

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121020\
 Data File : VN065038.D
 Acq On : 10 Dec 2020 10:23
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Quant Time: Dec 10 14:08:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 10 14:05:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	200552	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	316993	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	284119	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	130850	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		7.98	65	13314	5.71	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	11.42%#	
35) Dibromofluoromethane		7.55	113	11173	5.80	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	11.60%#	
50) Toluene-d8		10.05	98	39101	5.02	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	10.04%#	
62) 4-Bromofluorobenzene		12.37	95	12504	4.51	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	9.02%#	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	9384	5.598	ug/l	95
3) Chloromethane	2.04	50	10752	4.902	ug/l	100
4) Vinyl Chloride	2.17	62	11672	5.077	ug/l	99
5) Bromomethane	2.53	94	7929	5.255	ug/l	93
6) Chloroethane	2.68	64	7453	5.181	ug/l	96
7) Trichlorofluoromethane	2.99	101	16405	5.097	ug/l	95
8) Diethyl Ether	3.37	74	6585	5.172	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.71	101	10606	5.476	ug/l	95
10) Methyl Iodide	3.91	142	10758	4.360	ug/l #	94
11) Tert butyl alcohol	4.74	59	6234	17.870	ug/l #	72
12) 1,1-Dichloroethene	3.69	96	9611	5.036	ug/l	96
13) Acrolein	3.57	56	5220	23.366	ug/l	97
14) Allyl chloride	4.27	41	13513	4.286	ug/l	97
15) Acrylonitrile	4.93	53	19923	20.166	ug/l	94
16) Acetone	3.78	43	20111	25.684	ug/l	94
17) Carbon Disulfide	4.01	76	26062	4.789	ug/l	97
18) Methyl Acetate	4.28	43	10286	4.492	ug/l	92
19) Methyl tert-butyl Ether	4.99	73	24687	4.005	ug/l	100
20) Methylene Chloride	4.50	84	11770	4.931	ug/l	95
21) trans-1,2-Dichloroethene	4.98	96	10016	4.717	ug/l	95
22) Diisopropyl ether	5.90	45	27413	4.305	ug/l	95
23) Vinyl Acetate	5.84	43	97852	19.348	ug/l	100
24) 1,1-Dichloroethane	5.79	63	18230	4.792	ug/l	97
25) 2-Butanone	6.79	43	25763	21.056	ug/l	96
26) 2,2-Dichloropropane	6.78	77	15586	4.726	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	11073	4.602	ug/l	99
28) Bromochloromethane	7.15	49	9049	5.194	ug/l #	98
29) Tetrahydrofuran	7.17	42	14733	17.603	ug/l	98
30) Chloroform	7.33	83	19254	4.877	ug/l	91
31) Cyclohexane	7.61	56	16573	5.227	ug/l #	86
32) 1,1,1-Trichloroethane	7.52	97	16722	4.955	ug/l	98
36) 1,1-Dichloropropene	7.75	75	13758	4.725	ug/l	98
37) Ethyl Acetate	6.88	43	9697	3.512	ug/l	98
38) Carbon Tetrachloride	7.73	117	14484	4.774	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121020\
 Data File : VN065038.D
 Acq On : 10 Dec 2020 10:23
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Quant Time: Dec 10 14:08:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 10 14:05:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	12663	4.104	ug/l	98
40) Benzene	8.00	78	42160	4.726	ug/l	99
41) Methacrylonitrile	7.11	41	3052	2.293	ug/l #	36
42) 1,2-Dichloroethane	8.08	62	13918	4.616	ug/l	98
43) Isopropyl Acetate	8.13	43	19334	4.324	ug/l	95
44) Trichloroethene	8.79	130	12033	4.590	ug/l	92
45) 1,2-Dichloropropane	9.08	63	10942	4.695	ug/l	98
46) Dibromomethane	9.17	93	7032	4.533	ug/l	93
47) Bromodichloromethane	9.37	83	14645	4.692	ug/l	97
48) Methyl methacrylate	9.16	41	8340	3.904	ug/l	92
49) 1,4-Dioxane	9.17	88	2924	72.579	ug/l #	92
51) 4-Methyl-2-Pentanone	9.95	43	50428	18.805	ug/l	97
52) Toluene	10.12	92	25070	4.550	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	13820	3.995	ug/l	95
54) cis-1,3-Dichloropropene	9.80	75	16193	4.357	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	10020	4.393	ug/l	95
56) Ethyl methacrylate	10.40	69	10745	3.475	ug/l	92
57) 1,3-Dichloropropane	10.68	76	16704	4.470	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	26940	15.803	ug/l	99
59) 2-Hexanone	10.72	43	35727	18.528	ug/l	90
60) Dibromochloromethane	10.87	129	10733	4.253	ug/l	96
61) 1,2-Dibromoethane	10.97	107	10212	4.435	ug/l	99
64) Tetrachloroethene	10.60	164	11927	4.369	ug/l	96
65) Chlorobenzene	11.40	112	28854	4.718	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.48	131	10468	4.658	ug/l	98
67) Ethyl Benzene	11.48	91	41970	4.137	ug/l	97
68) m/p-Xylenes	11.59	106	31745	8.216	ug/l	94
69) o-Xylene	11.92	106	14411	3.937	ug/l	97
70) Styrene	11.94	104	23145	3.744	ug/l	97
71) Bromoform	12.10	173	7754	4.344	ug/l #	92
73) Isopropylbenzene	12.22	105	37164	4.101	ug/l	100
74) N-amyl acetate	12.04	43	12469	3.558	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.48	83	13092	4.911	ug/l	97
76) 1,2,3-Trichloropropane	12.52	75	16819	6.062	ug/l #	100
77) Bromobenzene	12.50	156	11380	4.644	ug/l	94
78) n-propylbenzene	12.56	91	42151	4.098	ug/l	98
79) 2-Chlorotoluene	12.65	91	28297	4.445	ug/l	96
80) 1,3,5-Trimethylbenzene	12.70	105	30748	4.084	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	3286	3.276	ug/l #	82
82) 4-Chlorotoluene	12.75	91	27732	4.152	ug/l	96
83) tert-Butylbenzene	12.96	119	25397	4.024	ug/l	94
84) 1,2,4-Trimethylbenzene	13.01	105	28484	3.734	ug/l	100
85) sec-Butylbenzene	13.14	105	32197	3.863	ug/l	100
86) p-Isopropyltoluene	13.26	119	28123	3.706	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	19724	4.529	ug/l	97
88) 1,4-Dichlorobenzene	13.33	146	19781	4.297	ug/l	95
89) n-Butylbenzene	13.59	91	23942	3.612	ug/l	94
90) Hexachloroethane	13.85	117	6220	4.692	ug/l	94
91) 1,2-Dichlorobenzene	13.63	146	18724	4.377	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	1940	3.305	ug/l	93

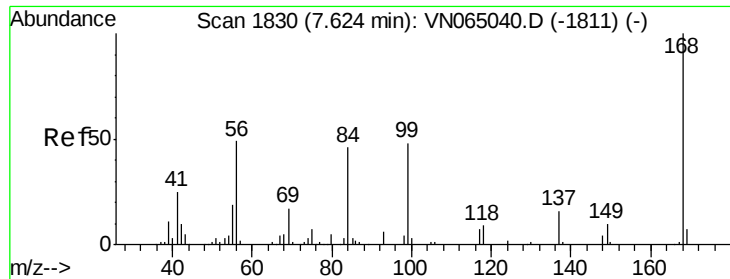
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121020\
Data File : VN065038.D
Acq On : 10 Dec 2020 10:23
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Quant Time: Dec 10 14:08:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121020W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 10 14:05:55 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	7119	2.751	ug/l	95
94) Hexachlorobutadiene	14.98	225	5410	4.101	ug/l	98
95) Naphthalene	15.10	128	16828	2.180	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	6505	2.557	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. -0.00 min

Lab File: VN065038.D

Acq: 10 Dec 2020 10:23

Instrument :

MSVOA_N

ClientSampleId :

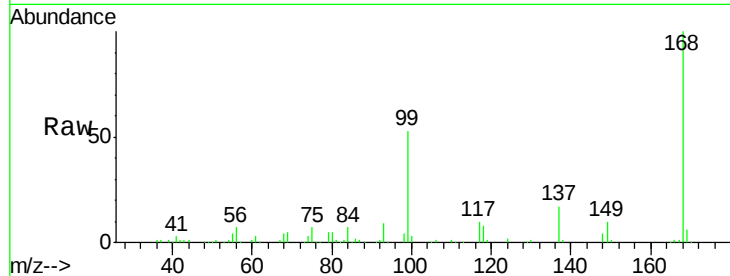
VSTDIC005

Tgt Ion: 168 Resp: 200552

Ion Ratio Lower Upper

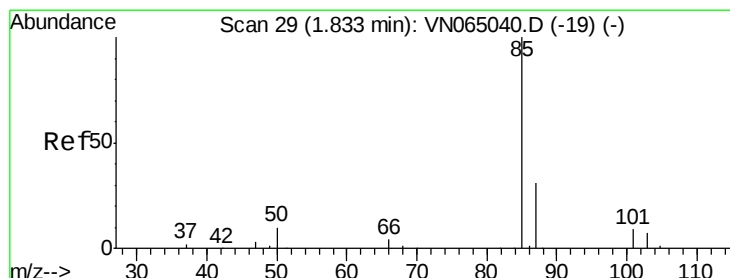
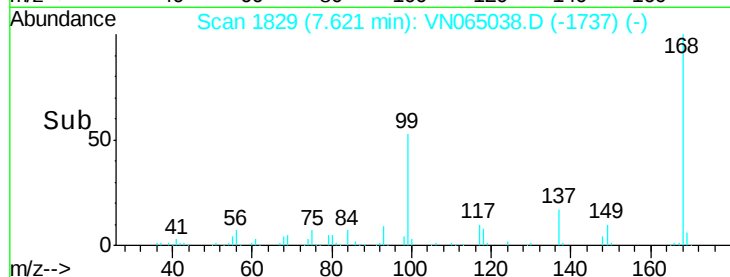
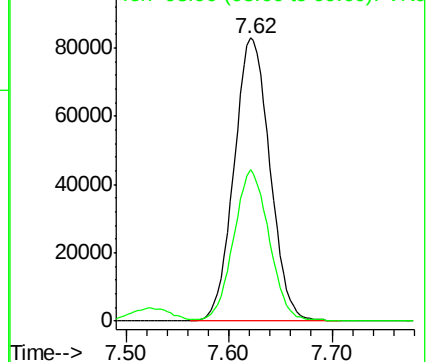
168 100

99 53.1 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 5.598 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN065038.D

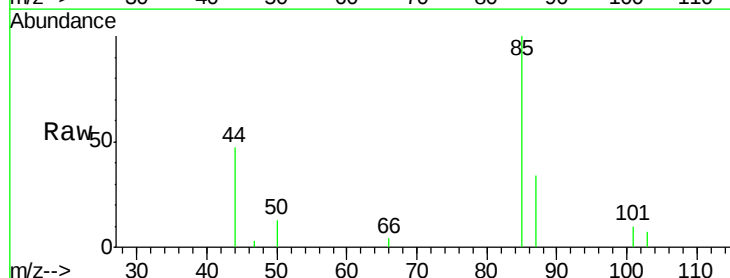
Acq: 10 Dec 2020 10:23

Tgt Ion: 85 Resp: 9384

Ion Ratio Lower Upper

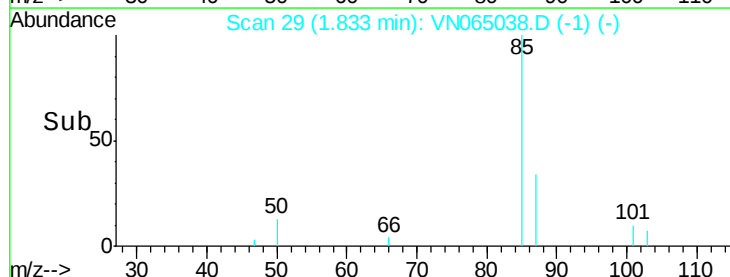
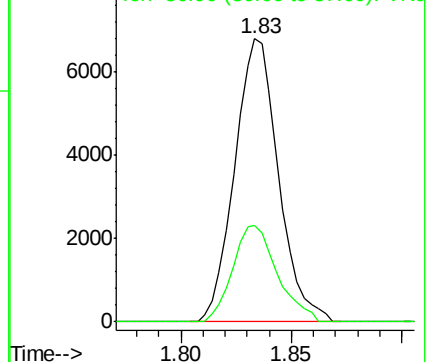
85 100

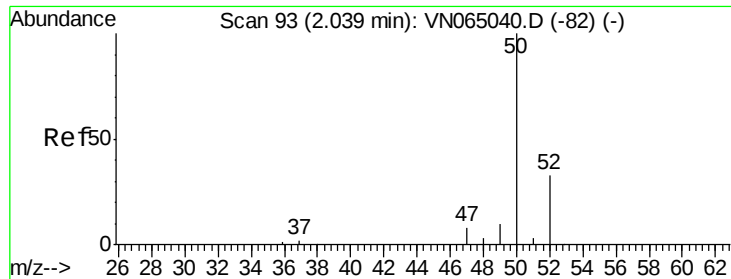
87 34.1 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 4.902 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN065038.D

Acq: 10 Dec 2020 10:23

Instrument :

MSVOA_N

ClientSampleId :

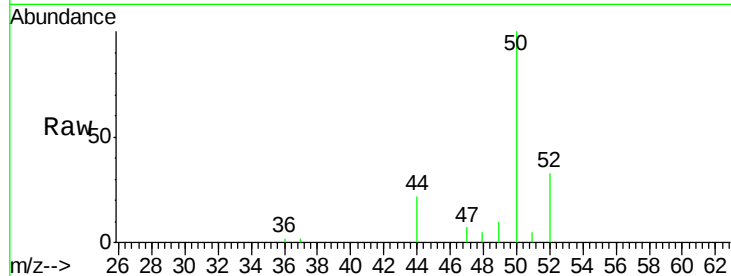
VSTDIC005

Tgt Ion: 50 Resp: 10752

Ion Ratio Lower Upper

50 100

52 33.1 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VN065038.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VN065038.D (-1) (-)

2.04

8000

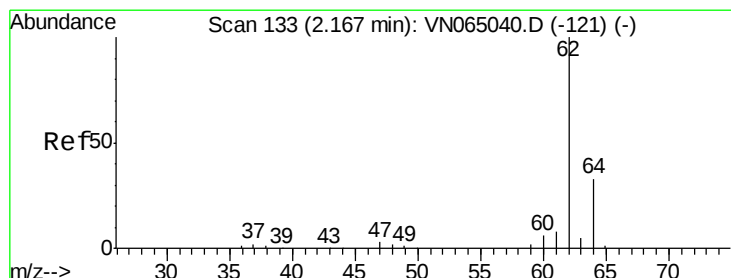
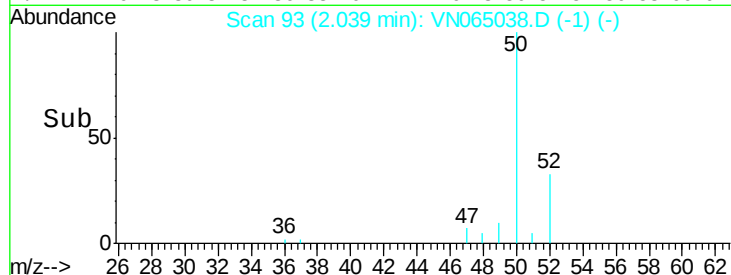
6000

4000

2000

0

Time-->



#4

Vinyl Chloride

Concen: 5.077 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN065038.D

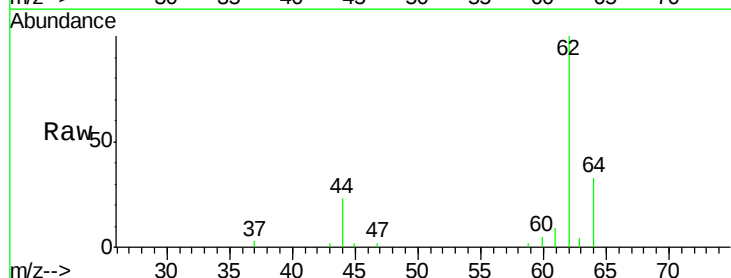
Acq: 10 Dec 2020 10:23

Tgt Ion: 62 Resp: 11672

Ion Ratio Lower Upper

62 100

64 33.3 26.1 39.1



Abundance Ion 61.90 (61.60 to 62.60): VN065038.D (-40) (-)

Ion 63.90 (63.60 to 64.60): VN065038.D (-40) (-)

2.17

8000

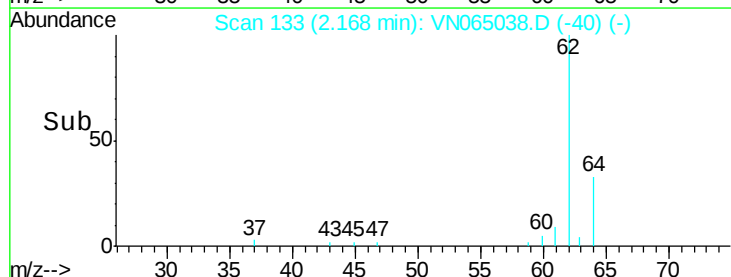
6000

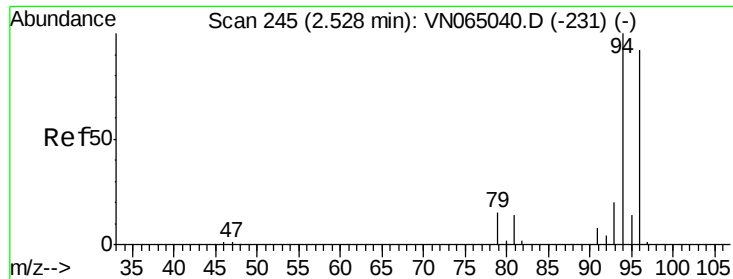
4000

2000

0

Time-->





#5

Bromomethane

Concen: 5.255 ug/l

RT: 2.53 min Scan# 247

Delta R.T. 0.01 min

Lab File: VN065038.D

Acq: 10 Dec 2020 10:23

Instrument :

MSVOA_N

ClientSampleId :

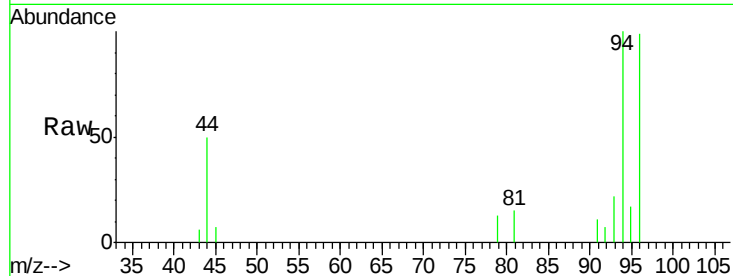
VSTDIC005

Tgt Ion: 94 Resp: 7929

Ion Ratio Lower Upper

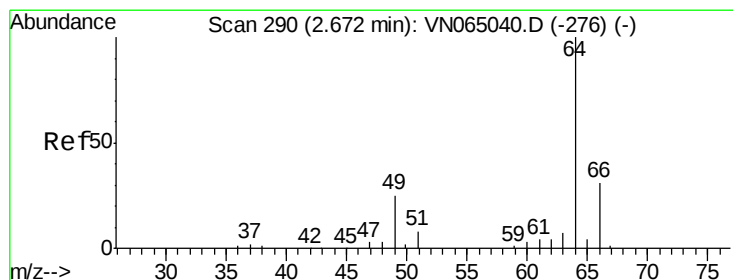
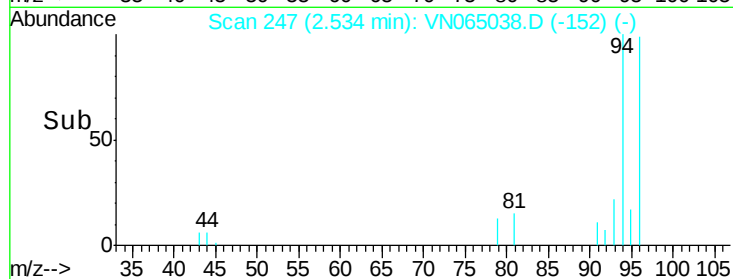
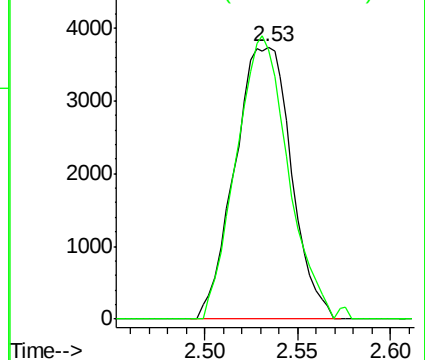
94 100

96 98.8 73.8 110.8



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 5.181 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN065038.D

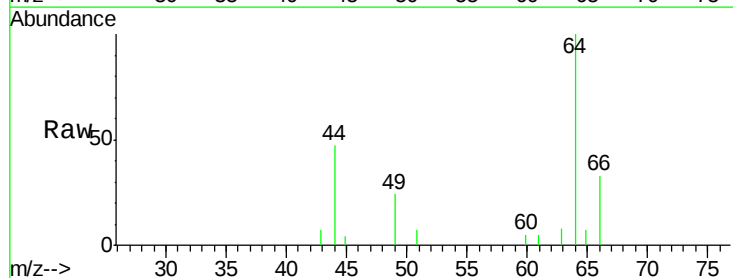
Acq: 10 Dec 2020 10:23

Tgt Ion: 64 Resp: 7453

Ion Ratio Lower Upper

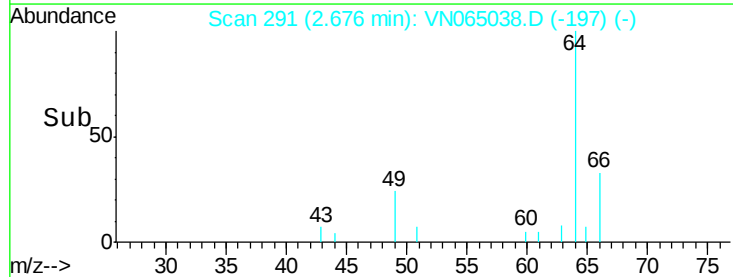
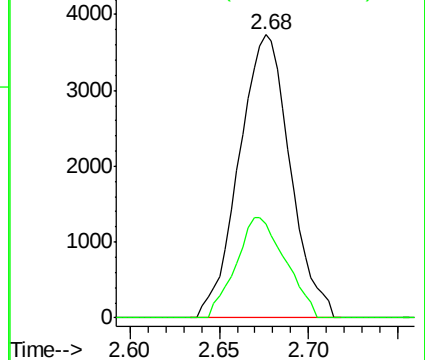
64 100

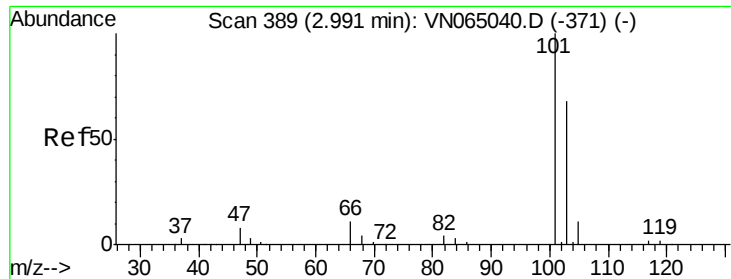
66 33.0 24.6 37.0



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



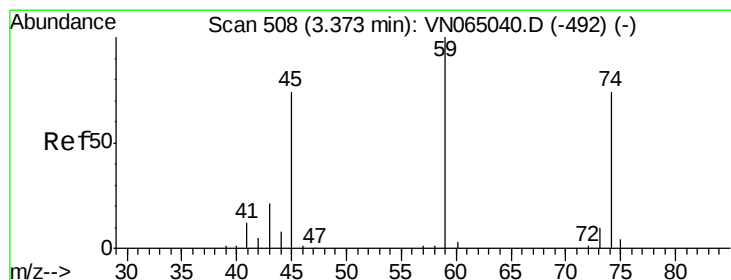
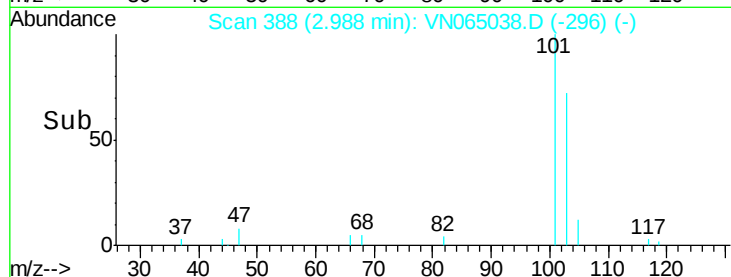
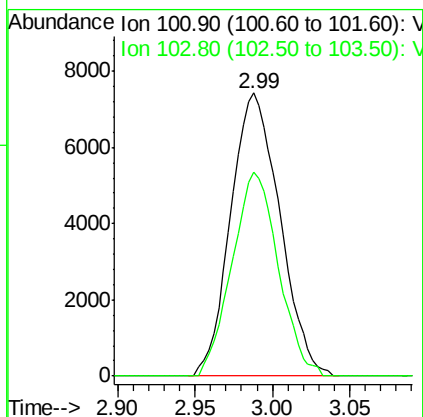
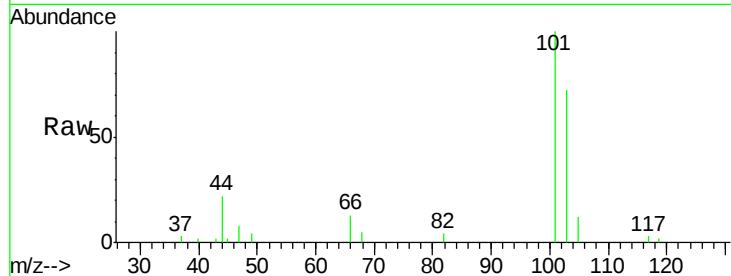


#7

Trichlorofluoromethane
 Concen: 5.097 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. -0.00 min
 Lab File: VN065038.D
 Acq: 10 Dec 2020 10:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

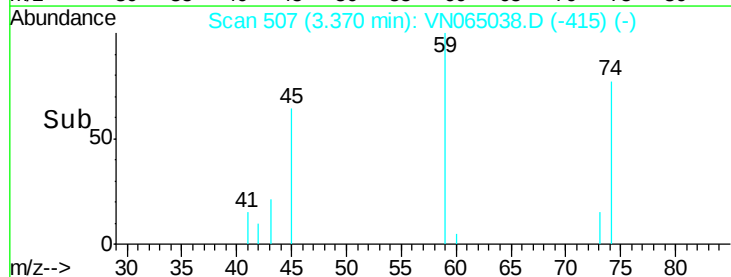
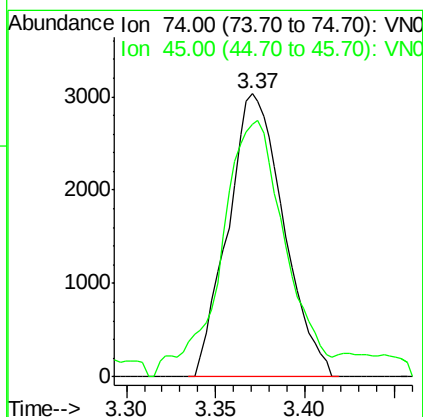
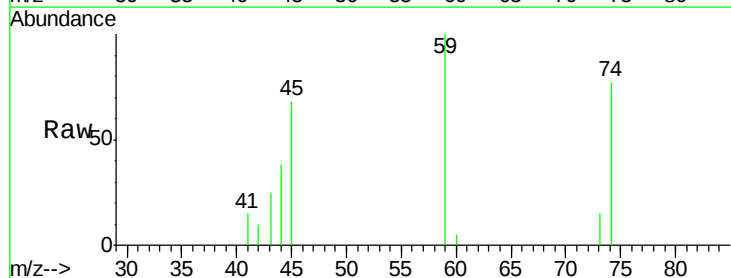
Tgt Ion: 101 Resp: 16405
 Ion Ratio Lower Upper
 101 100
 103 72.1 54.5 81.7

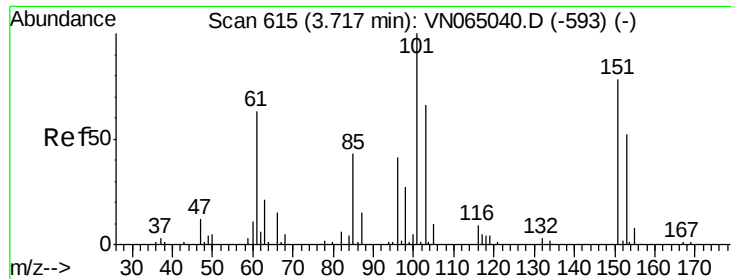


#8

Diethyl Ether
 Concen: 5.172 ug/l
 RT: 3.37 min Scan# 507
 Delta R.T. -0.00 min
 Lab File: VN065038.D
 Acq: 10 Dec 2020 10:23

Tgt Ion: 74 Resp: 6585
 Ion Ratio Lower Upper
 74 100
 45 104.2 49.1 147.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.476 ug/l

RT: 3.71 min Scan# 614

Delta R.T. -0.00 min

Lab File: VN065038.D

Acq: 10 Dec 2020 10:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

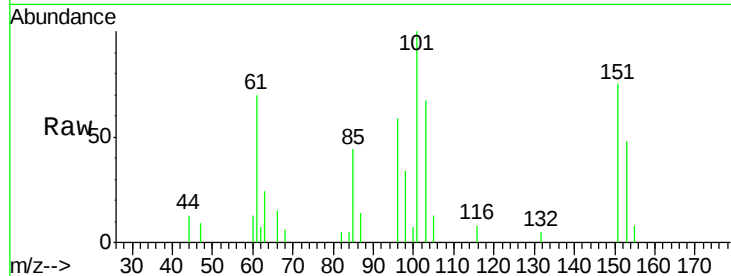
Tgt Ion:101 Resp: 10606

Ion Ratio Lower Upper

101 100

85 41.7 33.2 49.8

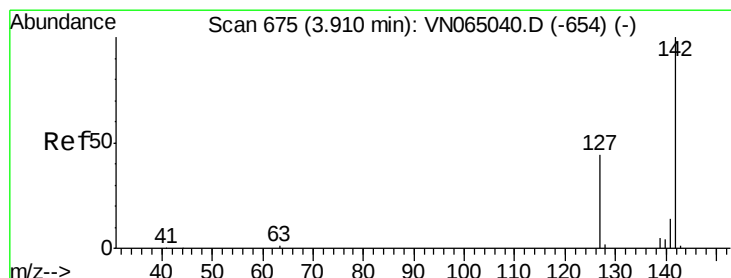
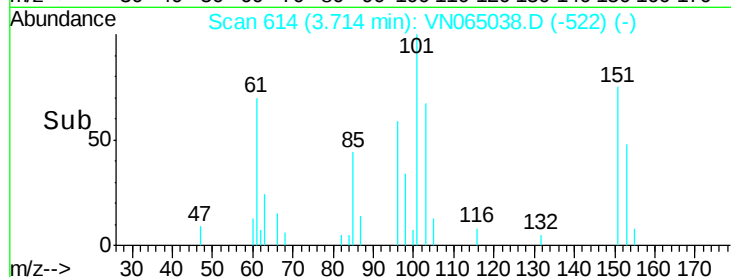
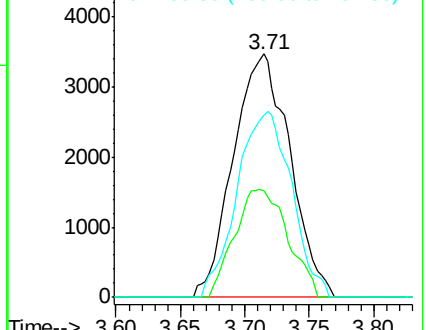
151 73.4 63.7 95.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 4.360 ug/l

RT: 3.91 min Scan# 675

Delta R.T. 0.00 min

Lab File: VN065038.D

Acq: 10 Dec 2020 10:23

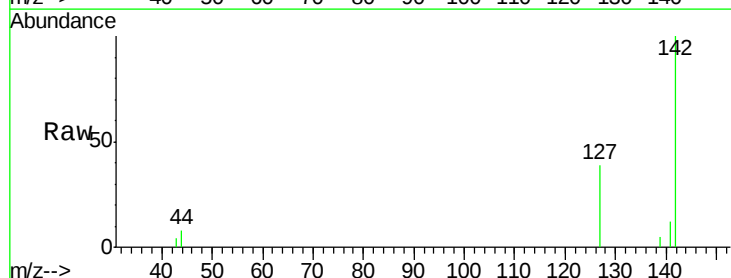
Tgt Ion:142 Resp: 10758

Ion Ratio Lower Upper

142 100

127 41.3 34.6 52.0

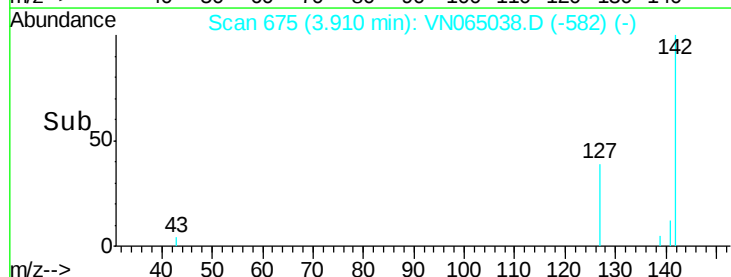
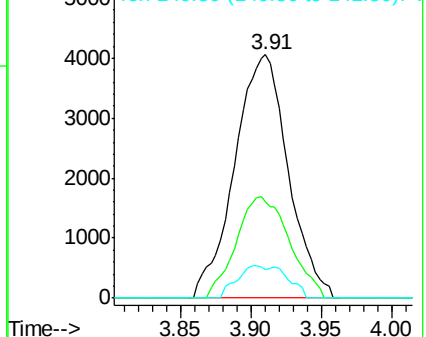
141 7.2 10.9 16.3#

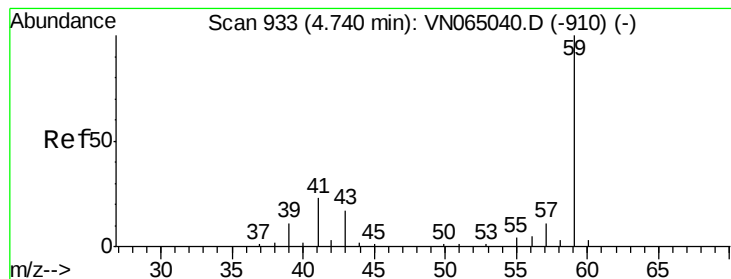


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



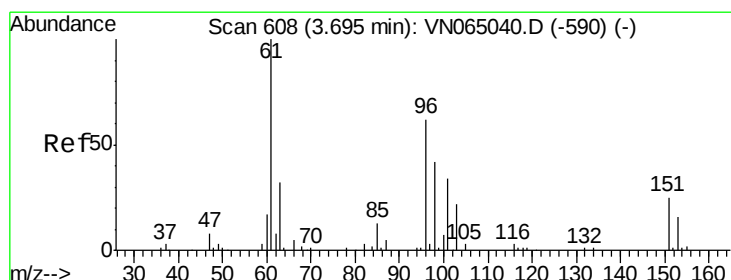
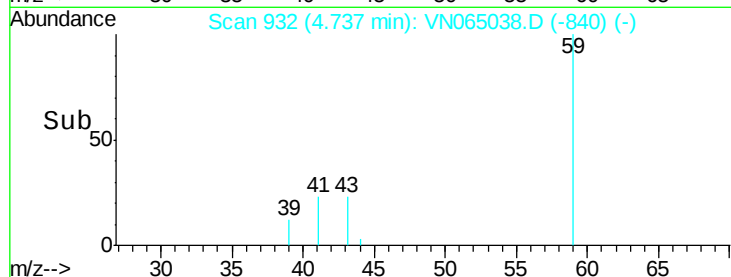
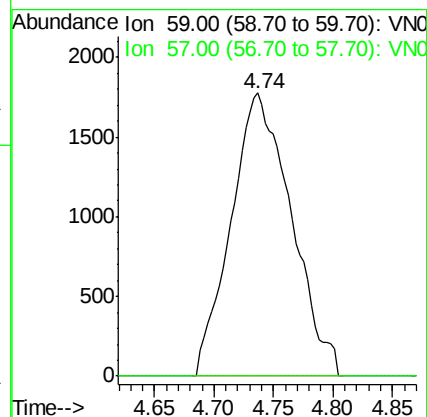
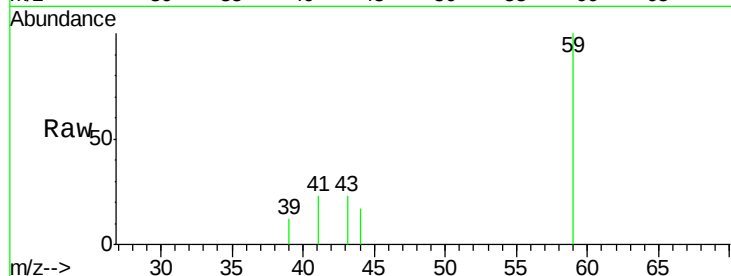


#11

Tert butyl alcohol
 Concen: 17.870 ug/l
 RT: 4.74 min Scan# 932
 Delta R.T. -0.00 min
 Lab File: VN065038.D
 Acq: 10 Dec 2020 10:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

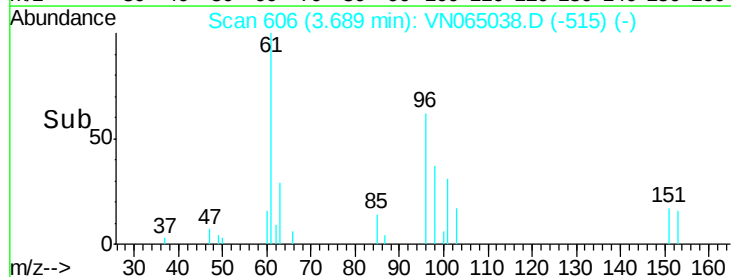
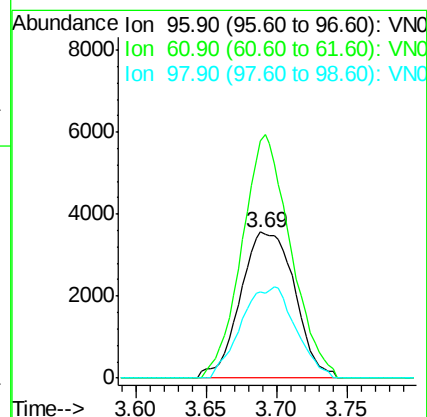
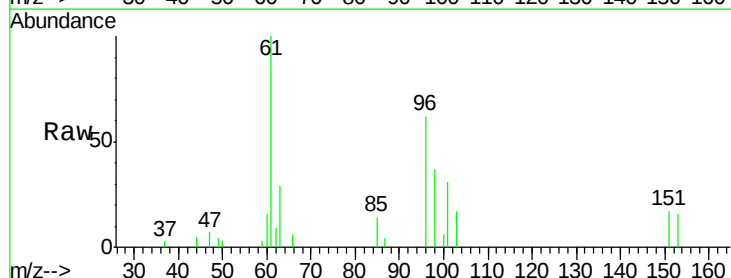
Tgt Ion: 59 Resp: 6234
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.6 12.8#

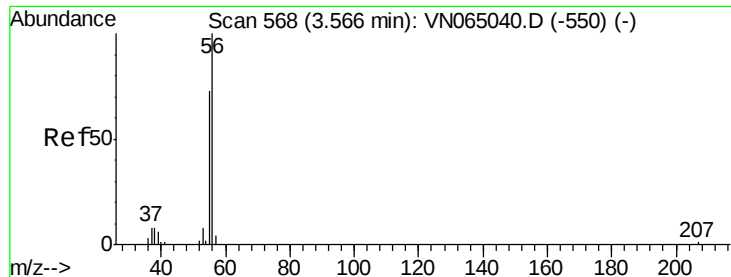


#12

1,1-Dichloroethene
 Concen: 5.036 ug/l
 RT: 3.69 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: VN065038.D
 Acq: 10 Dec 2020 10:23

Tgt Ion: 96 Resp: 9611
 Ion Ratio Lower Upper
 96 100
 61 162.3 128.4 192.6
 98 59.4 53.6 80.4





#13

Acrolein

Concen: 23.366 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN065038.D

Acq: 10 Dec 2020 10:23

Instrument :

MSVOA_N

ClientSampleId :

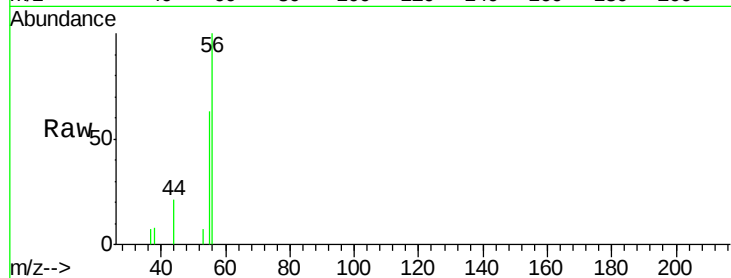
VSTDIC005

Tgt Ion: 56 Resp: 5220

Ion Ratio Lower Upper

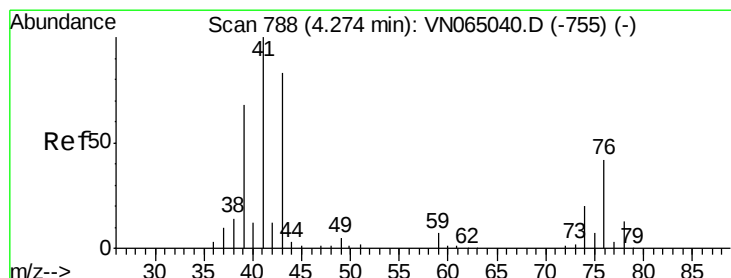
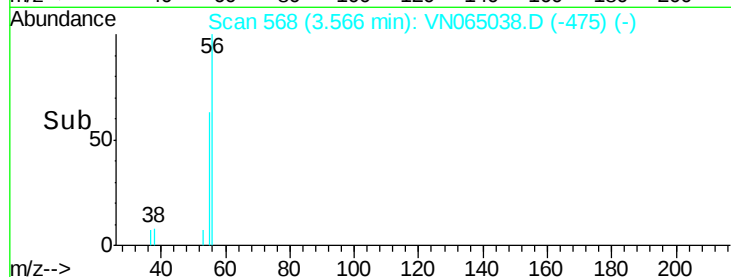
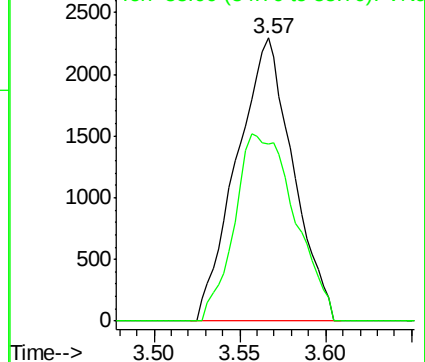
56 100

55 70.8 58.4 87.6



Abundance Ion 56.00 (55.70 to 56.70): VN065040.D (-550) (-)

Ion 55.00 (54.70 to 55.70): VN065040.D (-550) (-)



#14

Allyl chloride

Concen: 4.286 ug/l

RT: 4.27 min Scan# 786

Delta R.T. -0.01 min

Lab File: VN065038.D

Acq: 10 Dec 2020 10:23

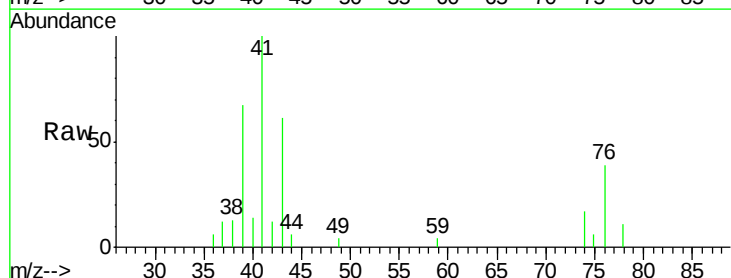
Tgt Ion: 41 Resp: 13513

Ion Ratio Lower Upper

41 100

39 63.7 49.0 73.6

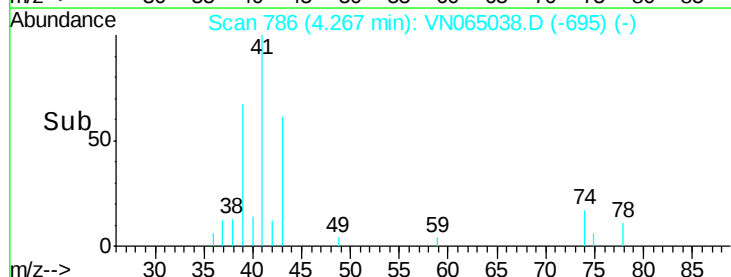
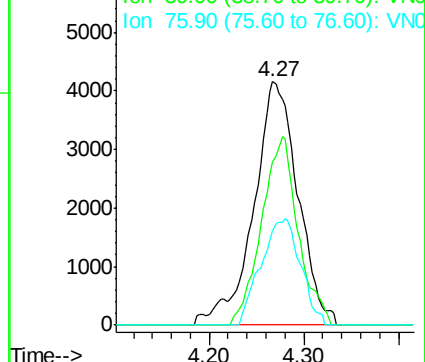
76 38.8 29.6 44.4

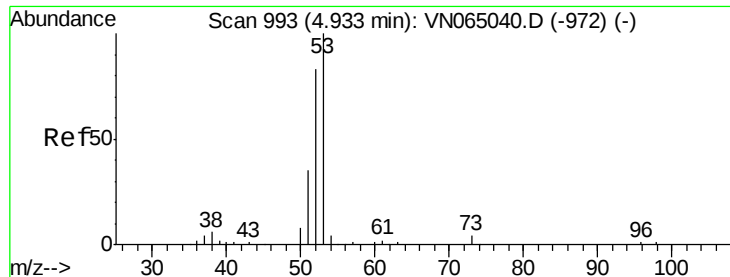


Abundance Ion 41.00 (40.70 to 41.70): VN065040.D (-755) (-)

Ion 39.00 (38.70 to 39.70): VN065040.D (-755) (-)

Ion 75.90 (75.60 to 76.60): VN065040.D (-755) (-)





#15

Acrylonitrile

Concen: 20.166 ug/l

RT: 4.93 min Scan# 993

Delta R.T. 0.00 min

Lab File: VN065038.D

Acq: 10 Dec 2020 10:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

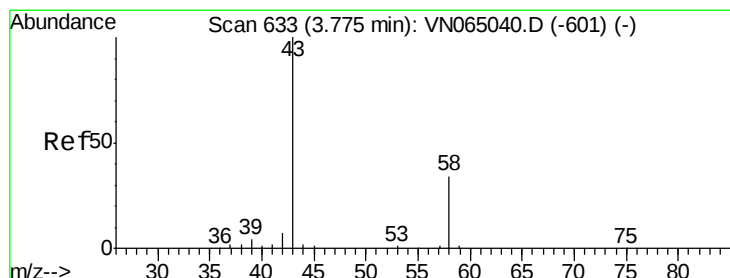
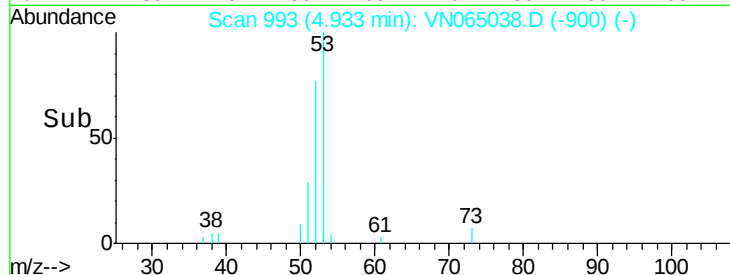
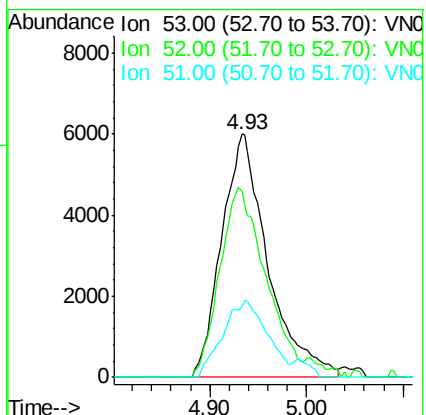
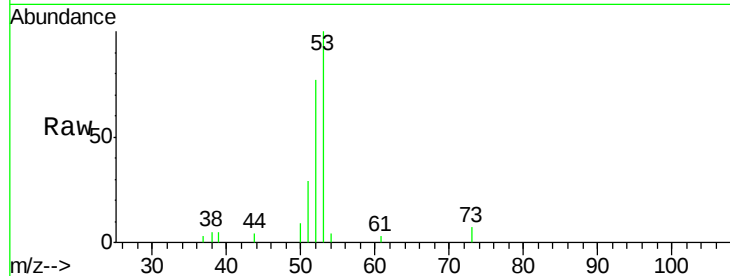
Tgt Ion: 53 Resp: 19923

Ion Ratio Lower Upper

53 100

52 77.1 65.4 98.0

51 30.1 27.8 41.6



#16

Acetone

Concen: 25.684 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN065038.D

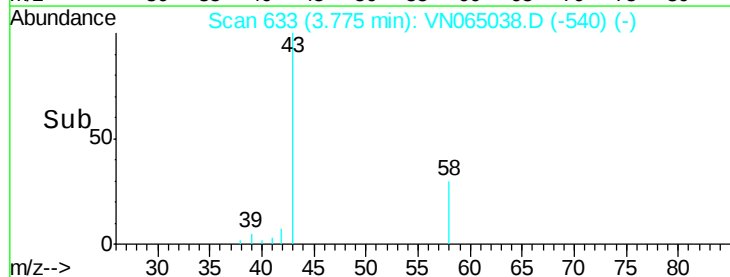
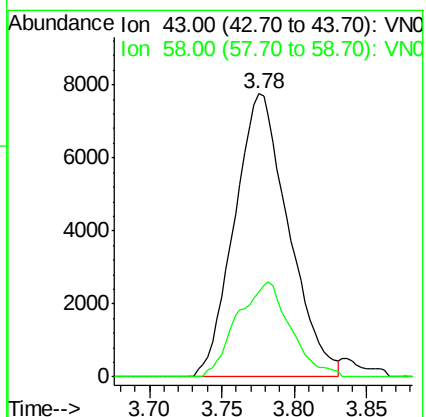
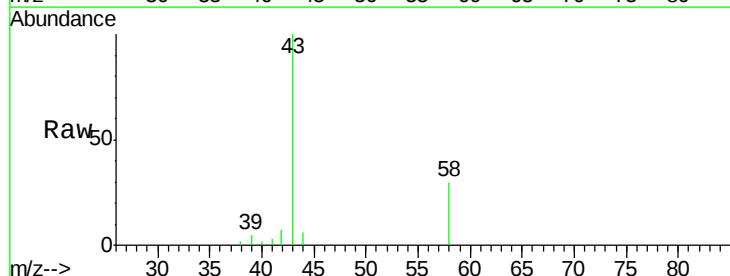
Acq: 10 Dec 2020 10:23

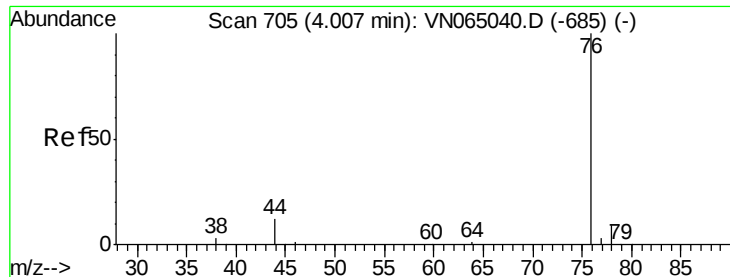
Tgt Ion: 43 Resp: 20111

Ion Ratio Lower Upper

43 100

58 30.0 26.8 40.2

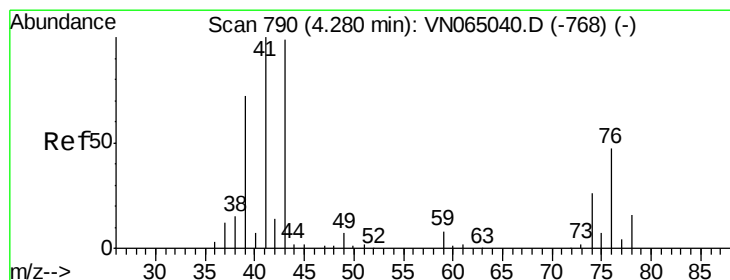
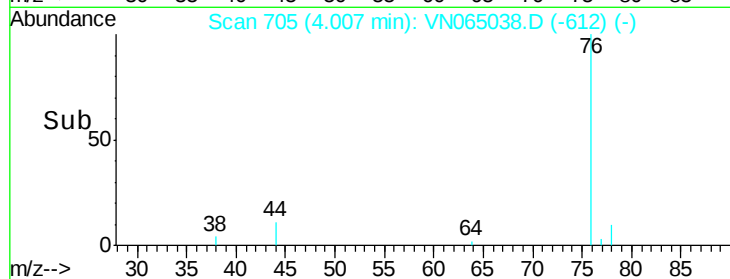
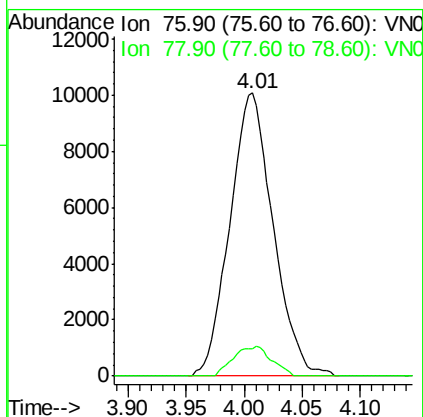
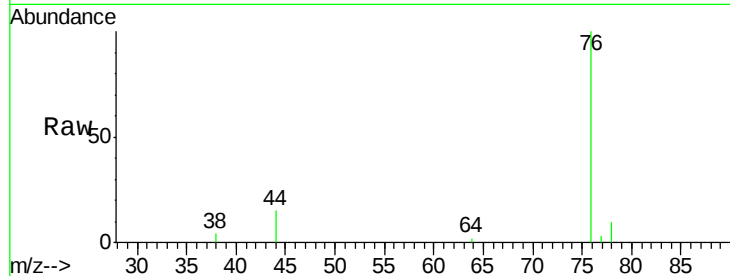




#17
Carbon Disulfide
Concen: 4.789 ug/l
RT: 4.01 min Scan# 705
Delta R.T. 0.00 min
Lab File: VN065038.D
Acq: 10 Dec 2020 10:23

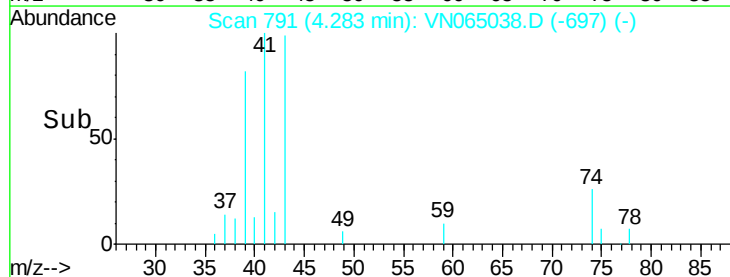
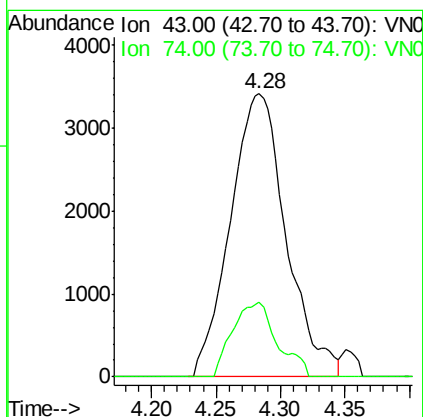
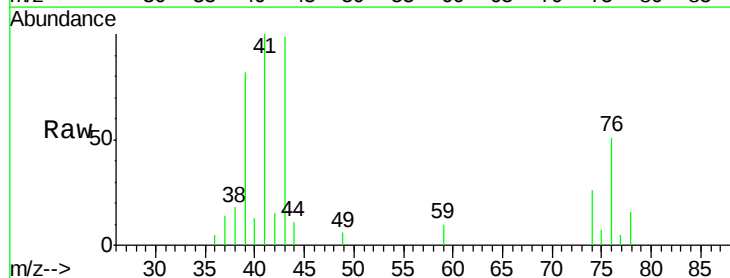
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

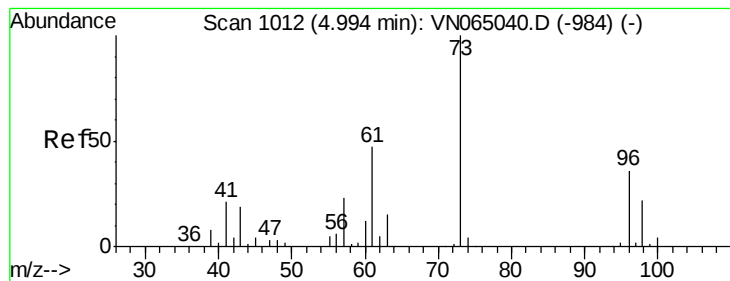
Tgt Ion: 76 Resp: 26062
Ion Ratio Lower Upper
76 100
78 9.9 7.1 10.7



#18
Methyl Acetate
Concen: 4.492 ug/l
RT: 4.28 min Scan# 791
Delta R.T. 0.00 min
Lab File: VN065038.D
Acq: 10 Dec 2020 10:23

Tgt Ion: 43 Resp: 10286
Ion Ratio Lower Upper
43 100
74 21.0 20.1 30.1





#19

Methyl tert-butyl Ether

Concen: 4.005 ug/l

RT: 4.99 min Scan# 1012

Delta R.T. 0.00 min

Lab File: VN065038.D

Acq: 10 Dec 2020 10:23

Instrument :

MSVOA_N

ClientSampleId :

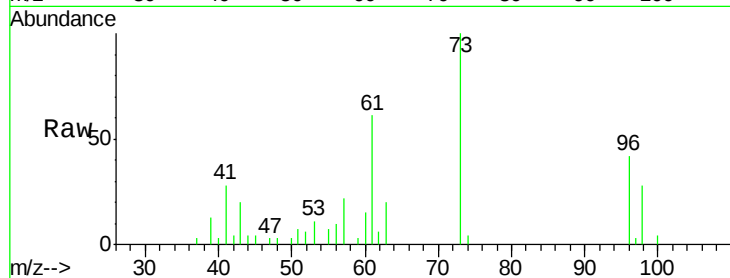
VSTDIC005

Tgt Ion: 73 Resp: 24687

Ion Ratio Lower Upper

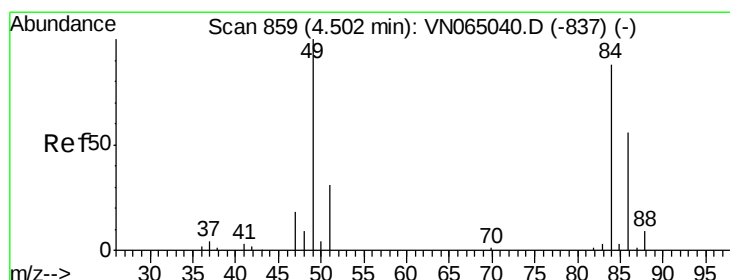
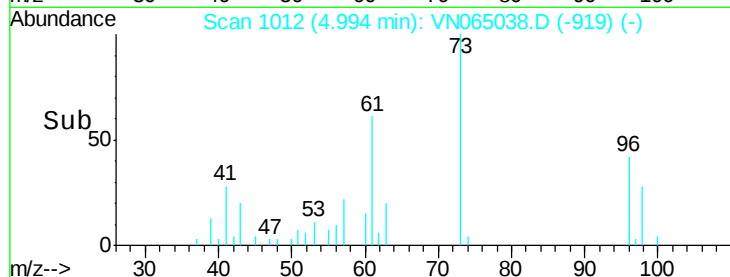
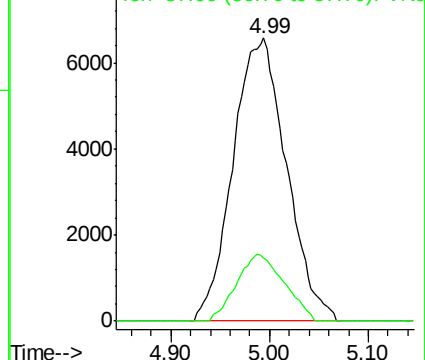
73 100

57 22.3 18.0 27.0



Abundance Ion 73.00 (72.70 to 73.70): VN065040.D (-984) (-)

Ion 57.00 (56.70 to 57.70): VN065040.D (-984) (-)



#20

Methylene Chloride

Concen: 4.931 ug/l

RT: 4.50 min Scan# 858

Delta R.T. -0.00 min

Lab File: VN065038.D

Acq: 10 Dec 2020 10:23

Tgt Ion: 84 Resp: 11770

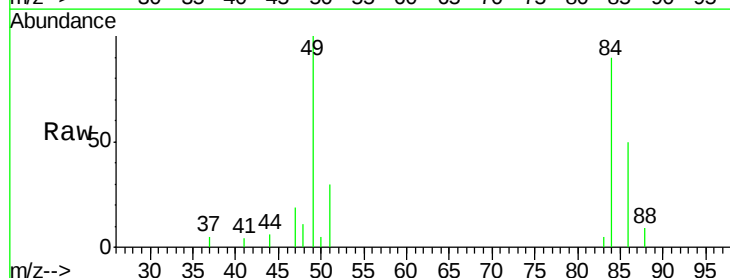
Ion Ratio Lower Upper

84 100

49 111.3 90.8 136.2

51 33.0 28.1 42.1

86 55.6 51.3 76.9

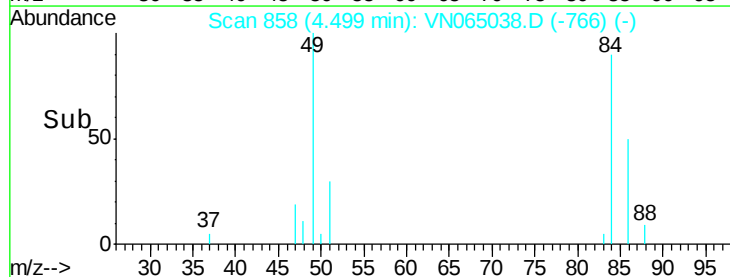
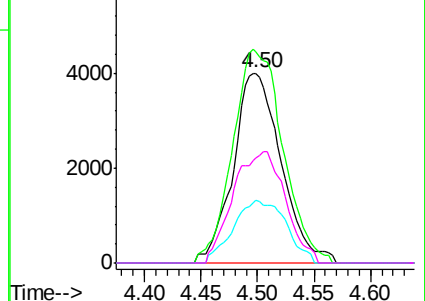


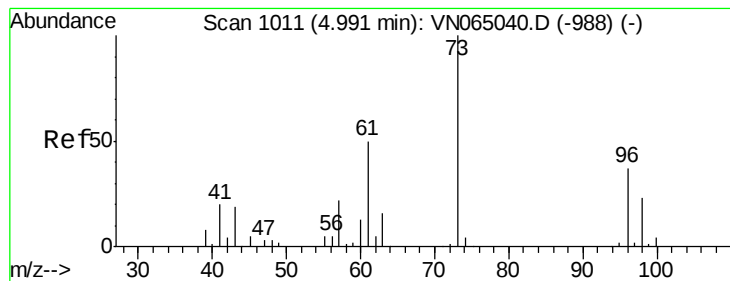
Abundance Ion 83.90 (83.60 to 84.60): VN065040.D (-837) (-)

Ion 48.90 (48.60 to 49.60): VN065040.D (-837) (-)

Ion 50.90 (50.60 to 51.60): VN065040.D (-837) (-)

Ion 85.90 (85.60 to 86.60): VN065040.D (-837) (-)





#21

trans-1,2-Dichloroethene

Concen: 4.717 ug/l

RT: 4.98 min Scan# 1007

Delta R.T. -0.01 min

Lab File: VN065038.D

Acq: 10 Dec 2020 10:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

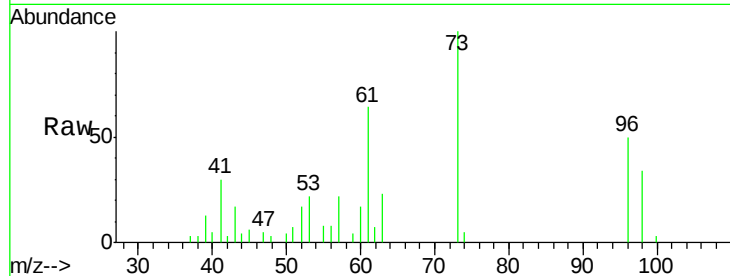
Tgt Ion: 96 Resp: 10016

Ion Ratio Lower Upper

96 100

61 127.9 107.1 160.7

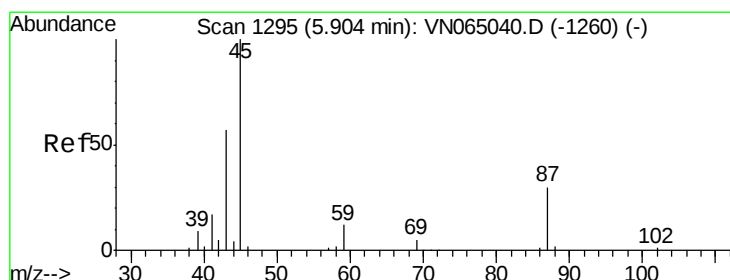
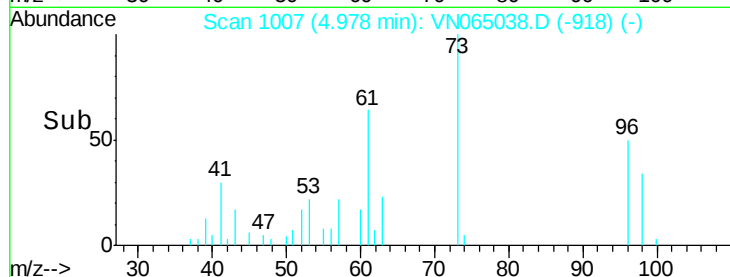
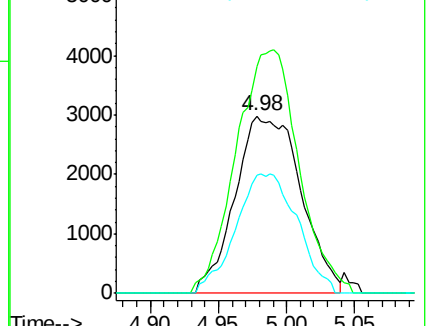
98 66.7 49.8 74.8



Abundance Ion 95.90 (95.60 to 96.60): VN065038.D (-1007) (-)

Ion 60.90 (60.60 to 61.60): VN065038.D (-1007) (-)

Ion 97.90 (97.60 to 98.60): VN065038.D (-1007) (-)



#22

Diisopropyl ether

Concen: 4.305 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VN065038.D

Acq: 10 Dec 2020 10:23

Tgt Ion: 45 Resp: 27413

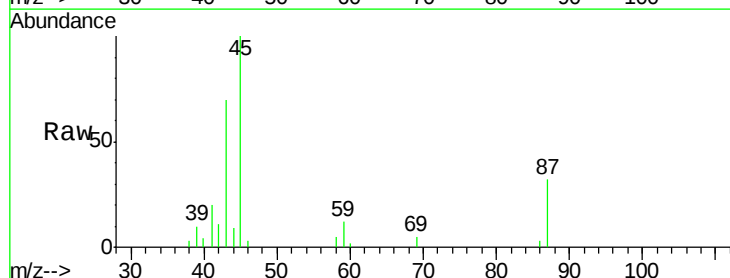
Ion Ratio Lower Upper

45 100

43 65.4 47.9 71.9

87 32.2 24.3 36.5

59 12.2 9.5 14.3

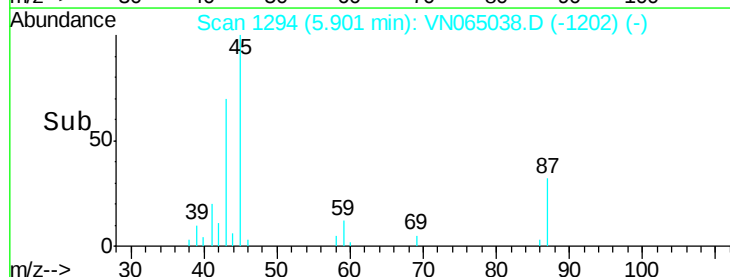
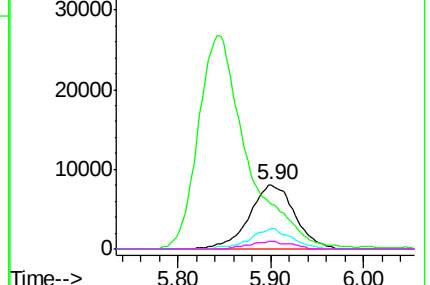


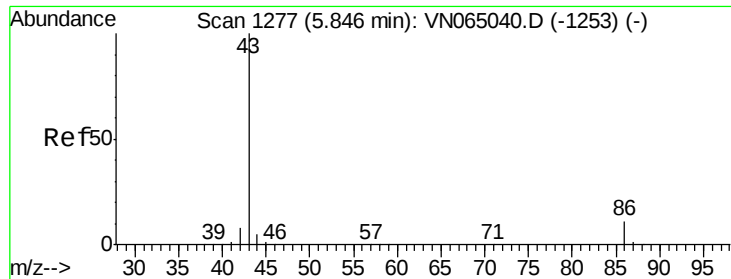
Abundance Ion 45.00 (44.70 to 45.70): VN065038.D (-1294) (-)

Ion 43.00 (42.70 to 43.70): VN065038.D (-1294) (-)

Ion 87.00 (86.70 to 87.70): VN065038.D (-1294) (-)

Ion 59.00 (58.70 to 59.70): VN065038.D (-1294) (-)





#23

Vinyl Acetate

Concen: 19.348 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN065038.D

Acq: 10 Dec 2020 10:23

Instrument :

MSVOA_N

ClientSampleId :

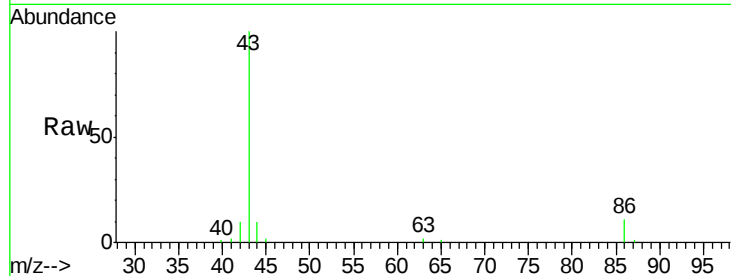
VSTDIC005

Tgt Ion: 43 Resp: 97852

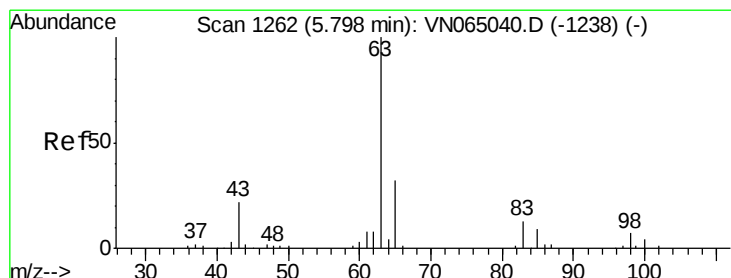
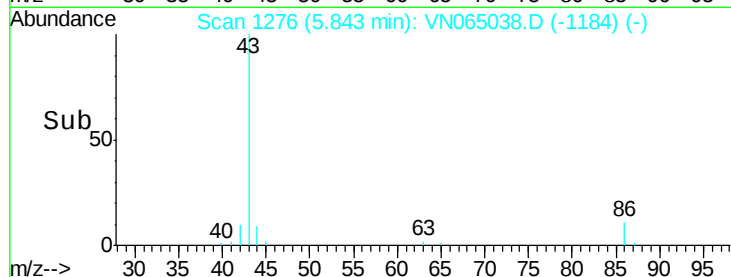
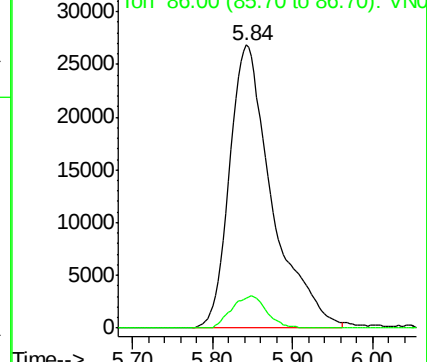
Ion Ratio Lower Upper

43 100

86 10.7 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VN065040.D (-1253) (-)



#24

1,1-Dichloroethane

Concen: 4.792 ug/l

RT: 5.79 min Scan# 1261

Delta R.T. -0.00 min

Lab File: VN065038.D

Acq: 10 Dec 2020 10:23

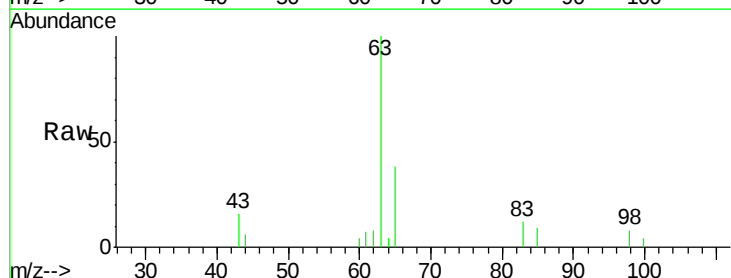
Tgt Ion: 63 Resp: 18230

Ion Ratio Lower Upper

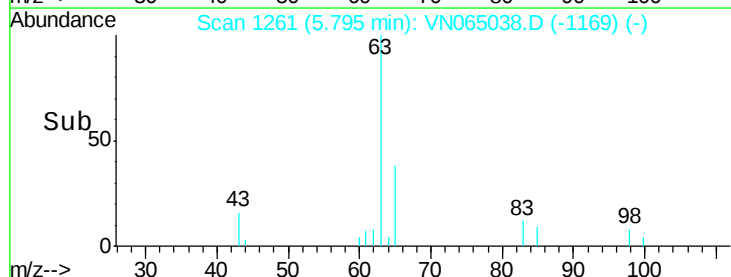
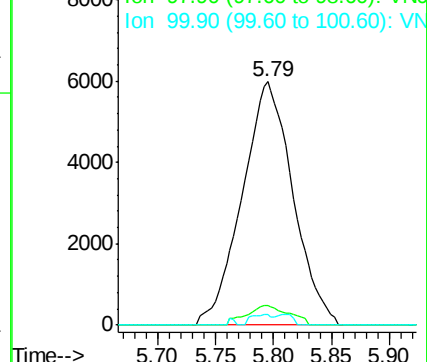
63 100

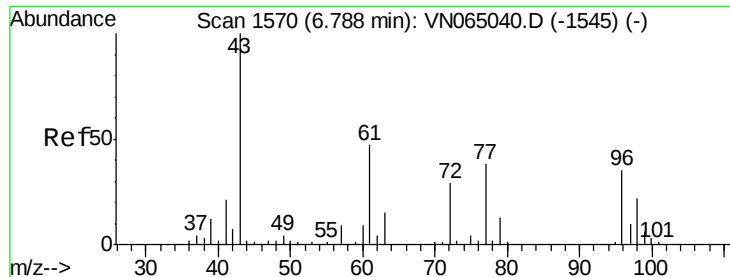
98 8.0 3.3 9.9

100 4.2 2.1 6.2



Abundance Ion 62.90 (62.60 to 63.60): VN065040.D (-1238) (-)





#25

2-Butanone

Concen: 21.056 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. 0.00 min

Lab File: VN065038.D

Acq: 10 Dec 2020 10:23

Instrument :

MSVOA_N

ClientSampleId :

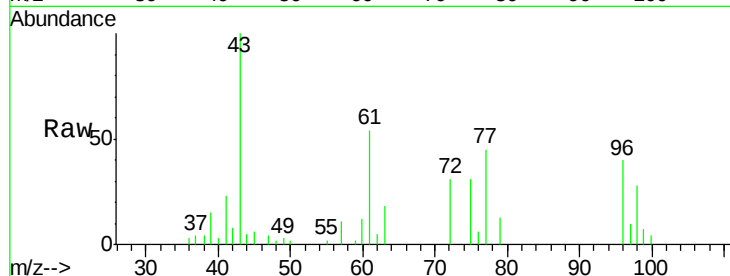
VSTDIC005

Tgt Ion: 43 Resp: 25763

Ion Ratio Lower Upper

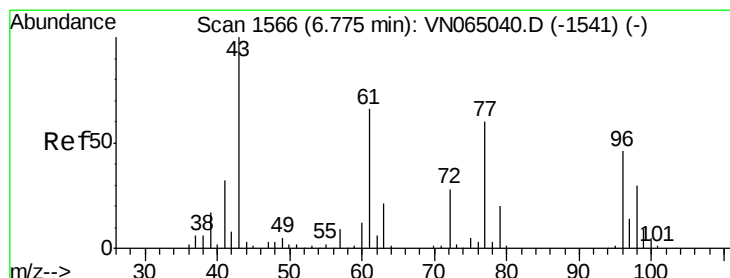
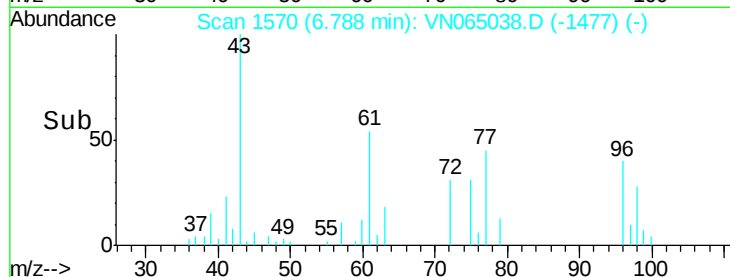
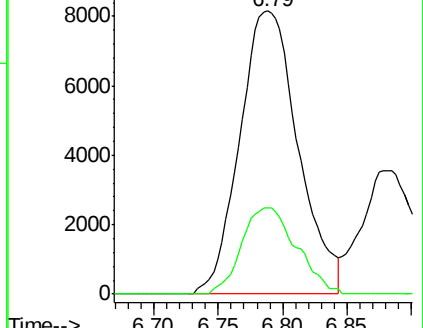
43 100

72 30.6 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VN065040.D (-1545) (-)

Ion 72.00 (71.70 to 72.70): VN065040.D (-1545) (-)



#26

2,2-Dichloropropane

Concen: 4.726 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN065038.D

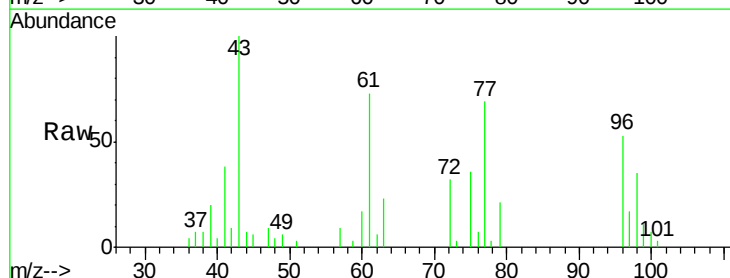
Acq: 10 Dec 2020 10:23

Tgt Ion: 77 Resp: 15586

Ion Ratio Lower Upper

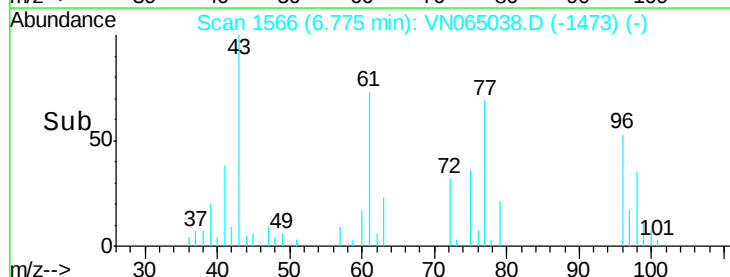
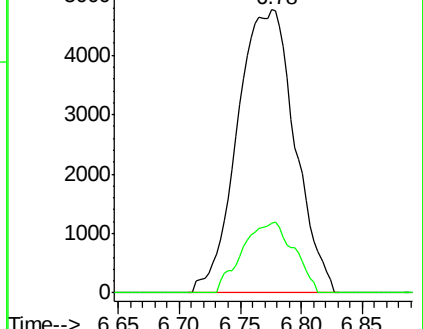
77 100

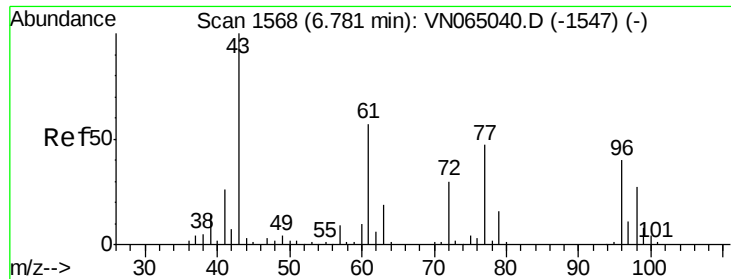
97 22.4 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VN065040.D (-1541) (-)

Ion 96.90 (96.60 to 97.60): VN065040.D (-1541) (-)





#27

cis-1,2-Dichloroethene

Concen: 4.602 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN065038.D

Acq: 10 Dec 2020 10:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

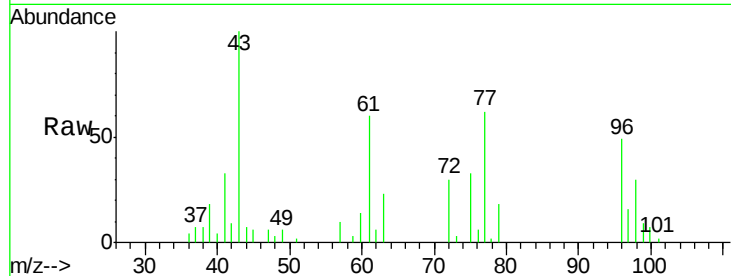
Tgt Ion: 96 Resp: 11073

Ion Ratio Lower Upper

96 100

61 140.5 0.0 283.6

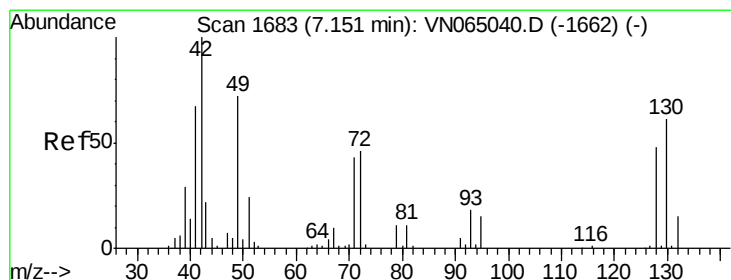
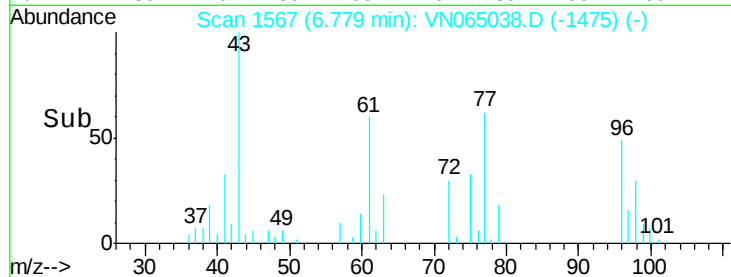
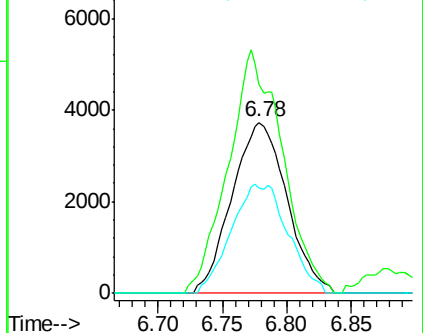
98 65.6 0.0 130.8



Abundance Ion 95.90 (95.60 to 96.60): VN065038.D (-1475) (-)

Ion 60.90 (60.60 to 61.60): VN065038.D (-1475) (-)

Ion 97.90 (97.60 to 98.60): VN065038.D (-1475) (-)



#28

Bromochloromethane

Concen: 5.194 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN065038.D

Acq: 10 Dec 2020 10:23

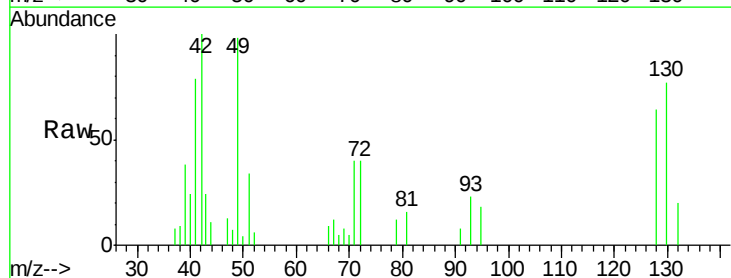
Tgt Ion: 49 Resp: 9049

Ion Ratio Lower Upper

49 100

129 0.0 0.0 2.2

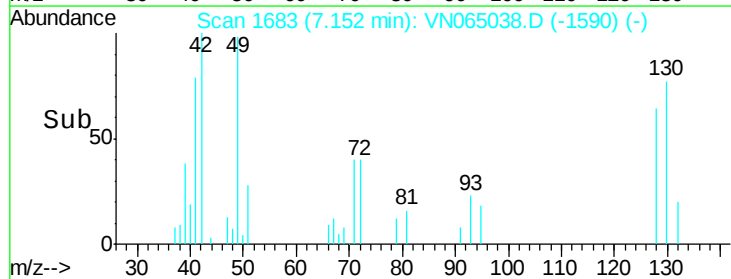
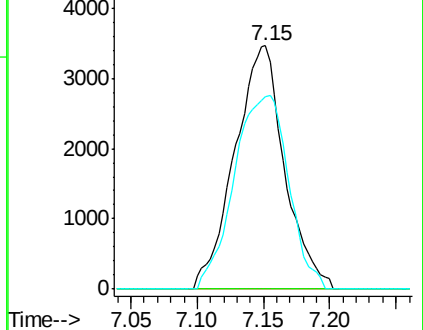
130 86.7 67.9 101.9

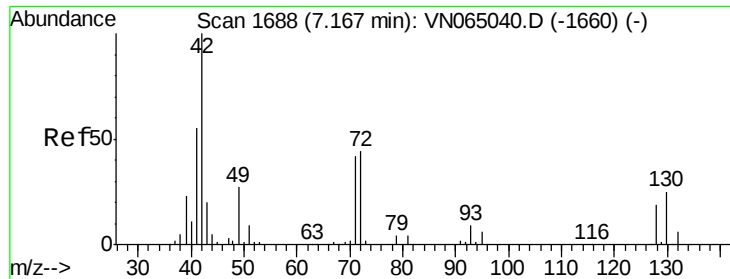


Abundance Ion 48.90 (48.60 to 49.60): VN065038.D (-1590) (-)

Ion 128.80 (128.50 to 129.50): VN065038.D (-1590) (-)

Ion 129.80 (129.50 to 130.50): VN065038.D (-1590) (-)

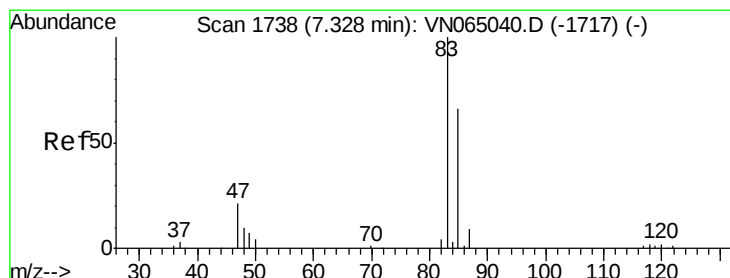
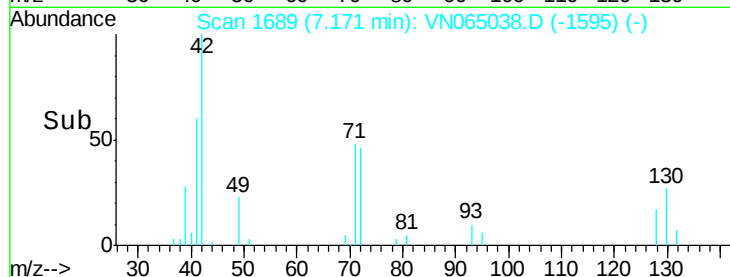
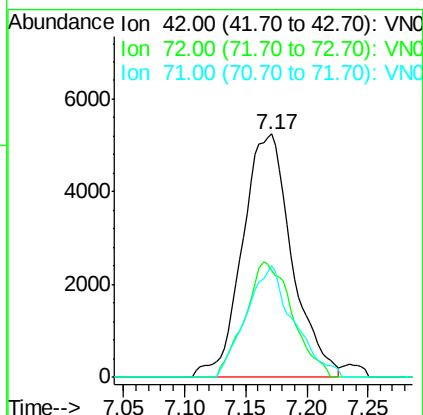
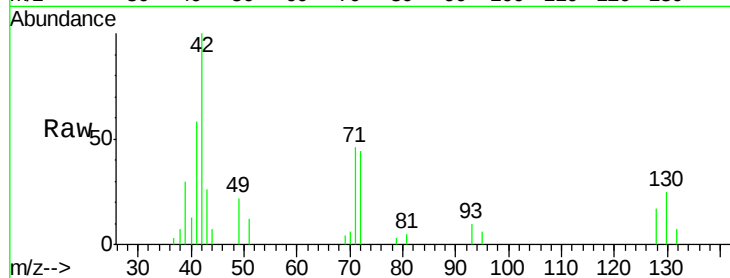




#29
Tetrahydrofuran
Concen: 17.603 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VN065038.D
Acq: 10 Dec 2020 10:23

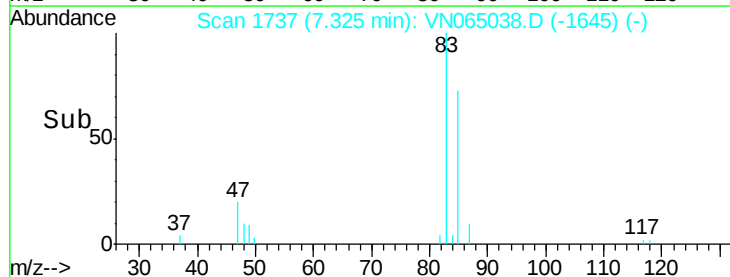
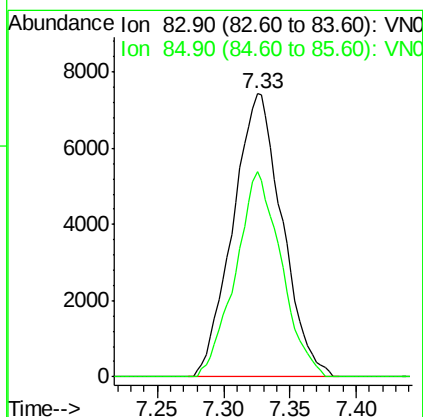
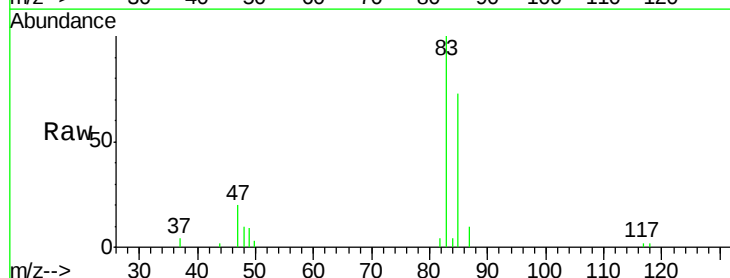
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

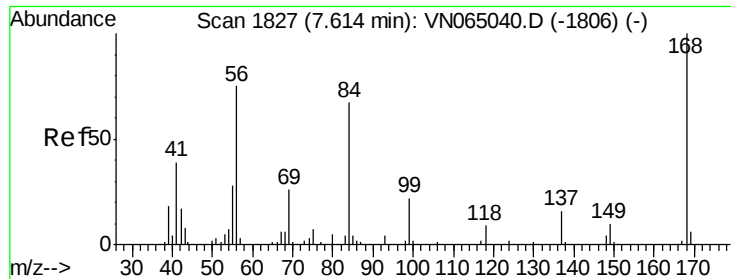
Tgt Ion: 42 Resp: 14733
Ion Ratio Lower Upper
42 100
72 45.4 35.8 53.6
71 44.1 33.5 50.3



#30
Chloroform
Concen: 4.877 ug/l
RT: 7.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN065038.D
Acq: 10 Dec 2020 10:23

Tgt Ion: 83 Resp: 19254
Ion Ratio Lower Upper
83 100
85 72.7 52.6 78.8

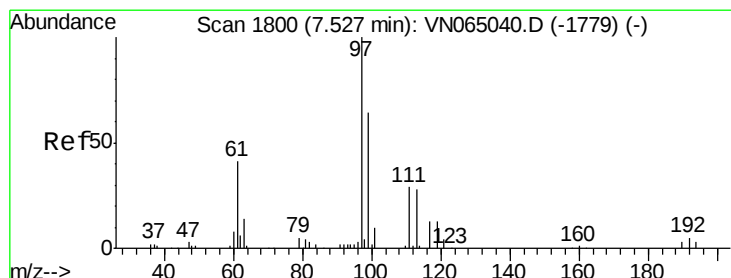
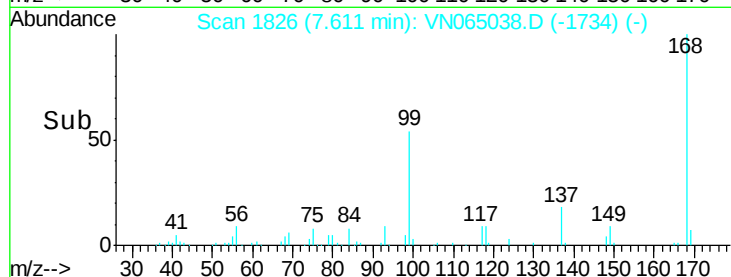
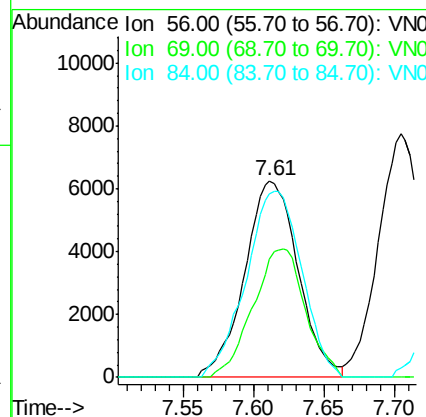
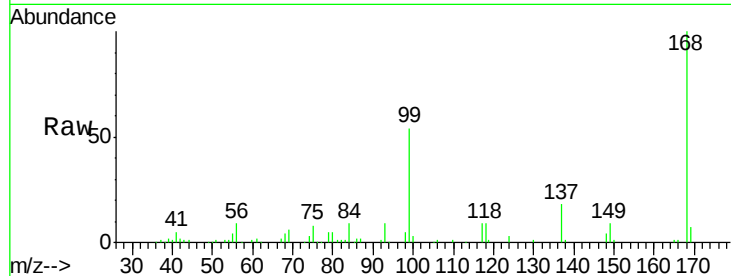




#31
Cyclohexane
Concen: 5.227 ug/l
RT: 7.61 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VN065038.D
Acq: 10 Dec 2020 10:23

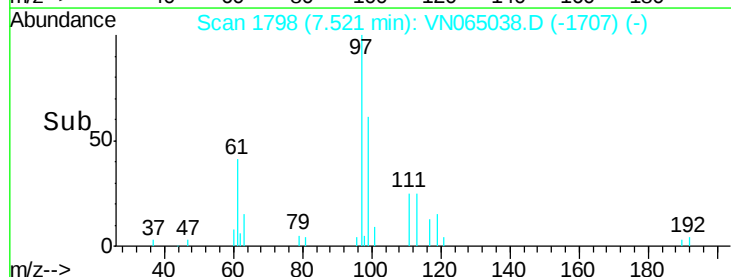
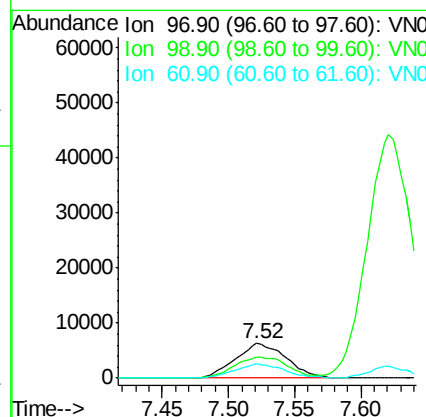
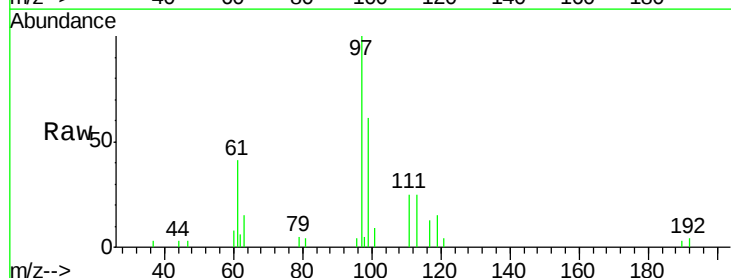
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

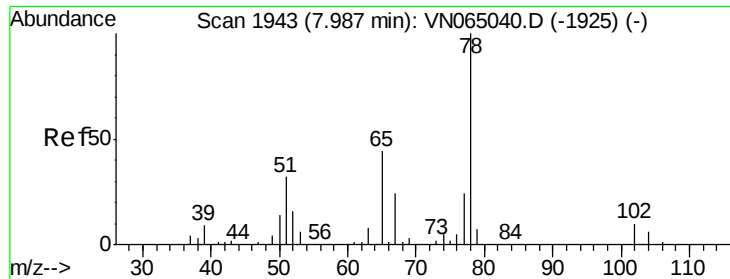
Tgt Ion: 56 Resp: 16573
Ion Ratio Lower Upper
56 100
69 59.9 27.5 41.3#
84 93.0 72.4 108.6



#32
1,1,1-Trichloroethane
Concen: 4.955 ug/l
RT: 7.52 min Scan# 1798
Delta R.T. -0.01 min
Lab File: VN065038.D
Acq: 10 Dec 2020 10:23

Tgt Ion: 97 Resp: 16722
Ion Ratio Lower Upper
97 100
99 64.3 51.7 77.5
61 39.2 33.5 50.3





#33

1,2-Dichloroethane-d4

Concen: 5.710 ug/l

RT: 7.98 min Scan# 1942

Delta R.T. -0.00 min

Lab File: VN065038.D

Acq: 10 Dec 2020 10:23

Instrument :

MSVOA_N

ClientSampleId :

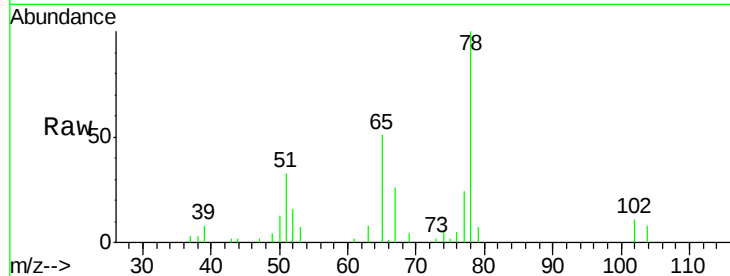
VSTDIC005

Tgt Ion: 65 Resp: 13314

Ion Ratio Lower Upper

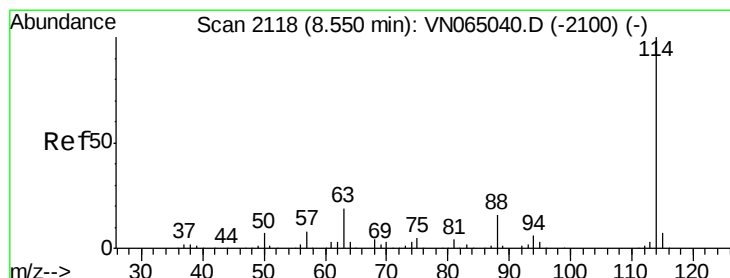
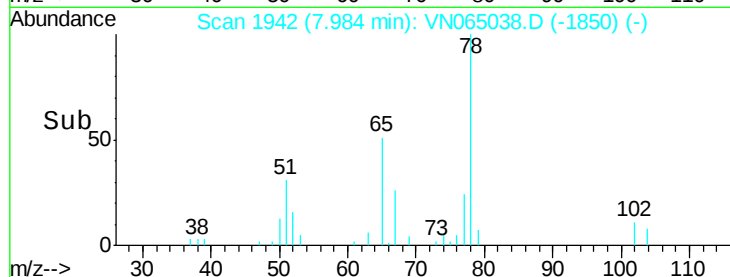
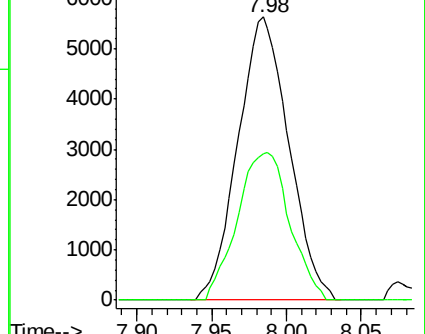
65 100

67 53.6 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN065040.D (-1925) (-)

Ion 66.90 (66.60 to 67.60): VN065040.D (-1925) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VN065038.D

Acq: 10 Dec 2020 10:23

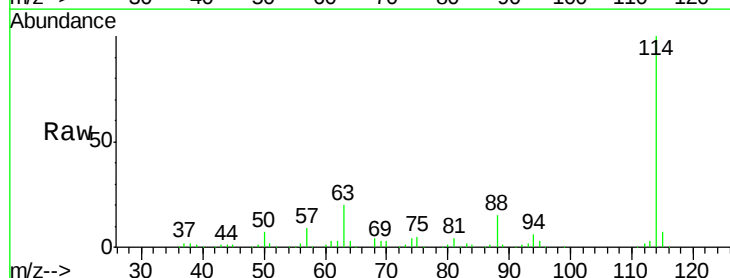
Tgt Ion: 114 Resp: 316993

Ion Ratio Lower Upper

114 100

63 19.9 0.0 38.2

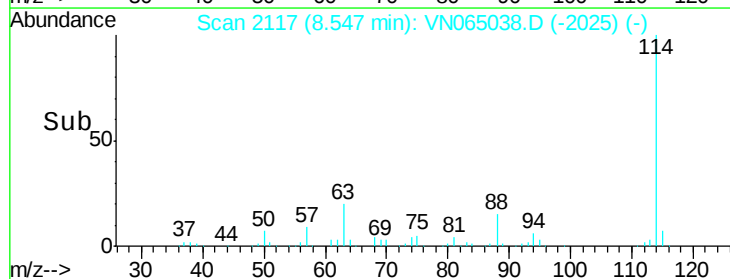
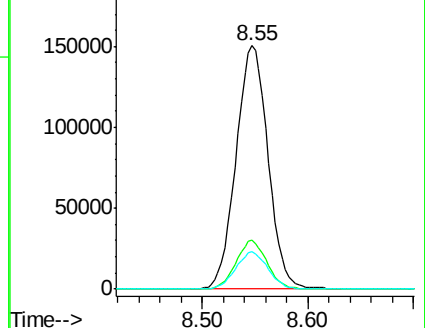
88 15.3 0.0 31.6

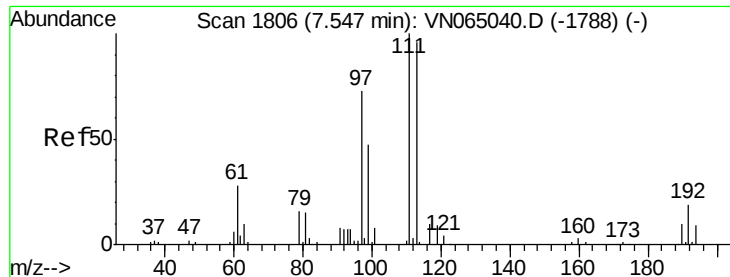


Abundance Ion 113.90 (113.60 to 114.60): VN065040.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN065040.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN065040.D (-2100) (-)

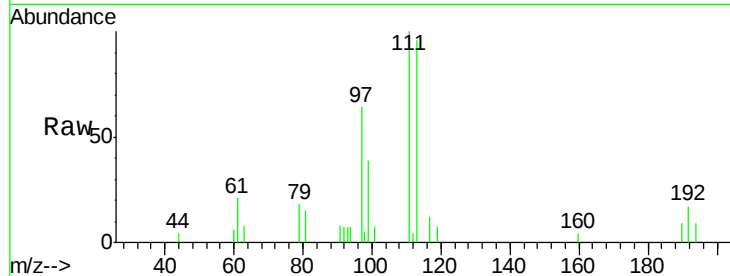




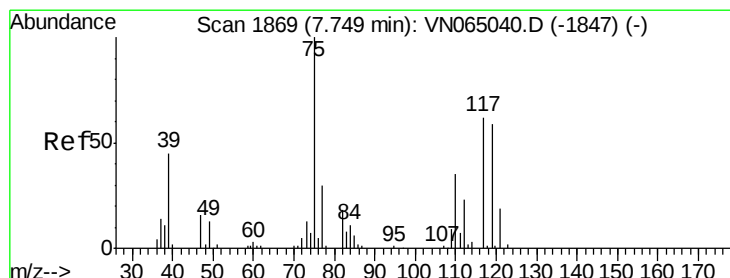
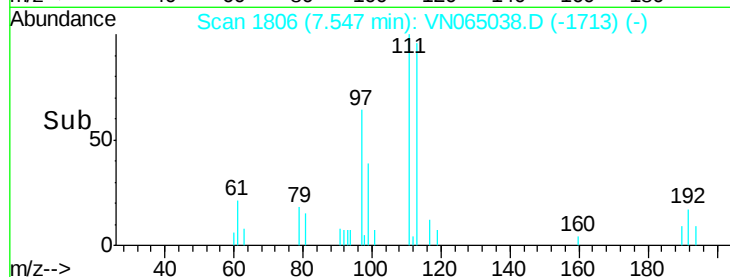
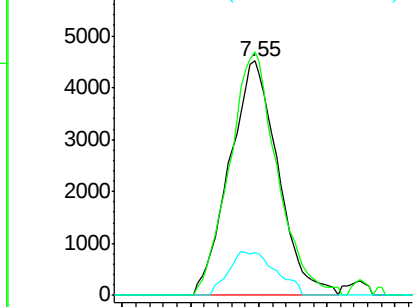
#35
 Dibromofluoromethane
 Concen: 5.802 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: VN065038.D
 Acq: 10 Dec 2020 10:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion: 113 Resp: 11173
 Ion Ratio Lower Upper
 113 100
 111 102.0 83.4 125.0
 192 18.1 16.2 24.2

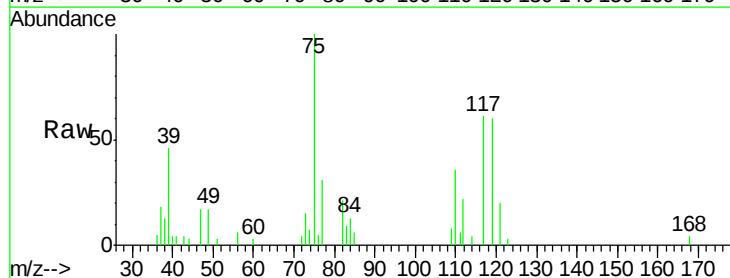


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

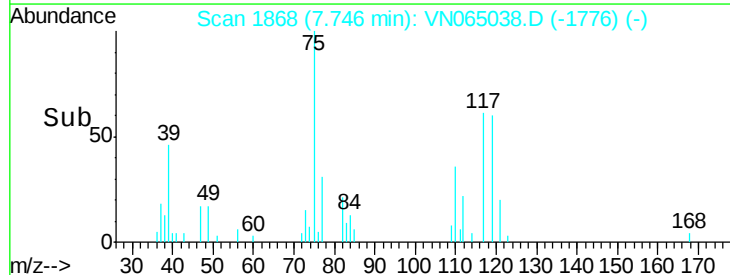
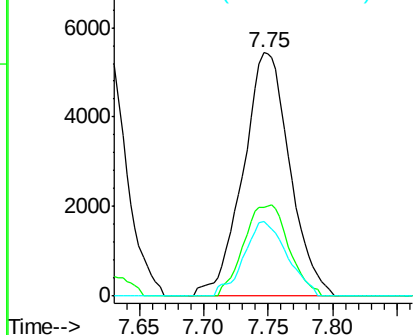


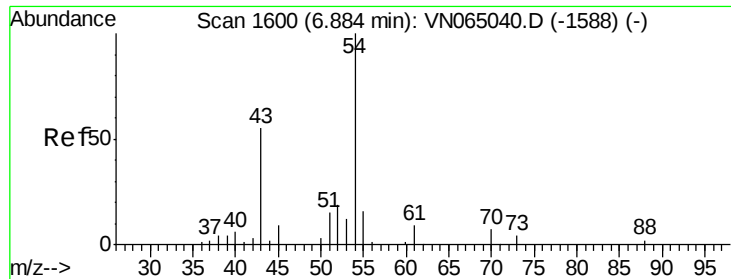
#36
 1,1-Dichloropropene
 Concen: 4.725 ug/l
 RT: 7.75 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VN065038.D
 Acq: 10 Dec 2020 10:23

Tgt Ion: 75 Resp: 13758
 Ion Ratio Lower Upper
 75 100
 110 35.9 18.1 54.1
 77 28.2 24.5 36.7



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

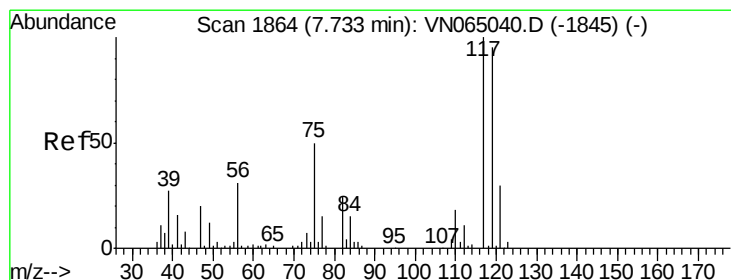
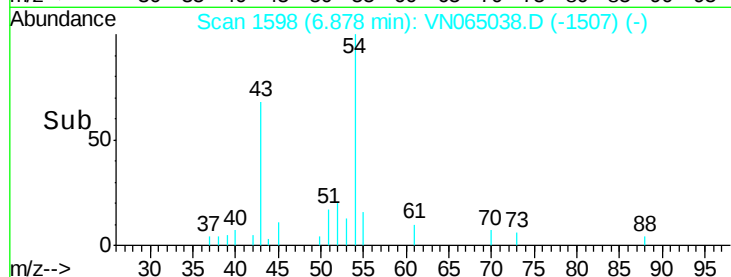
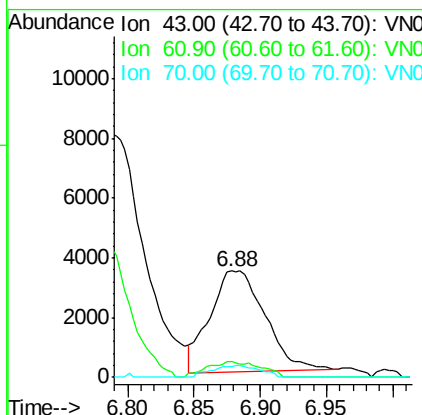
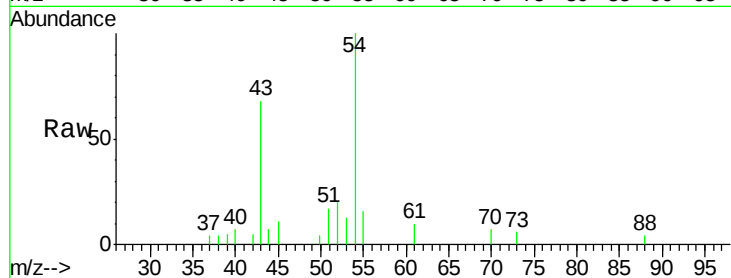




#37
Ethyl Acetate
Concen: 3.512 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. -0.01 min
Lab File: VN065038.D
Acq: 10 Dec 2020 10:23

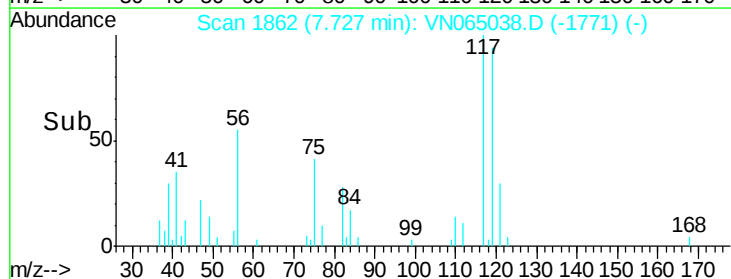
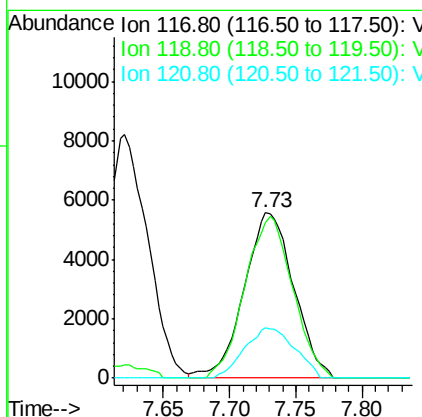
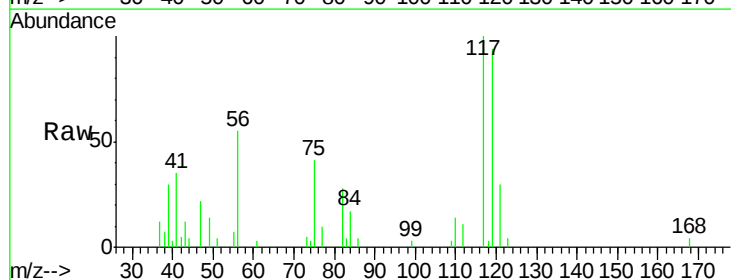
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

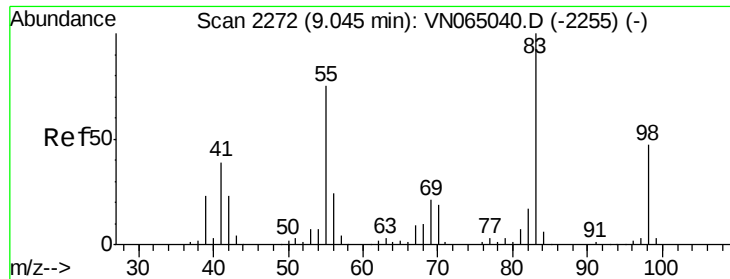
Tgt Ion: 43 Resp: 9697
Ion Ratio Lower Upper
43 100
61 15.4 11.9 17.9
70 10.4 9.2 13.8



#38
Carbon Tetrachloride
Concen: 4.774 ug/l
RT: 7.73 min Scan# 1862
Delta R.T. -0.01 min
Lab File: VN065038.D
Acq: 10 Dec 2020 10:23

Tgt Ion: 117 Resp: 14484
Ion Ratio Lower Upper
117 100
119 93.8 75.9 113.9
121 30.1 24.1 36.1

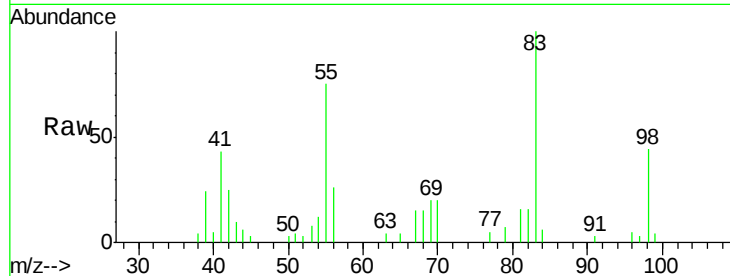




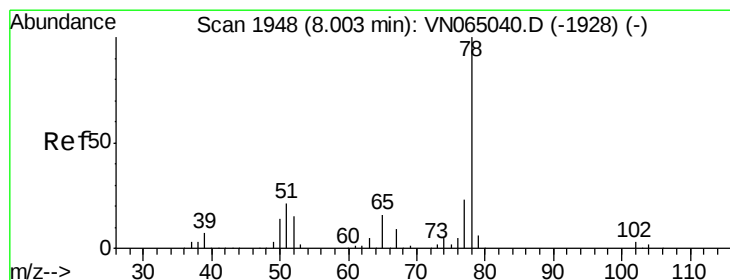
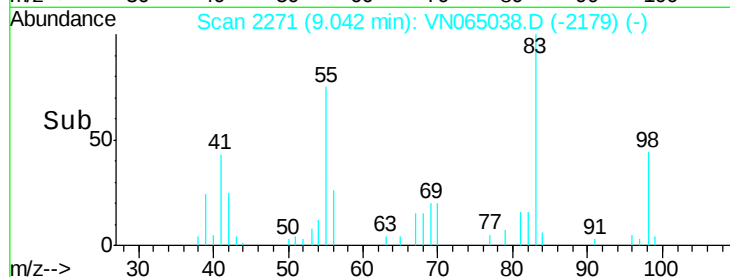
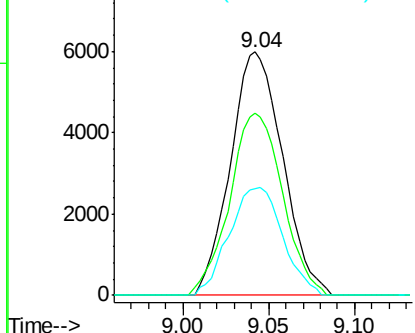
#39
Methylcyclohexane
Concen: 4.104 ug/l
RT: 9.04 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VN065038.D
Acq: 10 Dec 2020 10:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 12663
Ion Ratio Lower Upper
83 100
55 74.8 60.3 90.5
98 43.9 37.4 56.0

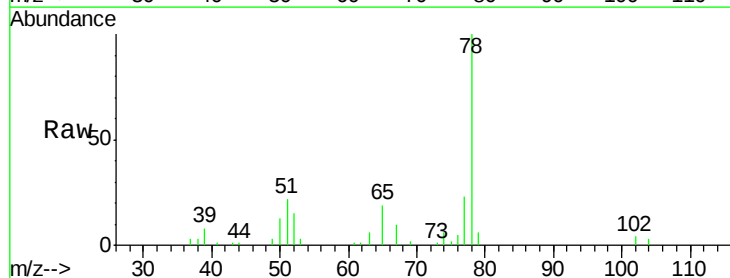


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

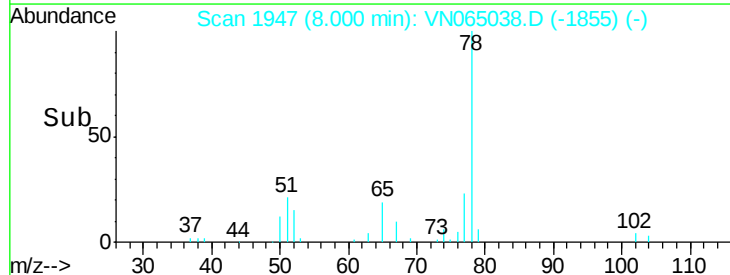
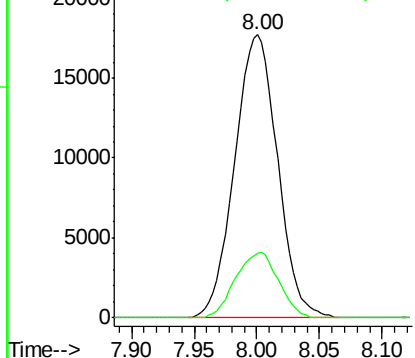


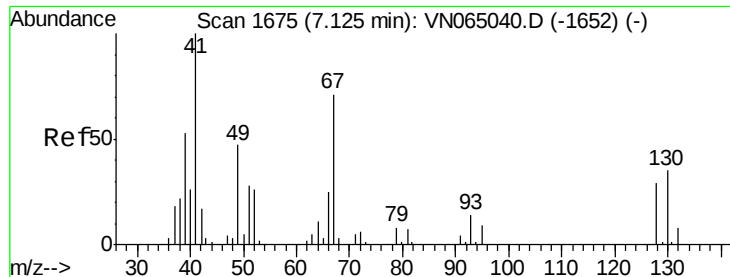
#40
Benzene
Concen: 4.726 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN065038.D
Acq: 10 Dec 2020 10:23

Tgt Ion: 78 Resp: 42160
Ion Ratio Lower Upper
78 100
77 23.0 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0





#41

Methacrylonitrile

Concen: 2.293 ug/l

RT: 7.11 min Scan# 1671

Delta R.T. -0.01 min

Lab File: VN065038.D

Acq: 10 Dec 2020 10:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 41 Resp: 3052

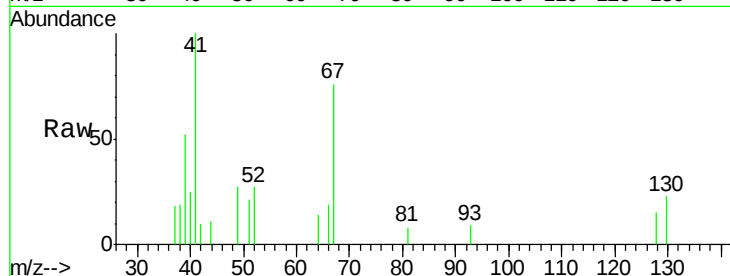
Ion Ratio Lower Upper

41 100

39 84.8 36.0 54.0#

67 143.7 64.8 97.2#

52 61.2 25.4 38.2#

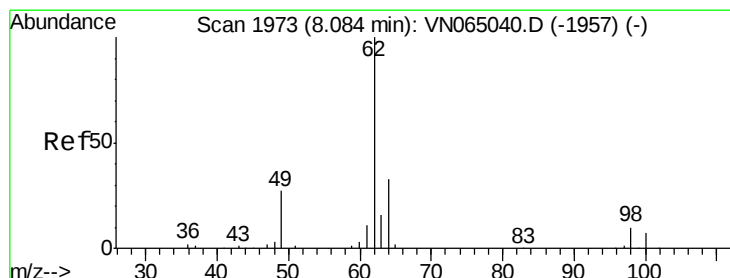
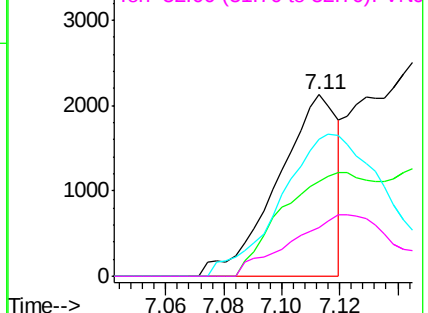
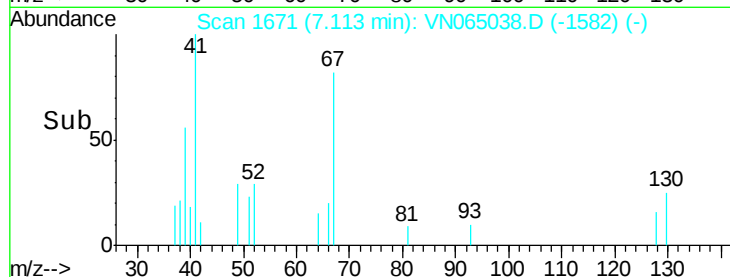


Abundance Ion 41.00 (40.70 to 41.70): VN065038.D (-1582) (-)

Ion 39.00 (38.70 to 39.70): VN065038.D (-1582) (-)

Ion 67.00 (66.70 to 67.70): VN065038.D (-1582) (-)

Ion 52.00 (51.70 to 52.70): VN065038.D (-1582) (-)



#42

1,2-Dichloroethane

Concen: 4.616 ug/l

RT: 8.08 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VN065038.D

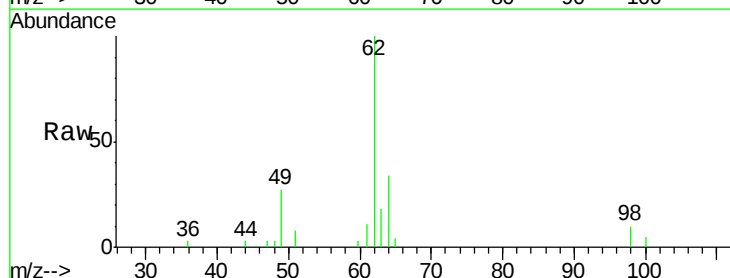
Acq: 10 Dec 2020 10:23

Tgt Ion: 62 Resp: 13918

Ion Ratio Lower Upper

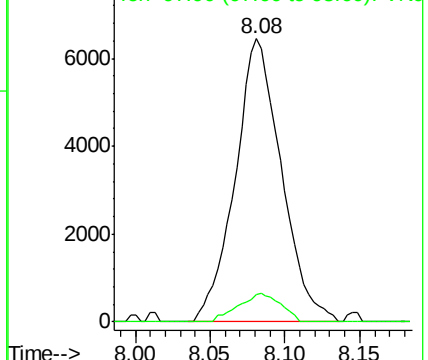
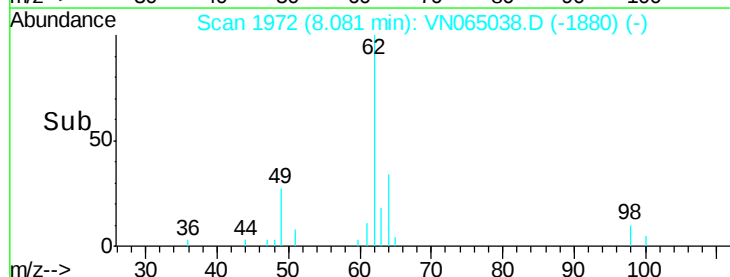
62 100

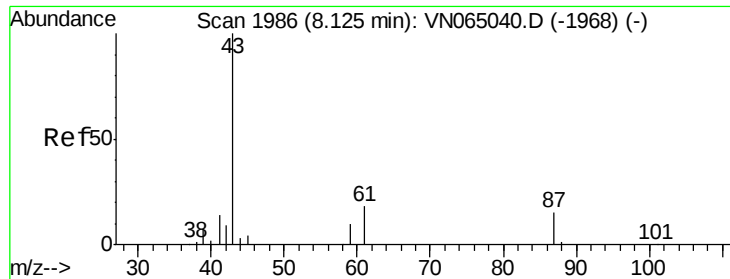
98 9.2 0.0 19.8



Abundance Ion 61.90 (61.60 to 62.60): VN065038.D (-1880) (-)

Ion 97.90 (97.60 to 98.60): VN065038.D (-1880) (-)

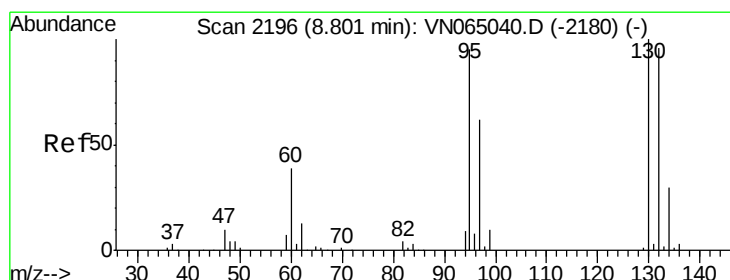
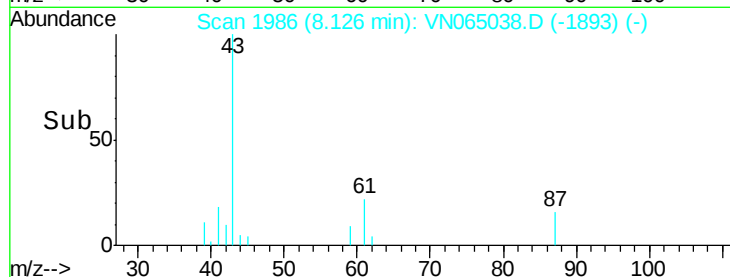
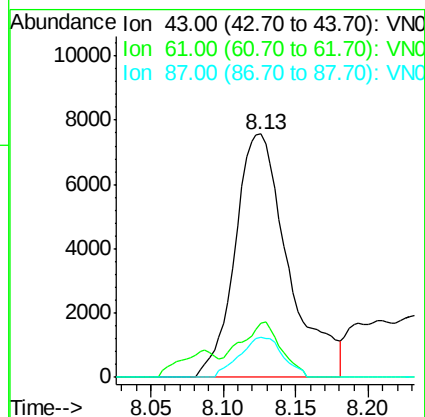
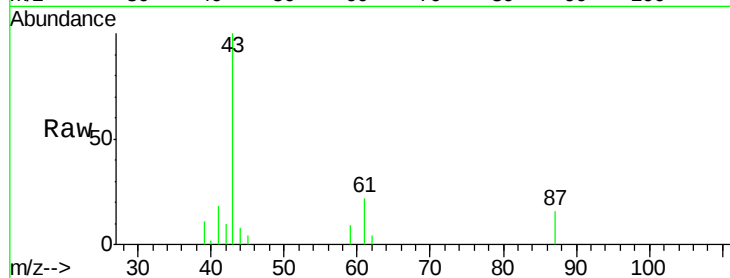




#43
Isopropyl Acetate
Concen: 4.324 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VN065038.D
Acq: 10 Dec 2020 10:23

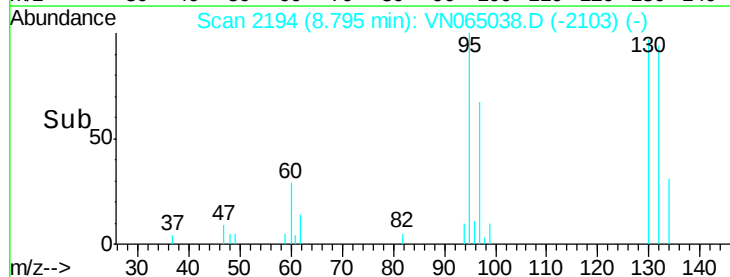
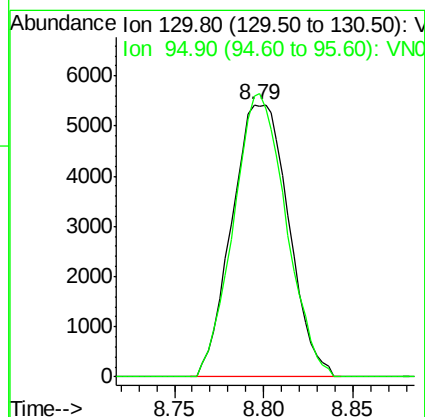
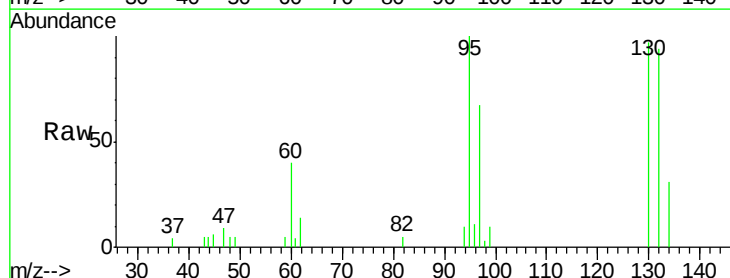
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

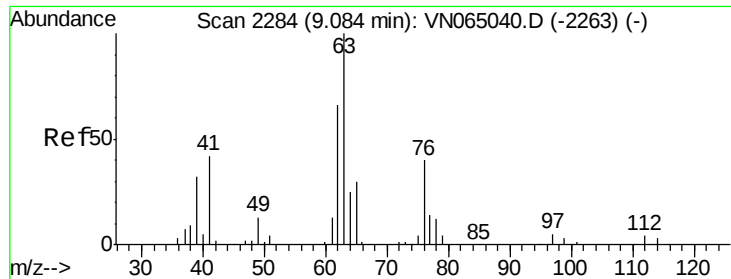
Tgt Ion: 43 Resp: 19334
Ion Ratio Lower Upper
43 100
61 18.0 16.9 25.3
87 13.4 11.4 17.2



#44
Trichloroethene
Concen: 4.590 ug/l
RT: 8.79 min Scan# 2194
Delta R.T. -0.01 min
Lab File: VN065038.D
Acq: 10 Dec 2020 10:23

Tgt Ion: 130 Resp: 12033
Ion Ratio Lower Upper
130 100
95 103.2 0.0 190.2

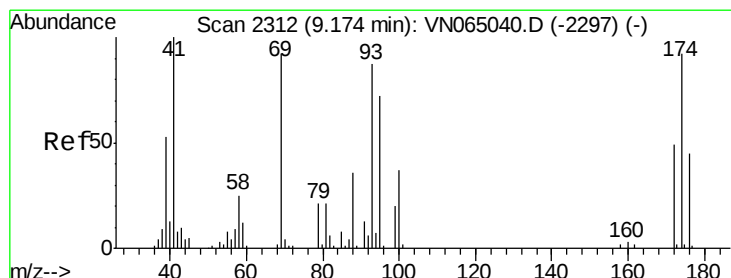
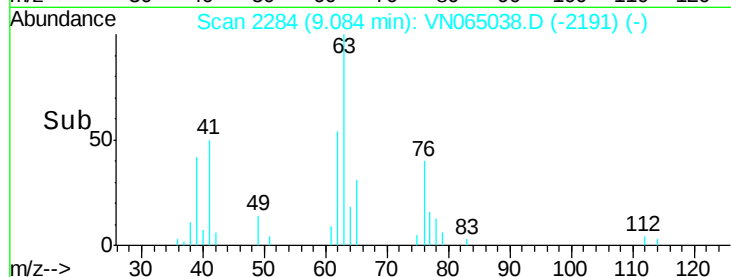
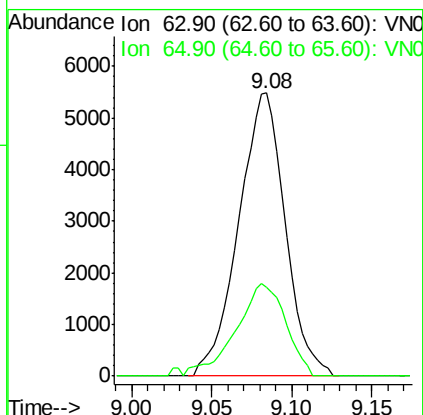
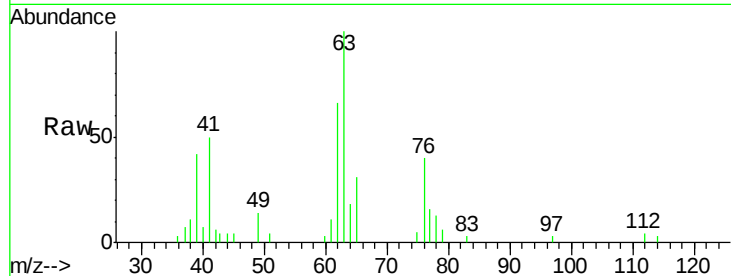




#45
 1,2-Dichloropropane
 Concen: 4.695 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN065038.D
 Acq: 10 Dec 2020 10:23

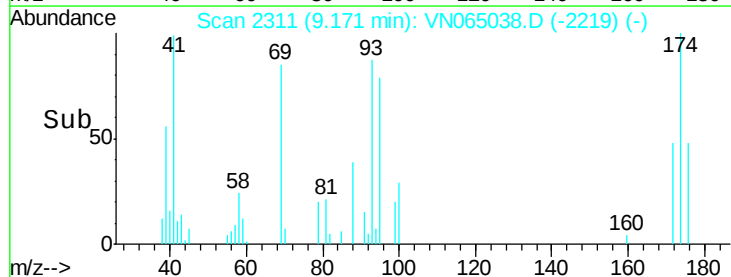
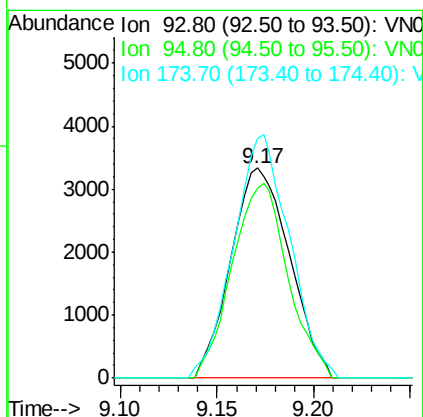
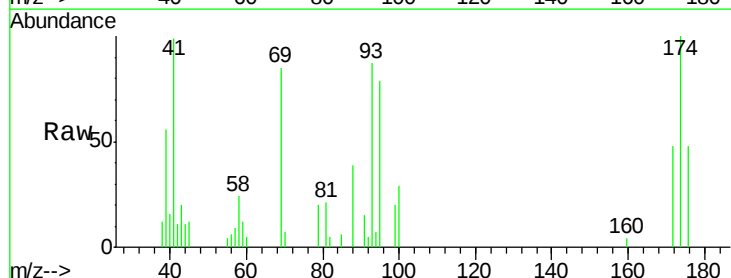
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

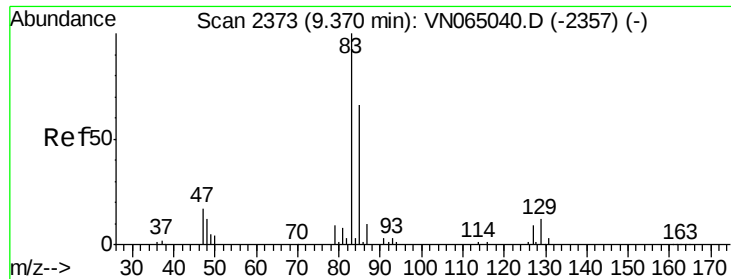
Tgt Ion: 63 Resp: 10942
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.0 36.0



#46
 Dibromomethane
 Concen: 4.533 ug/l
 RT: 9.17 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VN065038.D
 Acq: 10 Dec 2020 10:23

Tgt Ion: 93 Resp: 7032
 Ion Ratio Lower Upper
 93 100
 95 88.1 65.7 98.5
 174 110.3 83.0 124.4





#47

Bromodichloromethane

Concen: 4.692 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN065038.D

Acq: 10 Dec 2020 10:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

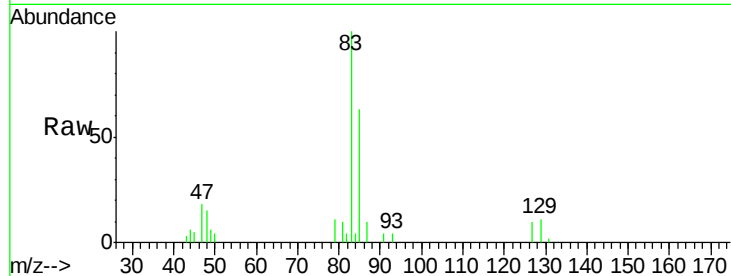
Tgt Ion: 83 Resp: 14645

Ion Ratio Lower Upper

83 100

85 63.3 52.5 78.7

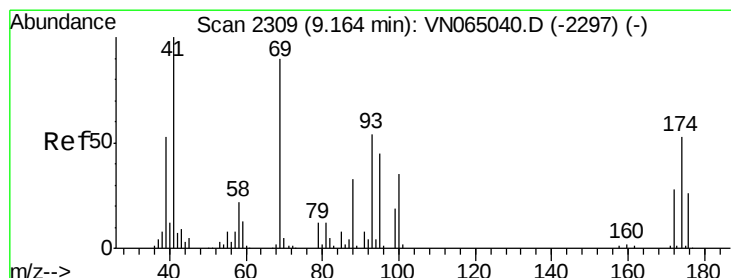
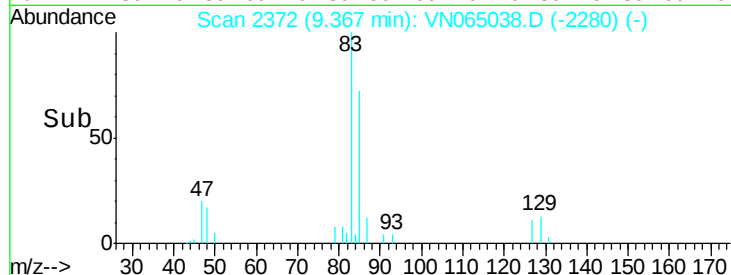
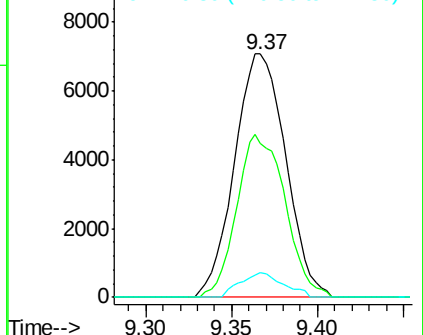
127 10.1 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VN065038.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN065038.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN065038.D (-2280) (-)



#48

Methyl methacrylate

Concen: 3.904 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN065038.D

Acq: 10 Dec 2020 10:23

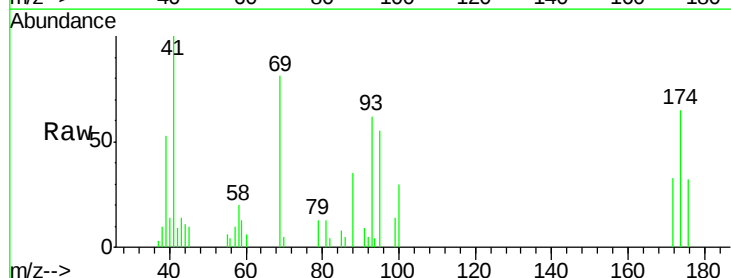
Tgt Ion: 41 Resp: 8340

Ion Ratio Lower Upper

41 100

69 80.5 72.1 108.1

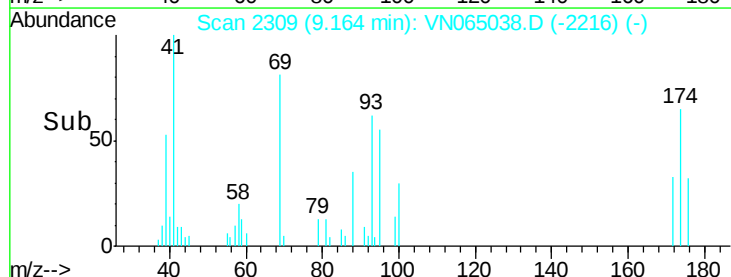
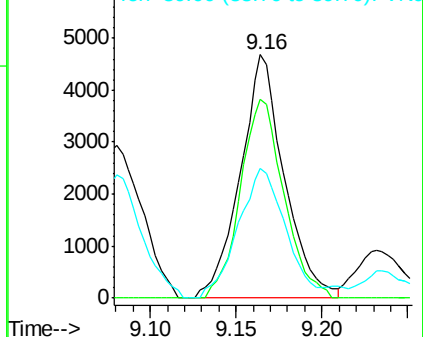
39 57.1 43.8 65.6

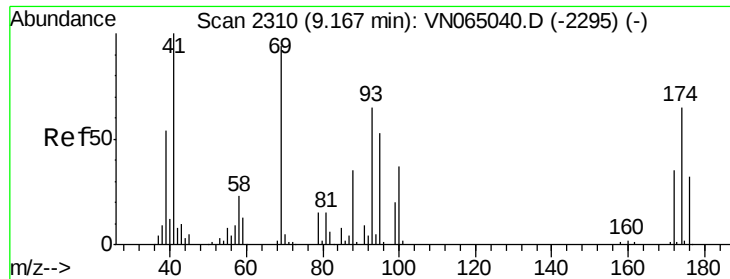


Abundance Ion 41.00 (40.70 to 41.70): VN065038.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN065038.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN065038.D (-2216) (-)

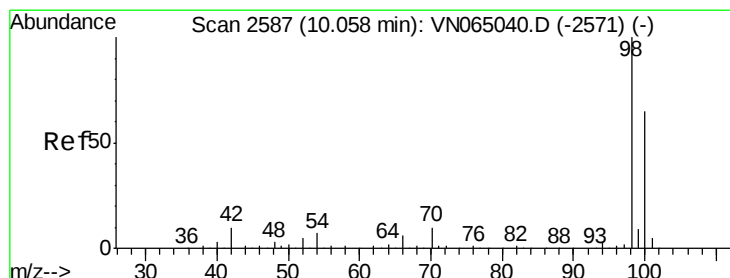
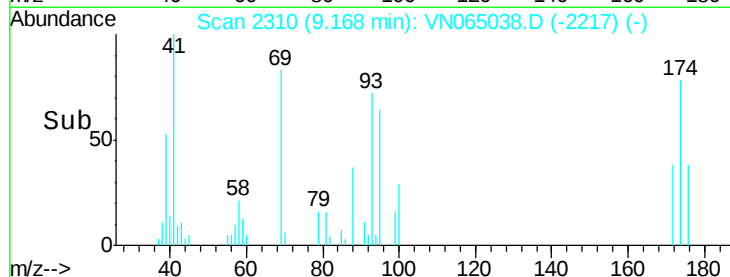
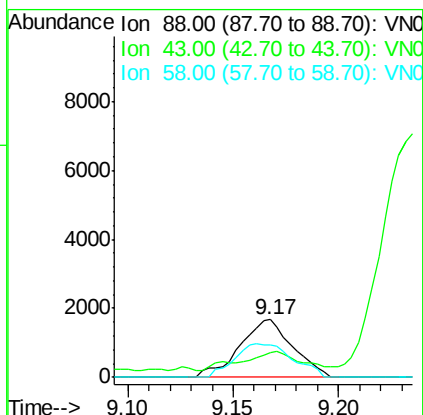
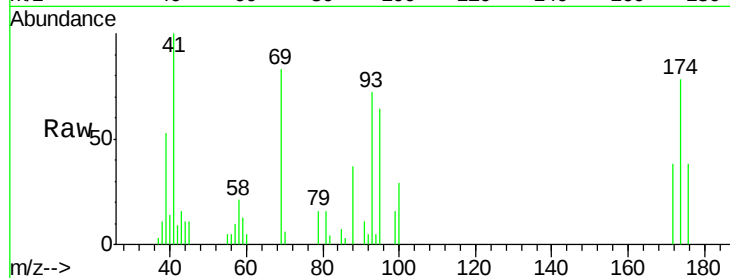




#49
1,4-Dioxane
Concen: 72.579 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN065038.D
Acq: 10 Dec 2020 10:23

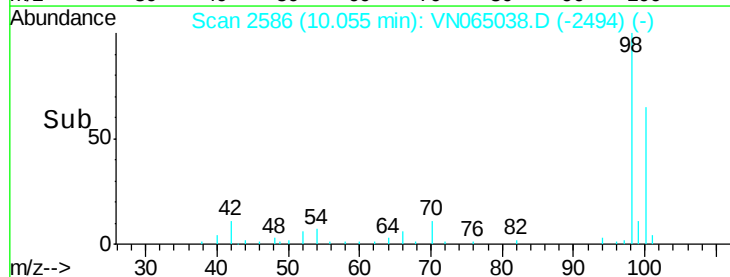
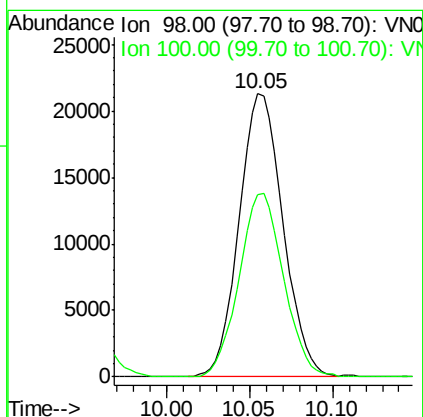
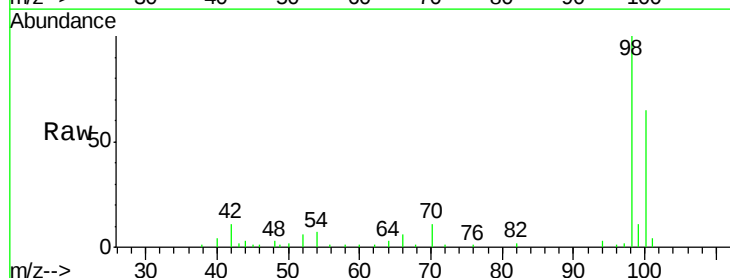
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

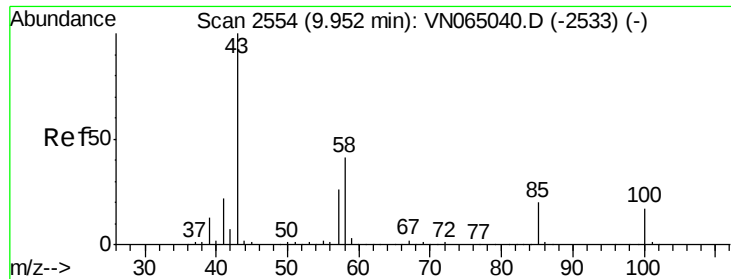
Tgt Ion: 88 Resp: 2924
Ion Ratio Lower Upper
88 100
43 35.1 21.1 31.7#
58 63.5 53.8 80.8



#50
Toluene-d8
Concen: 5.021 ug/l
RT: 10.05 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN065038.D
Acq: 10 Dec 2020 10:23

Tgt Ion: 98 Resp: 39101
Ion Ratio Lower Upper
98 100
100 65.8 51.6 77.4

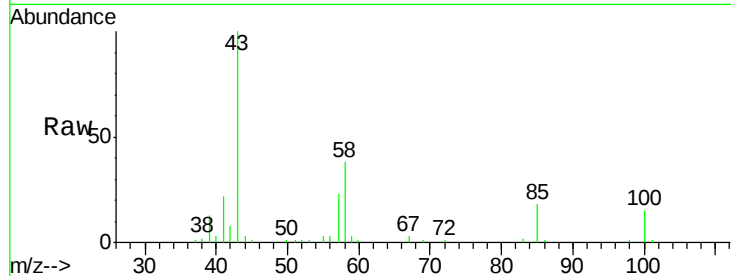




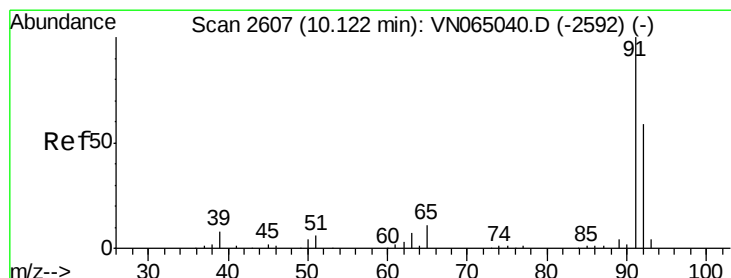
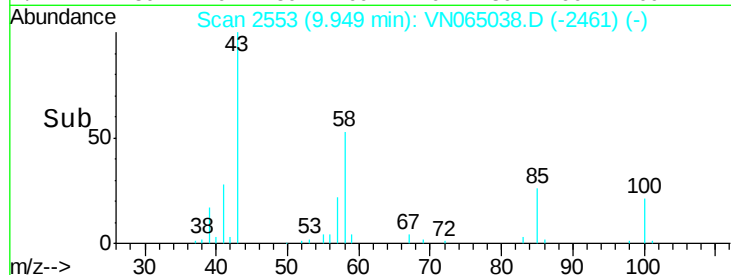
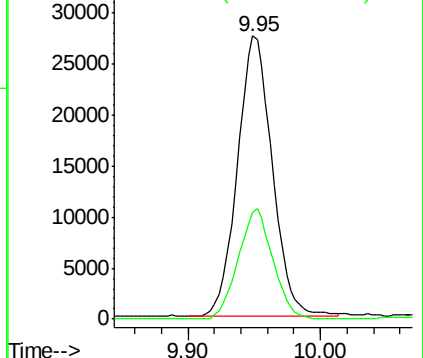
#51
4-Methyl-2-Pentanone
Concen: 18.805 ug/l
RT: 9.95 min Scan# 2553
Delta R.T. -0.00 min
Lab File: VN065038.D
Acq: 10 Dec 2020 10:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 50428
Ion Ratio Lower Upper
43 100
58 38.7 32.4 48.6

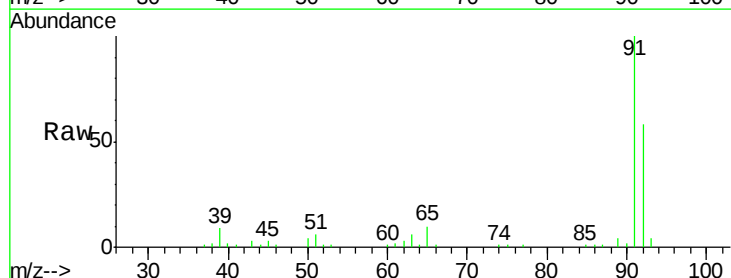


Abundance Ion 43.00 (42.70 to 43.70): VN065040.D (-2533) (-)
Ion 58.00 (57.70 to 58.70): VN065040.D (-2533) (-)

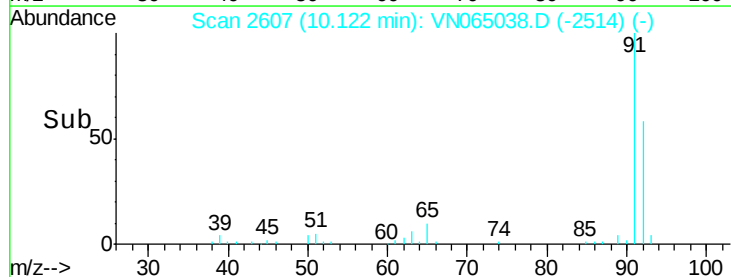
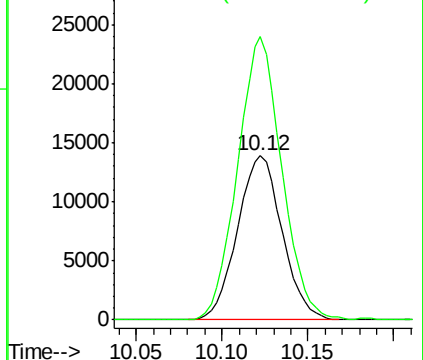


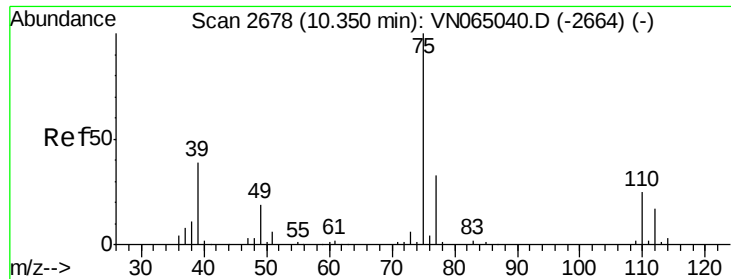
#52
Toluene
Concen: 4.550 ug/l
RT: 10.12 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN065038.D
Acq: 10 Dec 2020 10:23

Tgt Ion: 92 Resp: 25070
Ion Ratio Lower Upper
92 100
91 170.0 137.9 206.9



Abundance Ion 92.00 (91.70 to 92.70): VN065040.D (-2592) (-)
Ion 91.00 (90.70 to 91.70): VN065040.D (-2592) (-)





#53

t-1,3-Dichloropropene

Concen: 3.995 ug/l

RT: 10.35 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN065038.D

Acq: 10 Dec 2020 10:23

Instrument :

MSVOA_N

ClientSampleId :

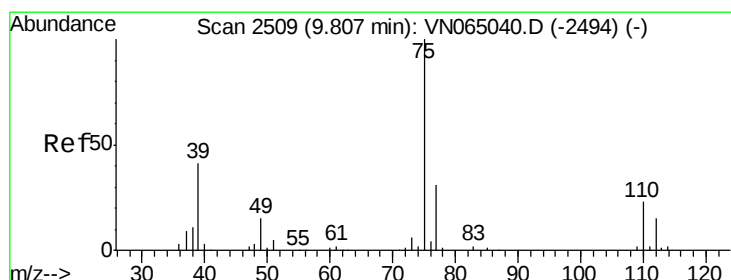
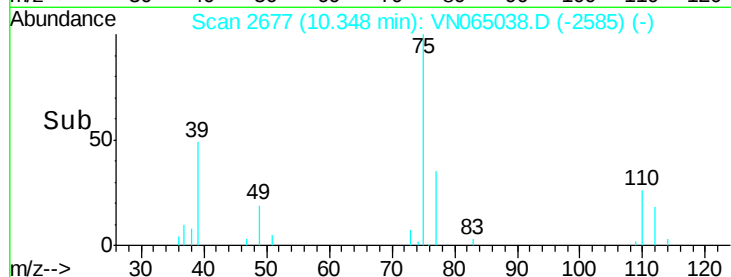
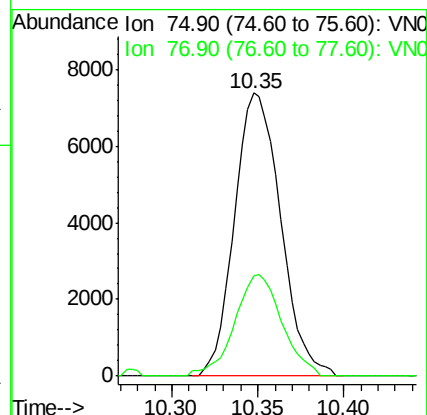
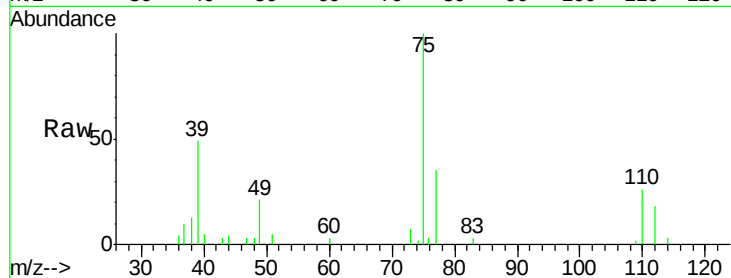
VSTDIC005

Tgt Ion: 75 Resp: 13820

Ion Ratio Lower Upper

75 100

77 35.3 26.0 39.0



#54

cis-1,3-Dichloropropene

Concen: 4.357 ug/l

RT: 9.80 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN065038.D

Acq: 10 Dec 2020 10:23

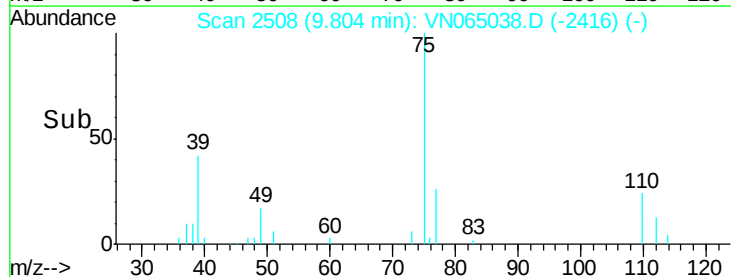
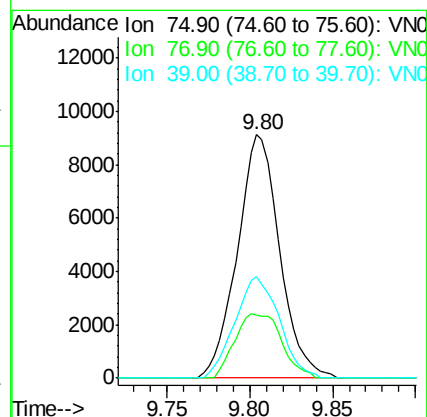
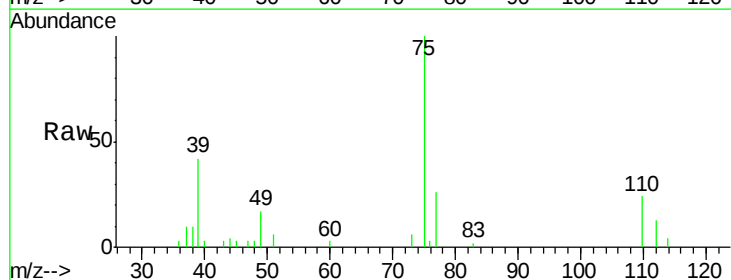
Tgt Ion: 75 Resp: 16193

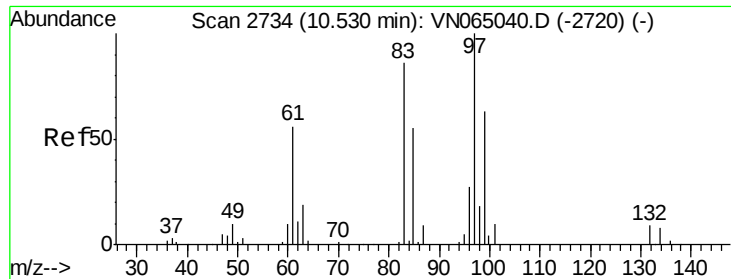
Ion Ratio Lower Upper

75 100

77 25.8 24.8 37.2

39 41.5 33.0 49.4

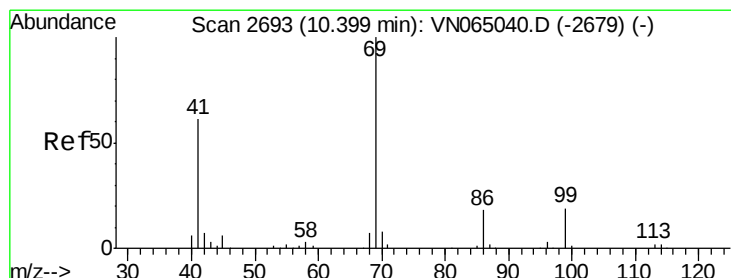
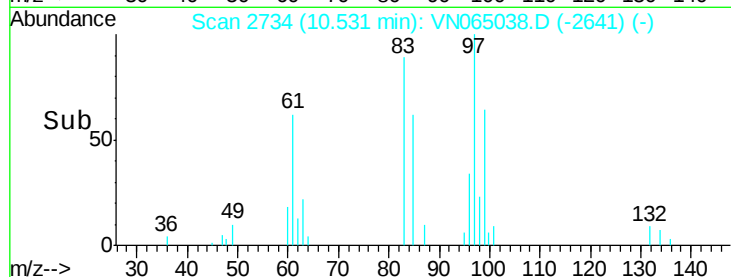
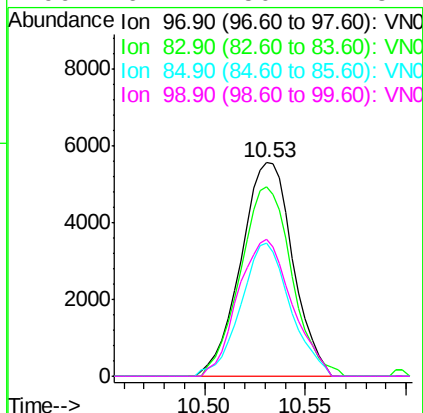
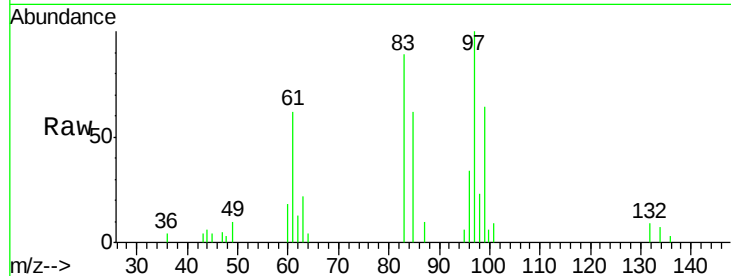




#55
 1,1,2-Trichloroethane
 Concen: 4.393 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN065038.D
 Acq: 10 Dec 2020 10:23

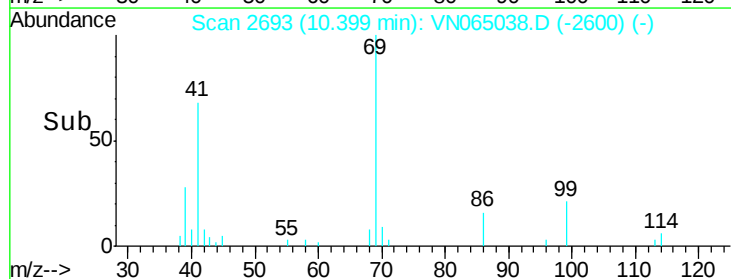
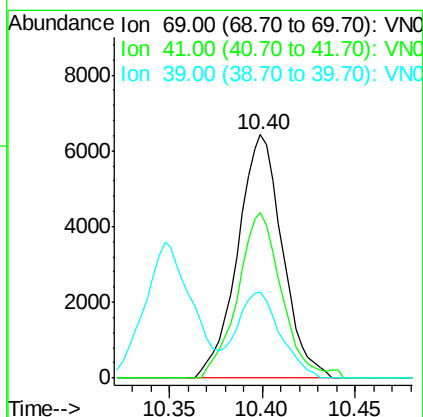
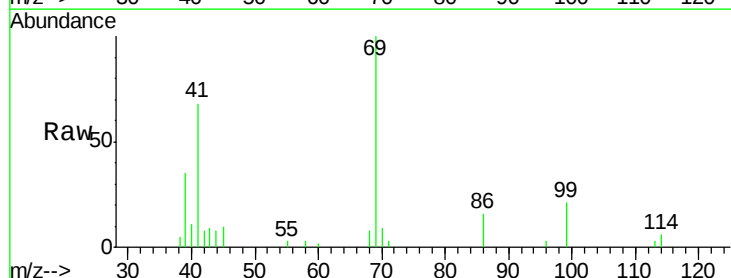
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

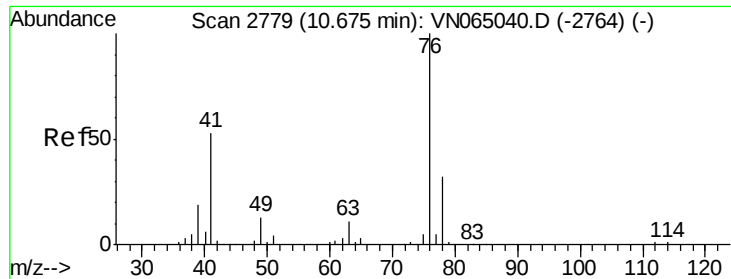
Tgt Ion:	97	Resp:	10020
Ion	Ratio	Lower	Upper
97	100		
83	88.7	69.0	103.6
85	62.1	43.6	65.4
99	64.2	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 3.475 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN065038.D
 Acq: 10 Dec 2020 10:23

Tgt Ion:	69	Resp:	10745
Ion	Ratio	Lower	Upper
69	100		
41	66.9	48.2	72.2
39	34.7	24.7	37.1

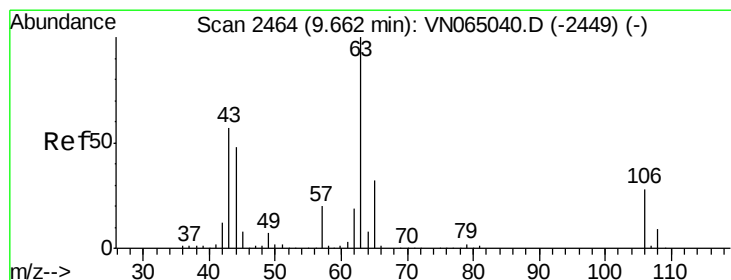
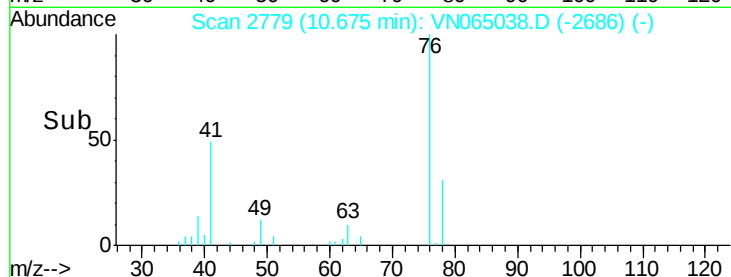
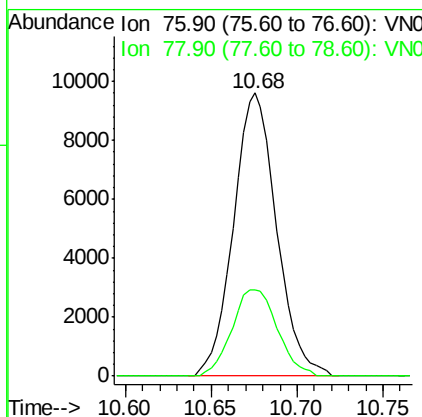
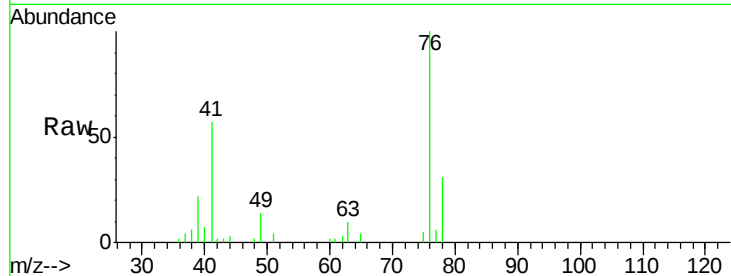




#57
 1,3-Dichloropropane
 Concen: 4.470 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN065038.D
 Acq: 10 Dec 2020 10:23

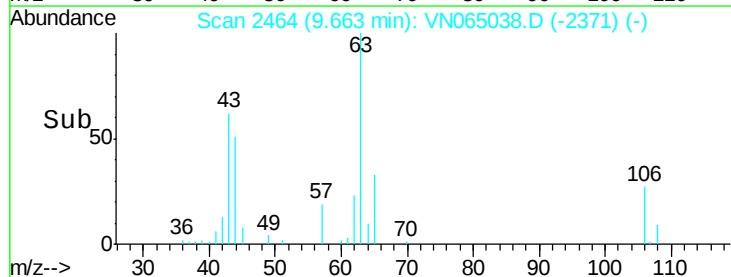
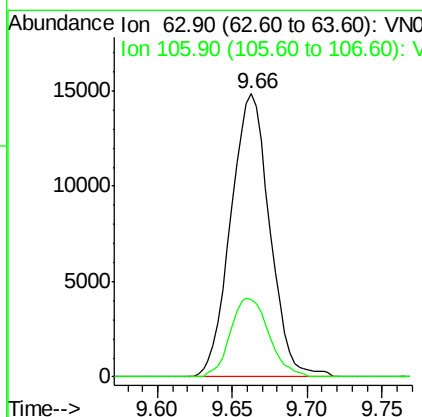
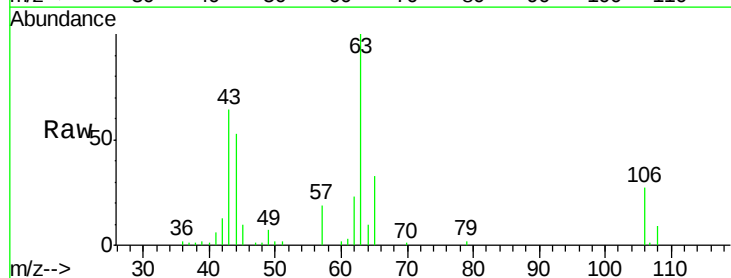
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC005

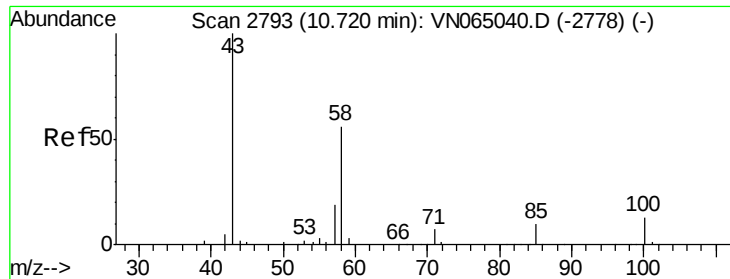
Tgt Ion: 76 Resp: 16704
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.5 39.7



#58
 2-Chloroethyl Vinyl ether
 Concen: 15.803 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN065038.D
 Acq: 10 Dec 2020 10:23

Tgt Ion: 63 Resp: 26940
 Ion Ratio Lower Upper
 63 100
 106 27.4 22.6 33.8





#59

2-Hexanone

Concen: 18.528 ug/l

RT: 10.72 min Scan# 2793

Delta R.T. 0.00 min

Lab File: VN065038.D

Acq: 10 Dec 2020 10:23

Instrument :

MSVOA_N

ClientSampleId :

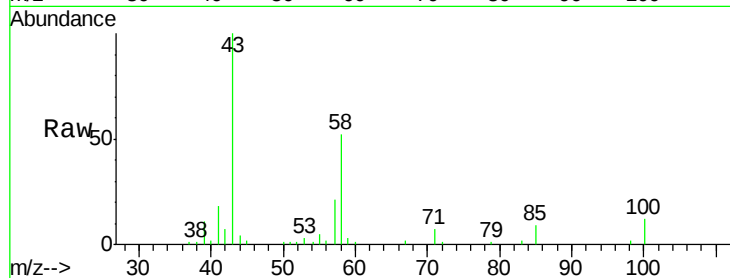
VSTDIC005

Tgt Ion: 43 Resp: 35727

Ion Ratio Lower Upper

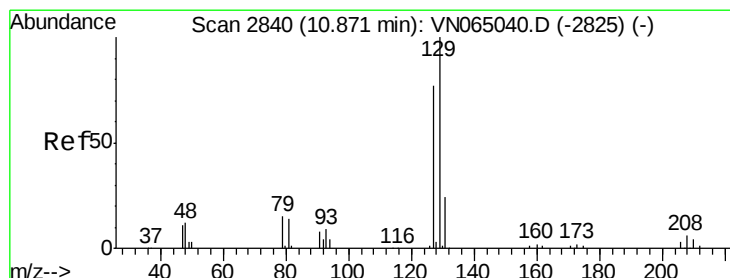
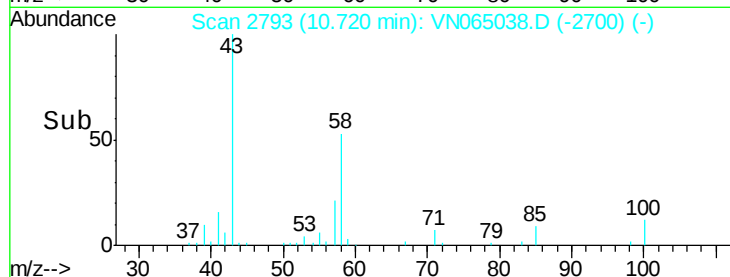
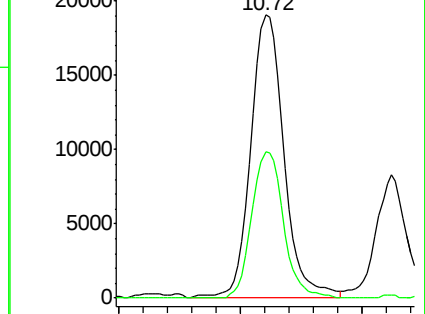
43 100

58 49.3 28.3 84.9



Abundance Ion 43.00 (42.70 to 43.70): VN065040.D (-2778) (-)

Ion 58.00 (57.70 to 58.70): VN065040.D (-2778) (-)



#60

Dibromochloromethane

Concen: 4.253 ug/l

RT: 10.87 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VN065038.D

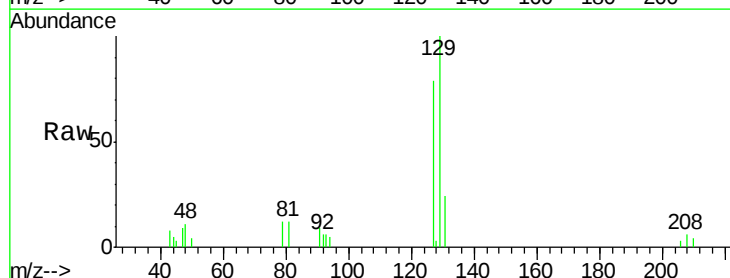
Acq: 10 Dec 2020 10:23

Tgt Ion: 129 Resp: 10733

Ion Ratio Lower Upper

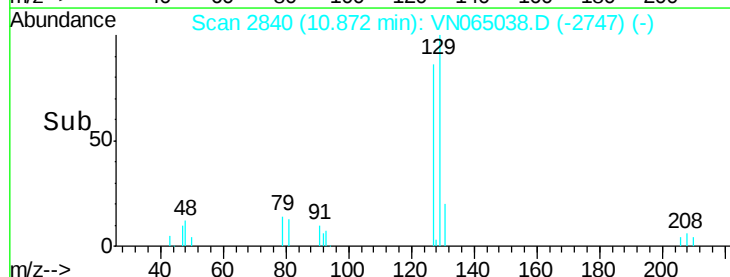
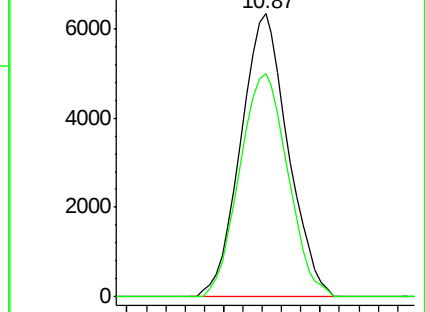
129 100

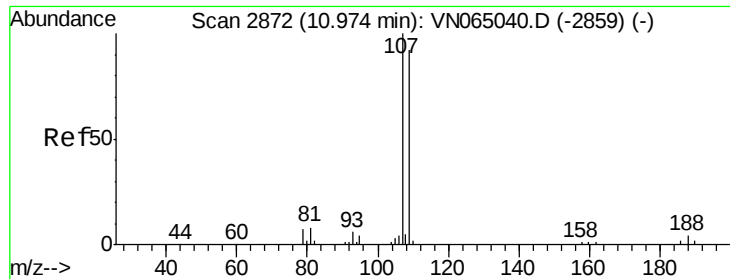
127 80.4 38.4 115.1



Abundance Ion 128.80 (128.50 to 129.50): VN065040.D (-2825) (-)

Ion 126.80 (126.50 to 127.50): VN065040.D (-2825) (-)





#61

1,2-Dibromoethane

Concen: 4.435 ug/l

RT: 10.97 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN065038.D

Acq: 10 Dec 2020 10:23

Instrument :

MSVOA_N

ClientSampleId :

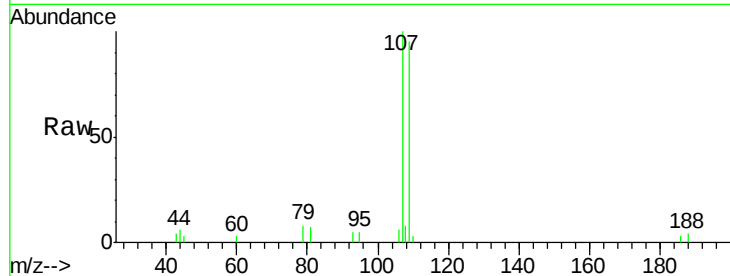
VSTDIC005

Tgt Ion: 107 Resp: 10212

Ion Ratio Lower Upper

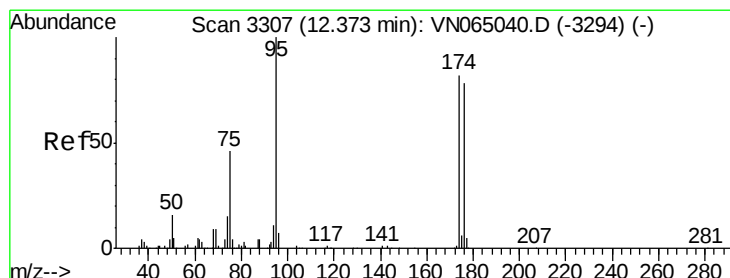
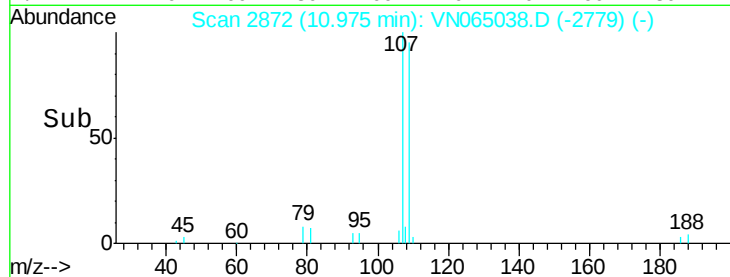
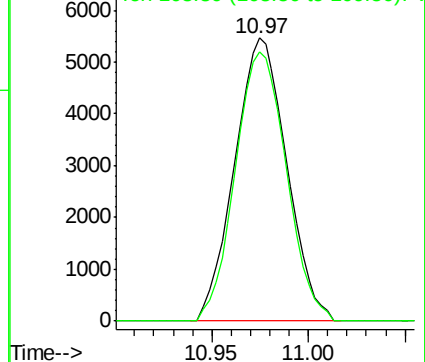
107 100

109 93.5 74.1 111.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 4.509 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN065038.D

Acq: 10 Dec 2020 10:23

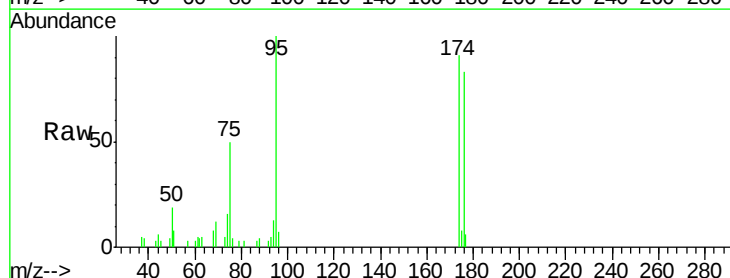
Tgt Ion: 95 Resp: 12504

Ion Ratio Lower Upper

95 100

174 85.9 0.0 164.8

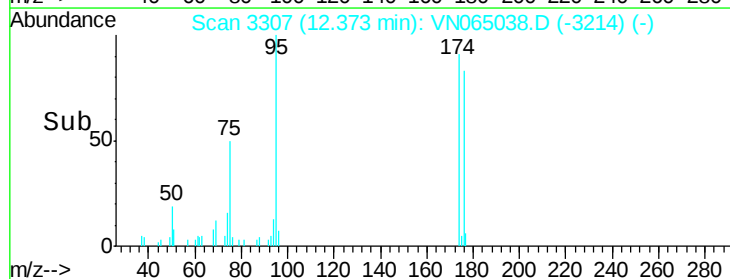
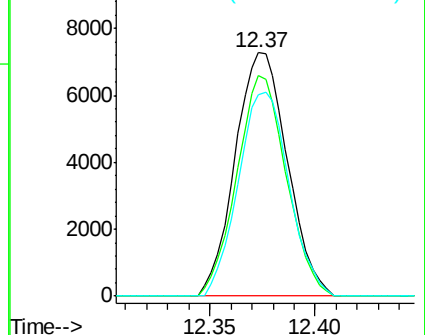
176 81.6 0.0 158.8

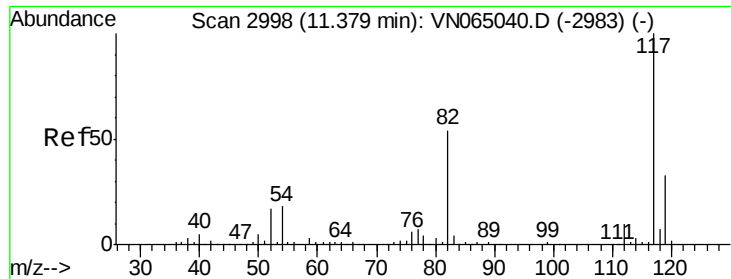


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2997

Delta R.T. -0.00 min

Lab File: VN065038.D

Acq: 10 Dec 2020 10:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

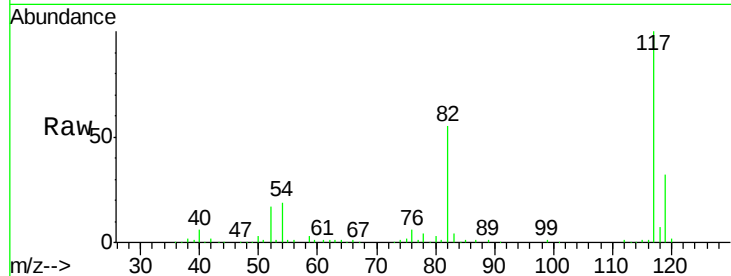
Tgt Ion:117 Resp: 284119

Ion Ratio Lower Upper

117 100

82 54.6 43.5 65.3

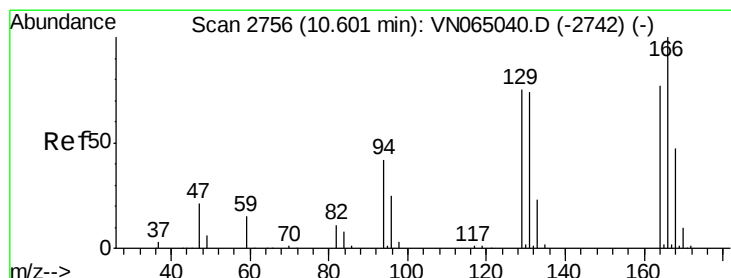
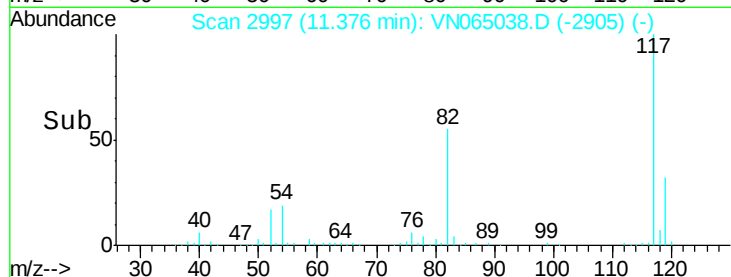
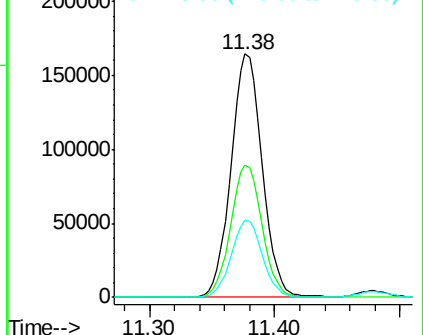
119 31.6 26.4 39.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 4.369 ug/l

RT: 10.60 min Scan# 2755

Delta R.T. -0.00 min

Lab File: VN065038.D

Acq: 10 Dec 2020 10:23

Tgt Ion:164 Resp: 11927

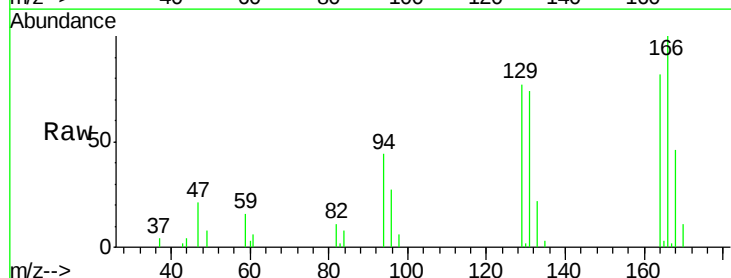
Ion Ratio Lower Upper

164 100

166 122.6 103.3 154.9

129 95.0 77.0 115.4

131 91.1 76.1 114.1

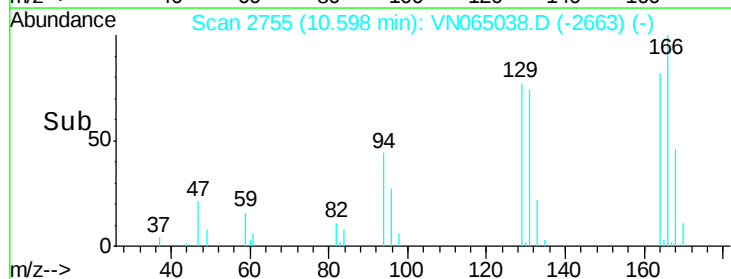
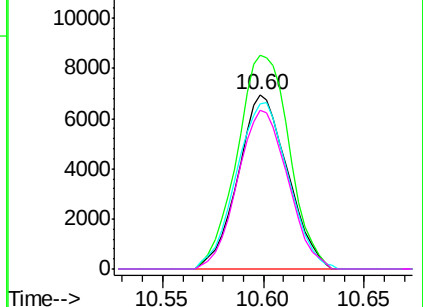


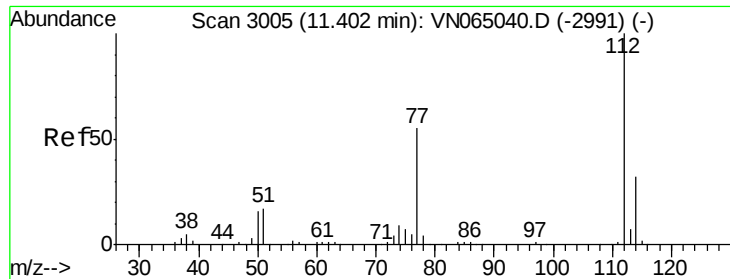
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

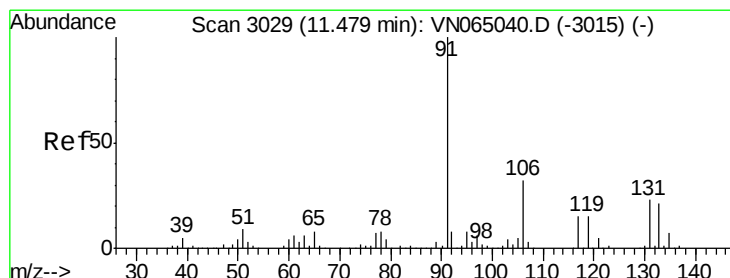
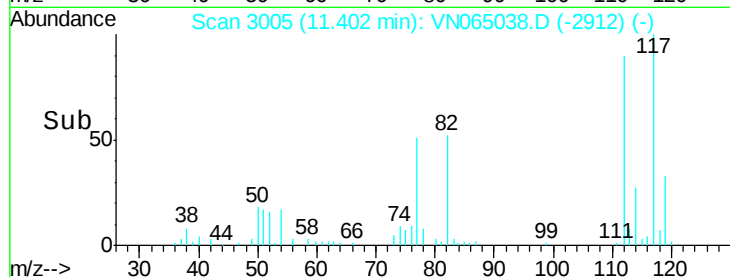
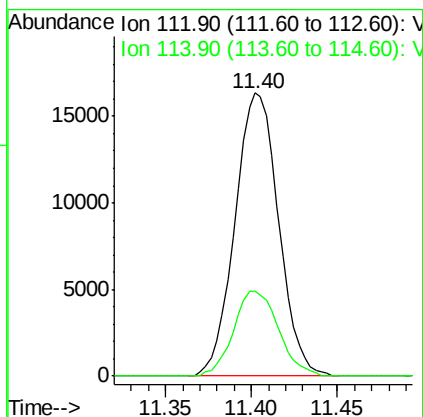
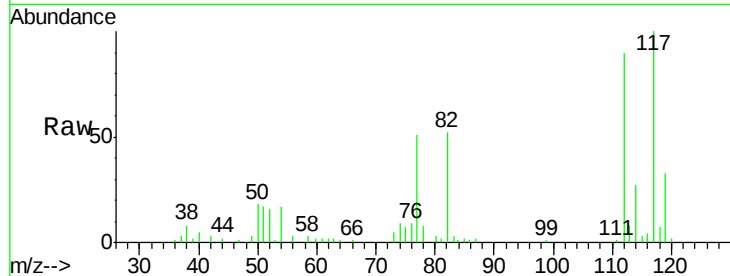




#65
Chlorobenzene
Concen: 4.718 ug/l
RT: 11.40 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VN065038.D
Acq: 10 Dec 2020 10:23

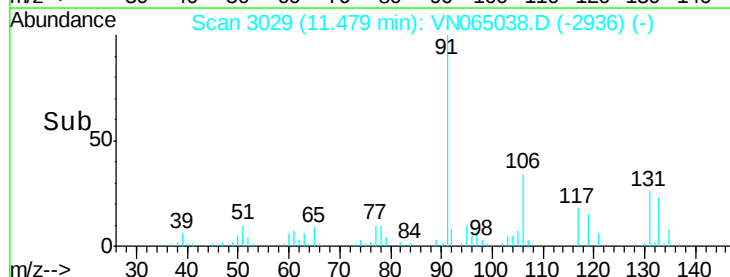
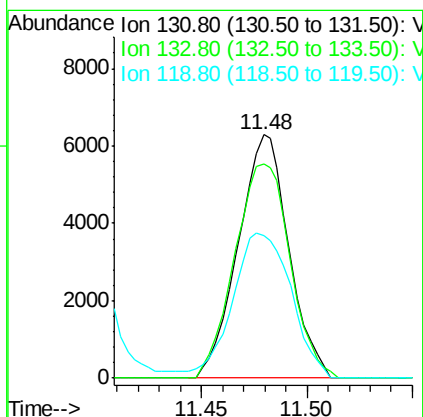
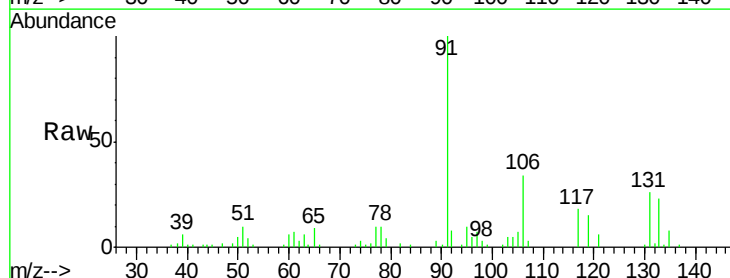
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

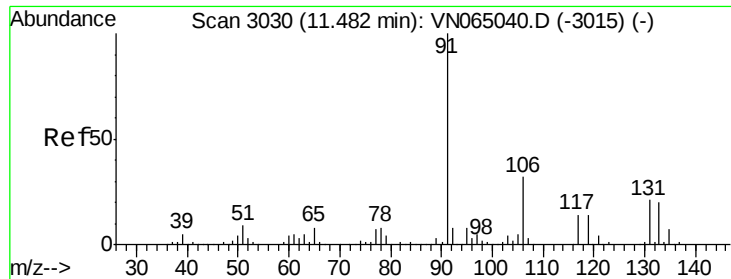
Tgt Ion:112 Resp: 28854
Ion Ratio Lower Upper
112 100
114 30.0 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 4.658 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN065038.D
Acq: 10 Dec 2020 10:23

Tgt Ion:131 Resp: 10468
Ion Ratio Lower Upper
131 100
133 96.6 48.7 146.1
119 69.2 33.2 99.6

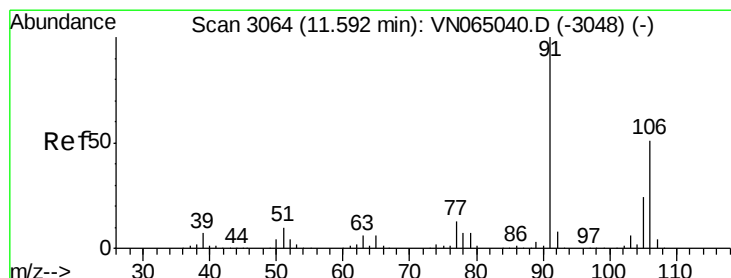
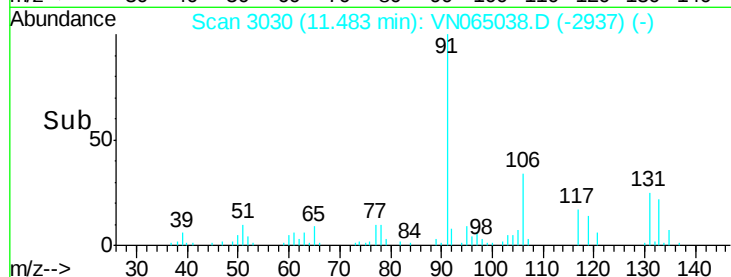
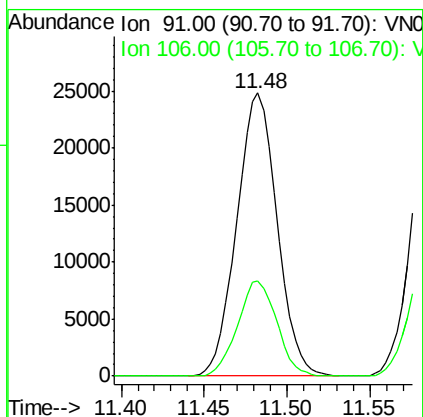
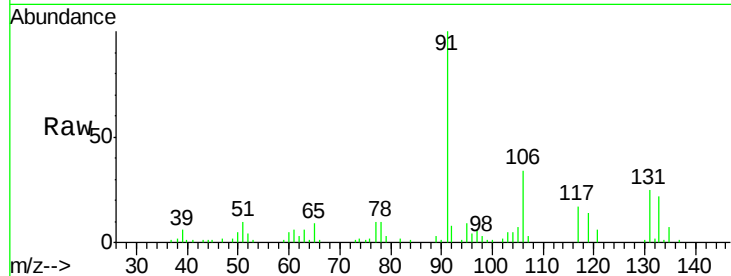




#67
Ethyl Benzene
Concen: 4.137 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN065038.D
Acq: 10 Dec 2020 10:23

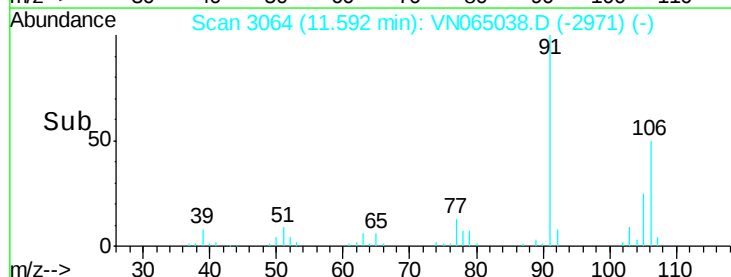
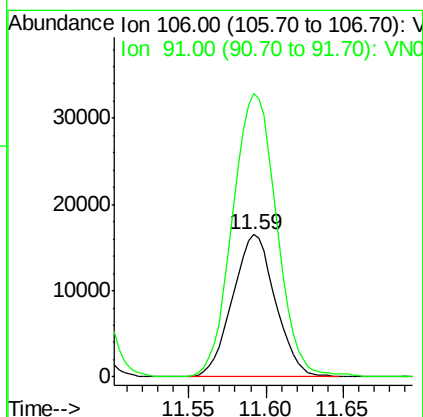
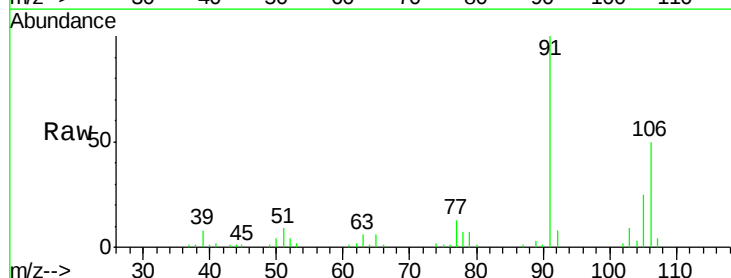
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

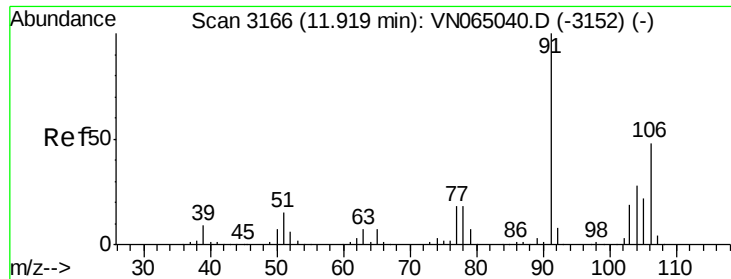
Tgt Ion: 91 Resp: 41970
Ion Ratio Lower Upper
91 100
106 33.8 25.7 38.5



#68
m/p-Xylenes
Concen: 8.216 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. 0.00 min
Lab File: VN065038.D
Acq: 10 Dec 2020 10:23

Tgt Ion: 106 Resp: 31745
Ion Ratio Lower Upper
106 100
91 205.4 157.0 235.6

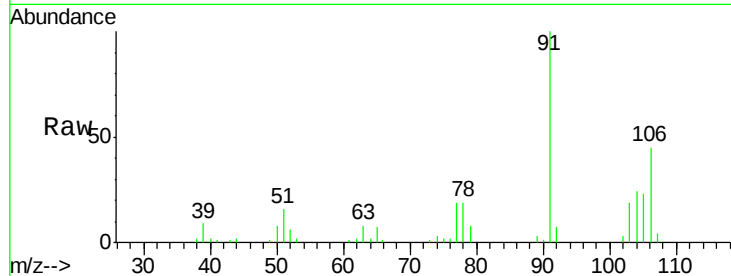




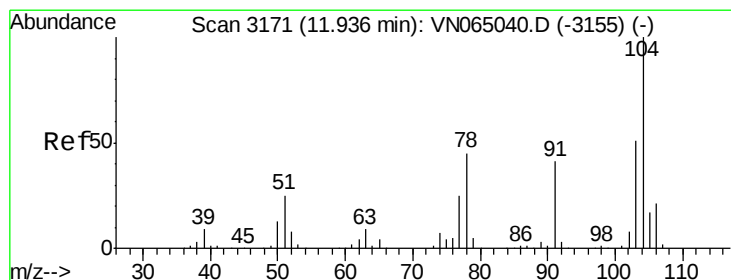
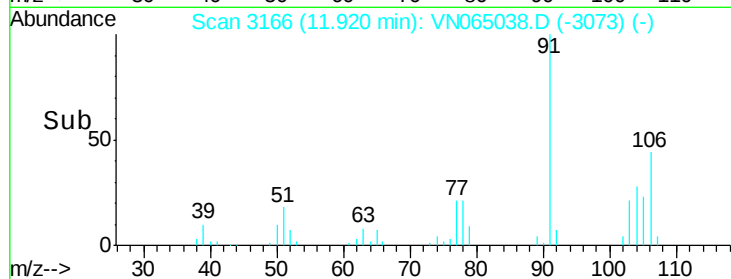
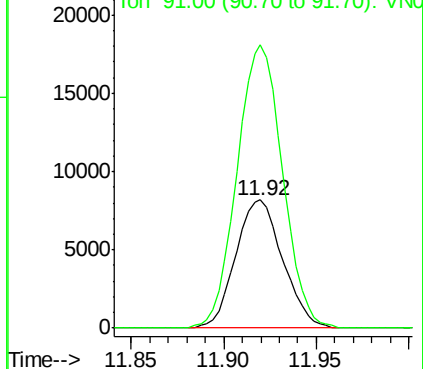
#69
o-Xylene
Concen: 3.937 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN065038.D
Acq: 10 Dec 2020 10:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 14411
Ion Ratio Lower Upper
106 100
91 213.5 104.1 312.3

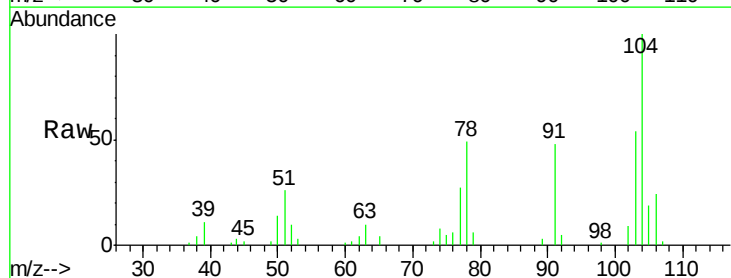


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

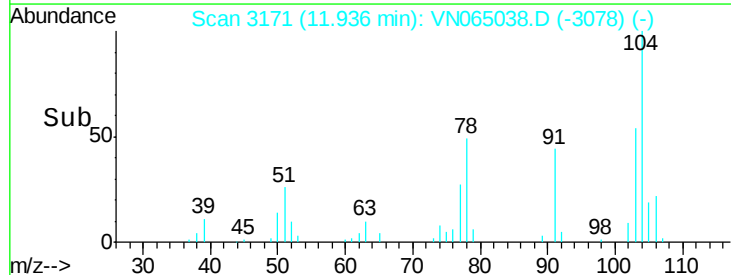
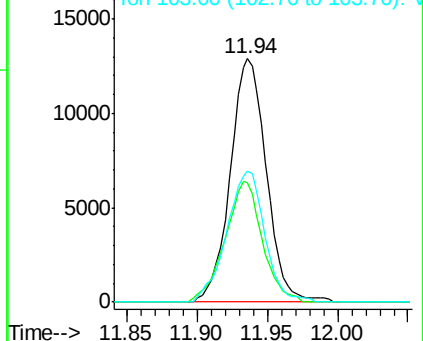


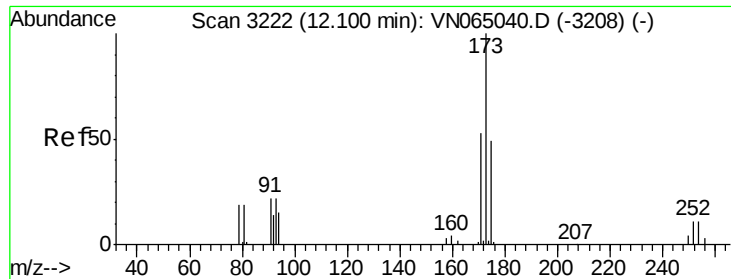
#70
Styrene
Concen: 3.744 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN065038.D
Acq: 10 Dec 2020 10:23

Tgt Ion:104 Resp: 23145
Ion Ratio Lower Upper
104 100
78 51.0 38.7 58.1
103 56.7 43.8 65.8



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 4.344 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN065038.D

Acq: 10 Dec 2020 10:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

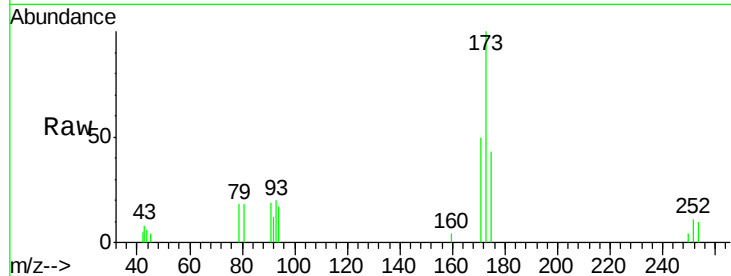
Tgt Ion:173 Resp: 7754

Ion Ratio Lower Upper

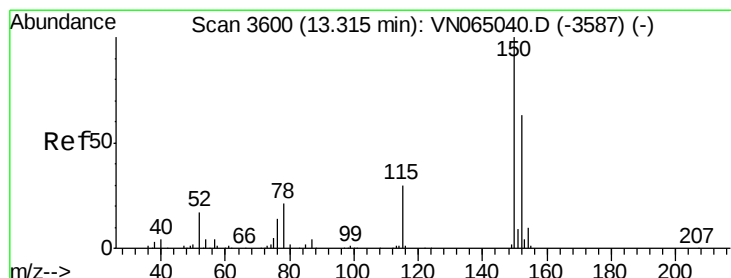
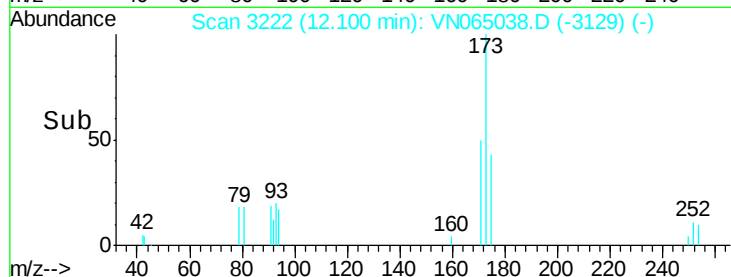
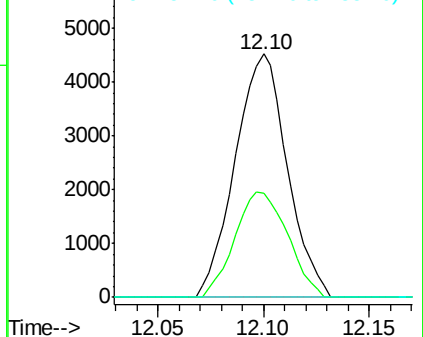
173 100

175 43.8 24.5 73.5

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN065038.D

Acq: 10 Dec 2020 10:23

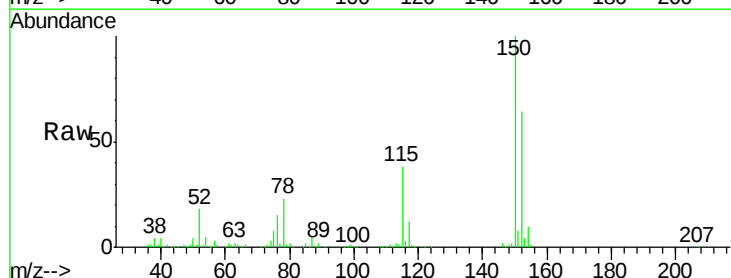
Tgt Ion:152 Resp: 130850

Ion Ratio Lower Upper

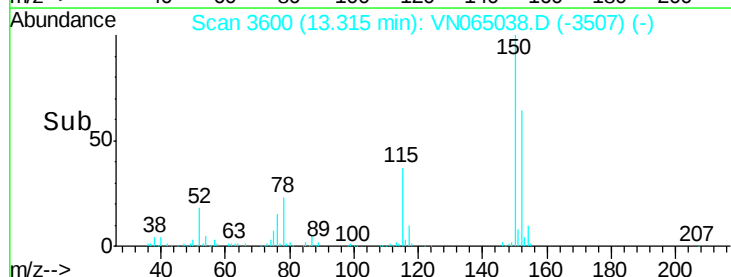
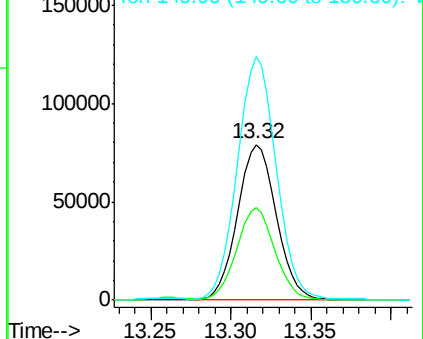
152 100

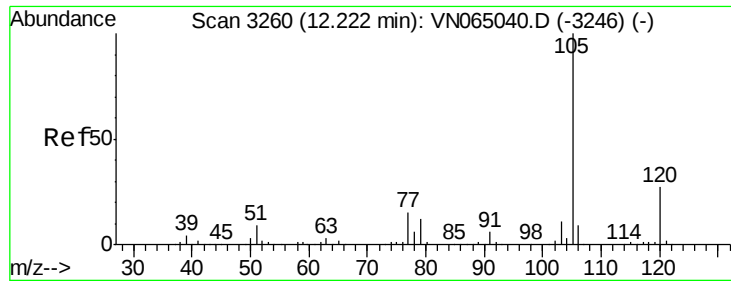
115 57.9 29.3 88.0

150 156.5 0.0 345.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 4.101 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN065038.D

Acq: 10 Dec 2020 10:23

Instrument :

MSVOA_N

ClientSampleId :

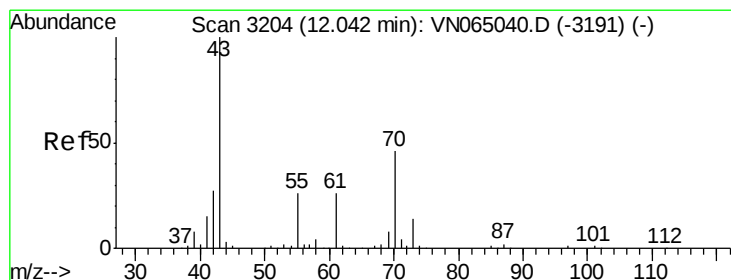
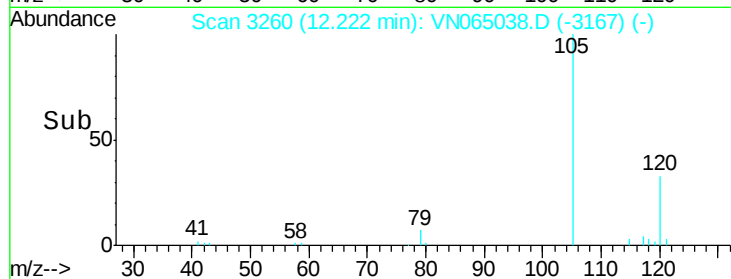
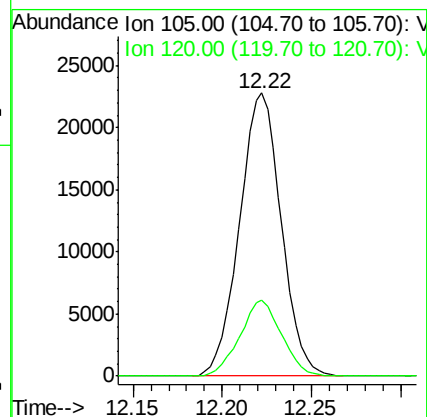
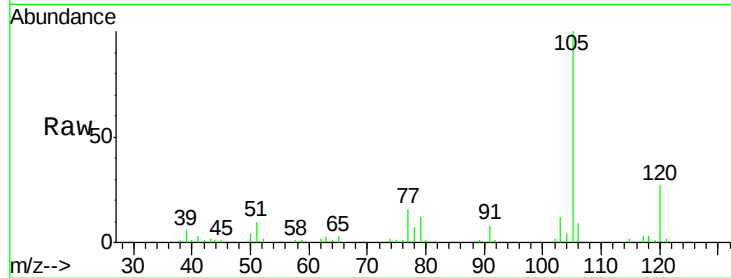
VSTDIC005

Tgt Ion: 105 Resp: 37164

Ion Ratio Lower Upper

105 100

120 26.7 13.4 40.2



#74

N-ethyl acetate

Concen: 3.558 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. 0.00 min

Lab File: VN065038.D

Acq: 10 Dec 2020 10:23

Tgt Ion: 43 Resp: 12469

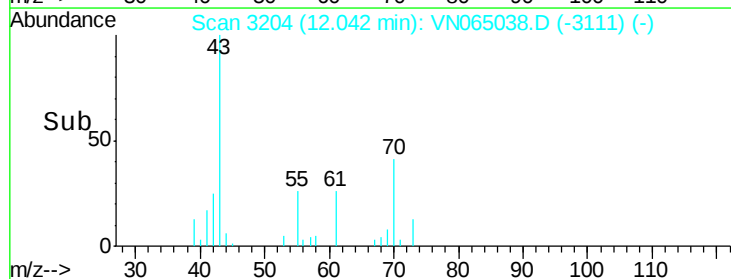
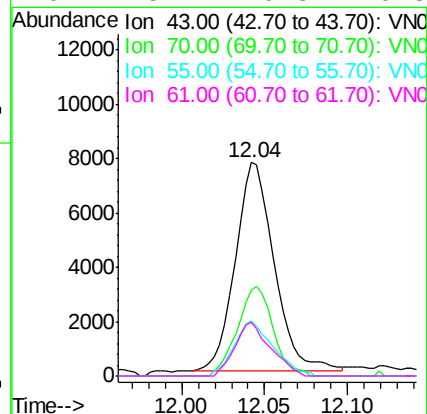
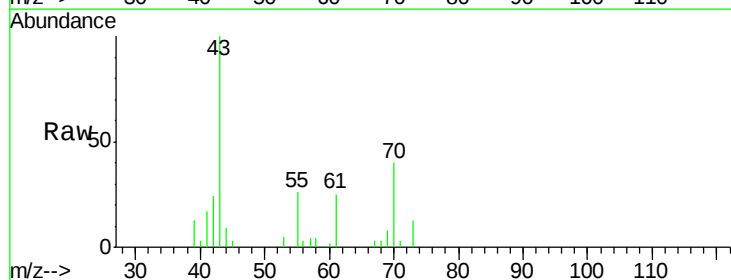
Ion Ratio Lower Upper

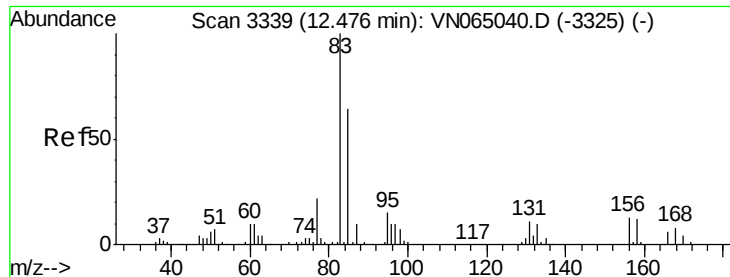
43 100

70 39.3 36.2 54.2

55 26.8 21.4 32.0

61 23.7 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 4.911 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN065038.D

Acq: 10 Dec 2020 10:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

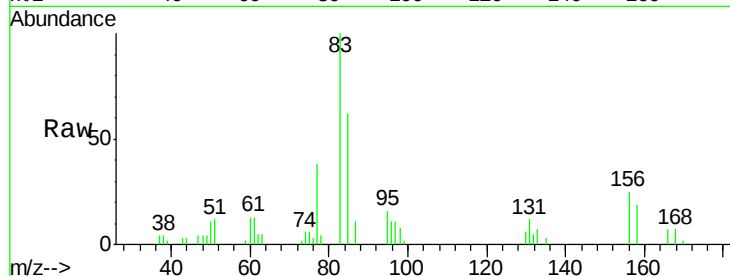
Tgt Ion: 83 Resp: 13092

Ion Ratio Lower Upper

83 100

131 10.3 5.5 16.4

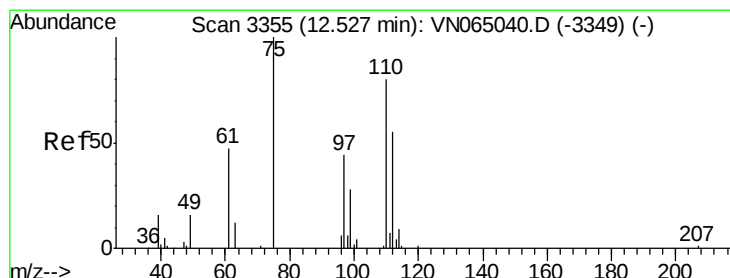
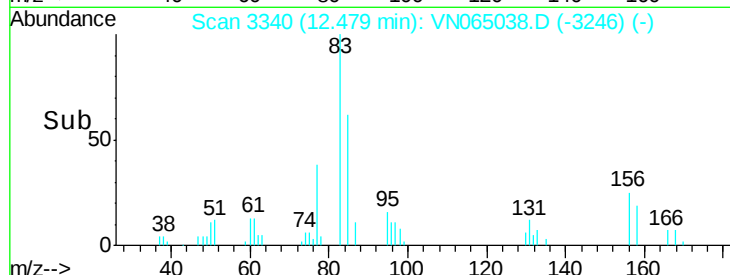
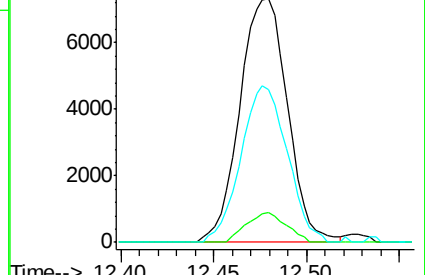
85 62.3 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VN065038.D (-3340) (-)

Ion 130.80 (130.50 to 131.50): VN065038.D (-3340) (-)

Ion 84.90 (84.60 to 85.60): VN065038.D (-3340) (-)



#76

1,2,3-Trichloropropane

Concen: 6.062 ug/l

RT: 12.52 min Scan# 3354

Delta R.T. -0.00 min

Lab File: VN065038.D

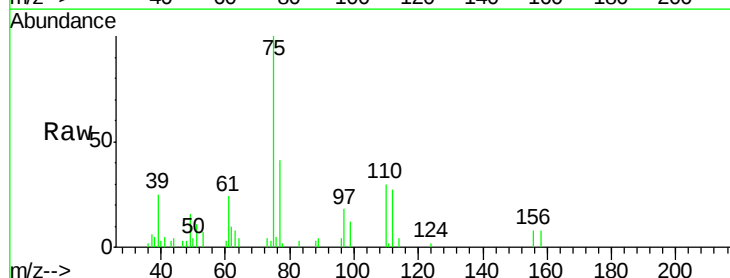
Acq: 10 Dec 2020 10:23

Tgt Ion: 75 Resp: 16819

Ion Ratio Lower Upper

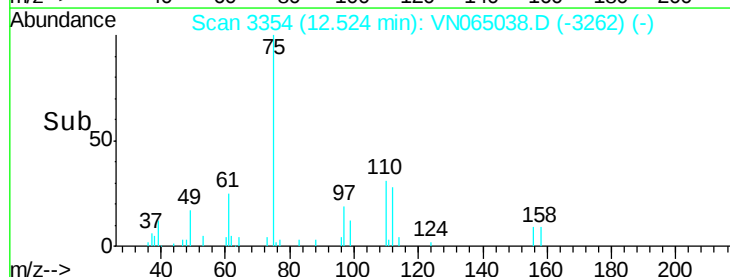
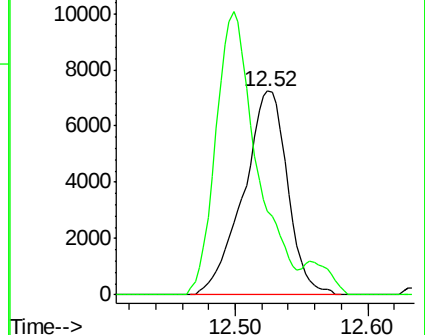
75 100

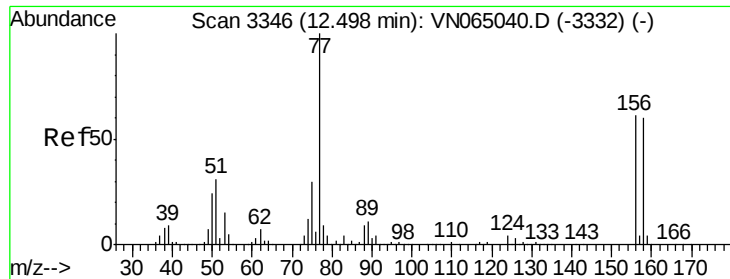
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN065038.D (-3354) (-)

Ion 77.00 (76.70 to 77.70): VN065038.D (-3354) (-)





#77

Bromobenzene

Concen: 4.644 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN065038.D

Acq: 10 Dec 2020 10:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

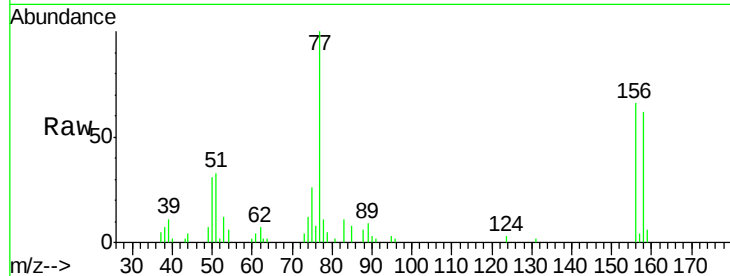
Tgt Ion:156 Resp: 11380

Ion Ratio Lower Upper

156 100

77 189.7 99.3 297.8

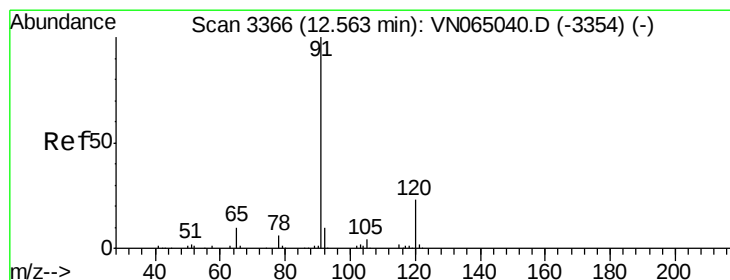
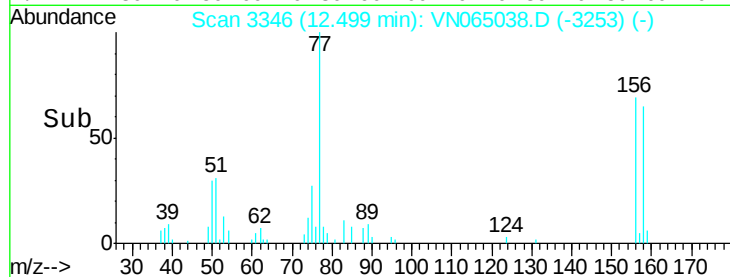
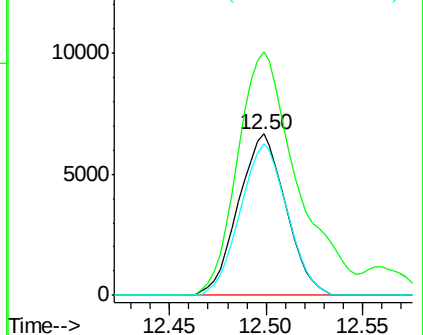
158 93.0 49.0 147.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 4.098 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. 0.00 min

Lab File: VN065038.D

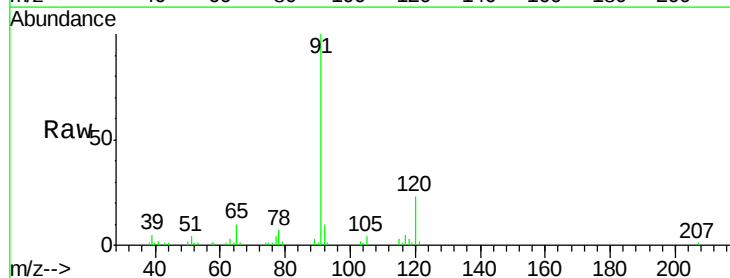
Acq: 10 Dec 2020 10:23

Tgt Ion: 91 Resp: 42151

Ion Ratio Lower Upper

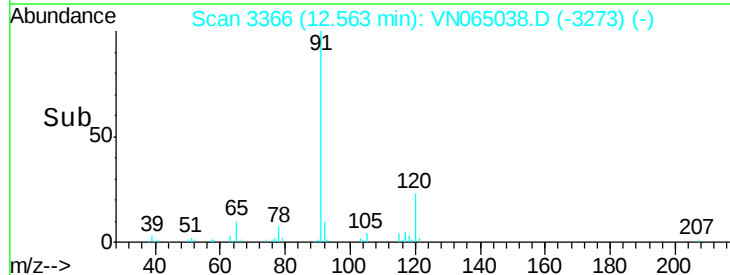
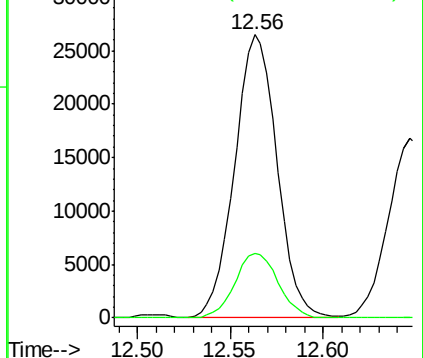
91 100

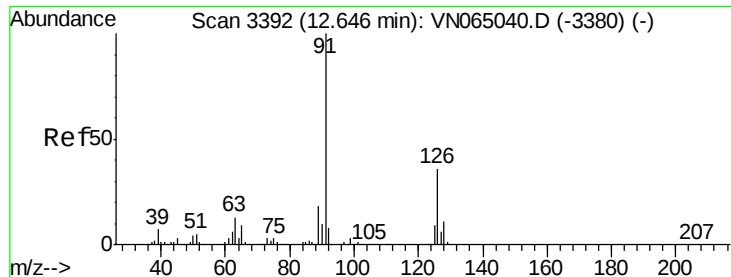
120 23.1 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 4.445 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. 0.00 min

Lab File: VN065038.D

Acq: 10 Dec 2020 10:23

Instrument :

MSVOA_N

ClientSampled :

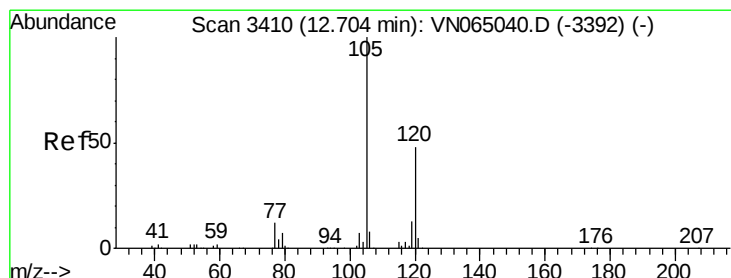
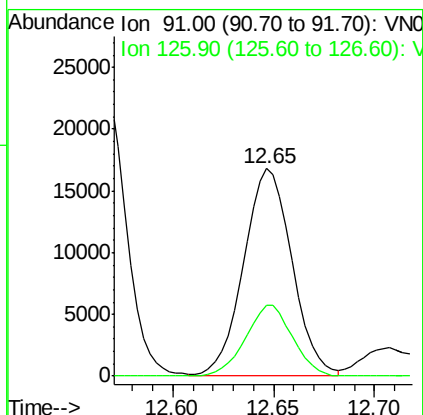
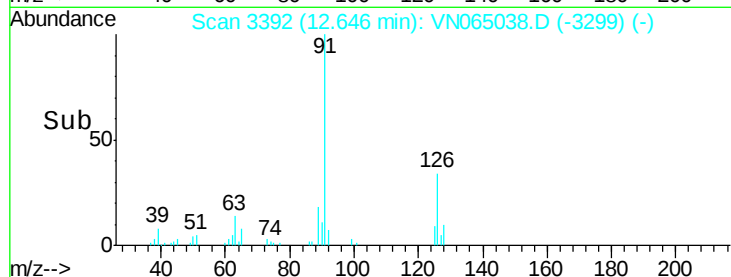
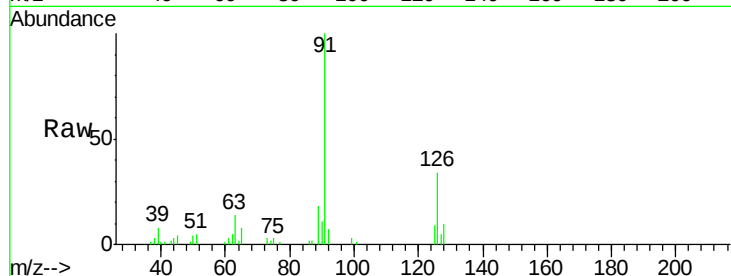
VSTDIC005

Tgt Ion: 91 Resp: 28297

Ion Ratio Lower Upper

91 100

126 33.0 17.6 52.9



#80

1,3,5-Trimethylbenzene

Concen: 4.084 ug/l

RT: 12.70 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN065038.D

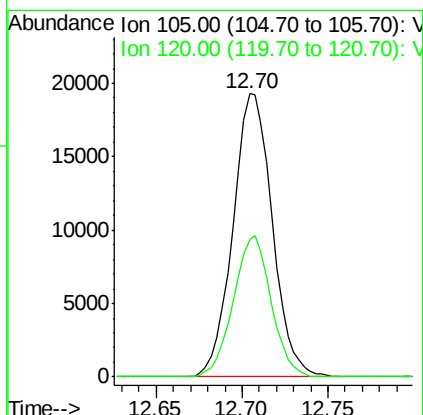
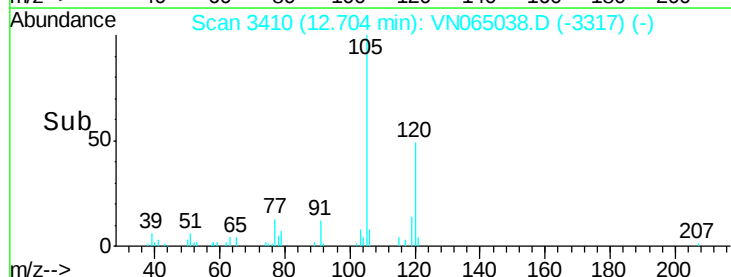
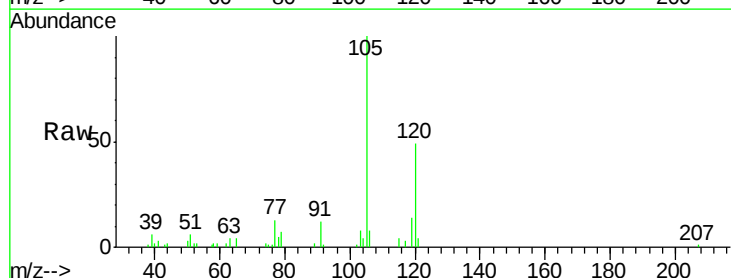
Acq: 10 Dec 2020 10:23

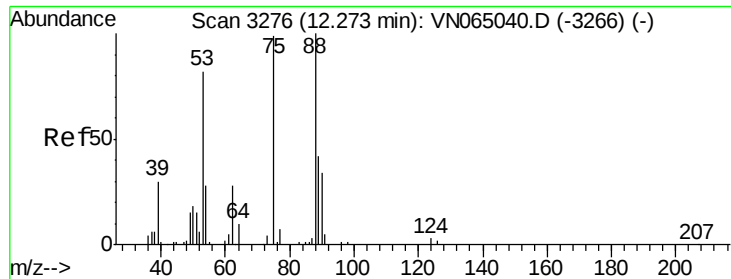
Tgt Ion: 105 Resp: 30748

Ion Ratio Lower Upper

105 100

120 47.6 24.5 73.5





#81

trans-1,4-Dichloro-2-butene

Concen: 3.276 ug/l

RT: 12.27 min Scan# 3275

Delta R.T. -0.00 min

Lab File: VN065038.D

Acq: 10 Dec 2020 10:23

Instrument :

MSVOA_N

ClientSampled :

VSTDIC005

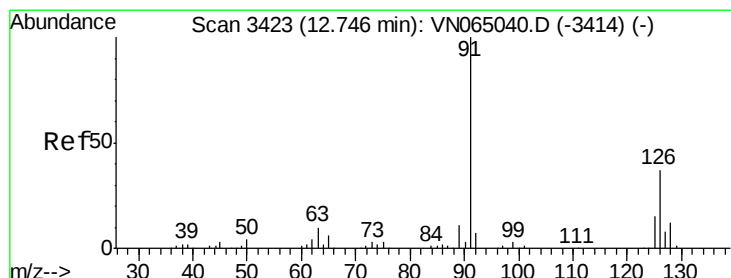
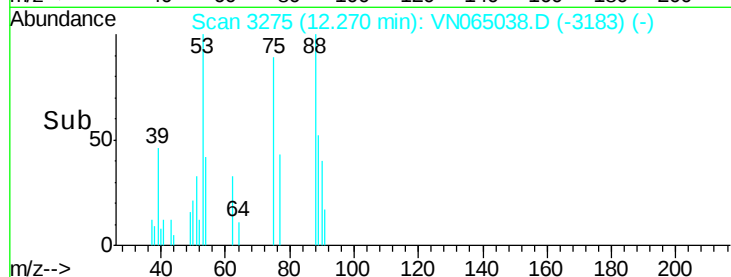
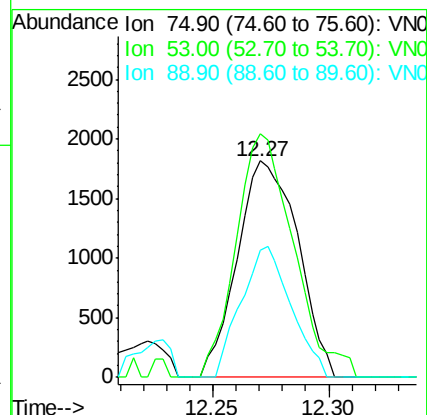
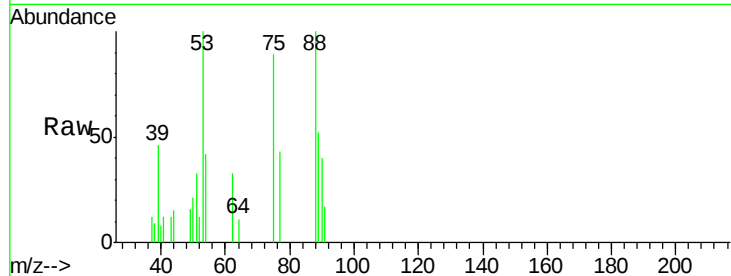
Tgt Ion: 75 Resp: 3286

Ion Ratio Lower Upper

75 100

53 106.8 68.6 103.0#

89 50.3 36.2 54.4



#82

4-Chlorotoluene

Concen: 4.152 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN065038.D

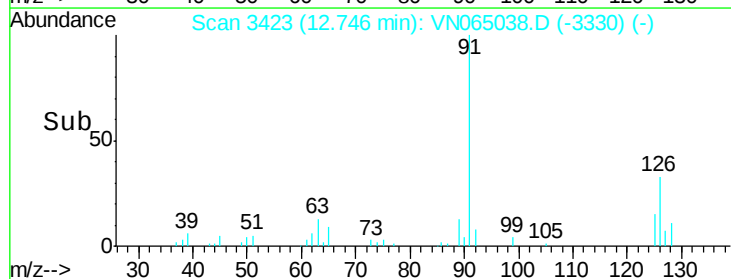
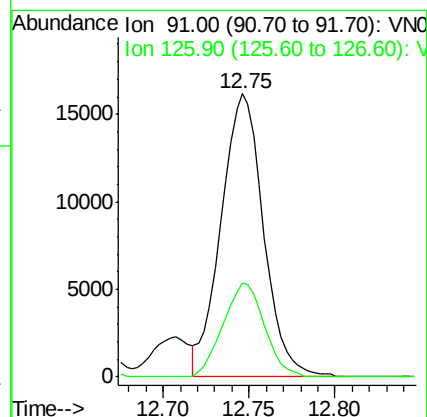
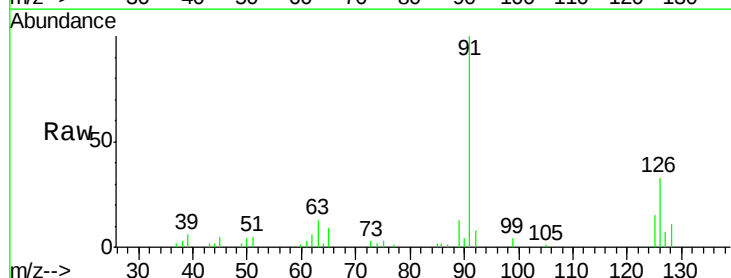
Acq: 10 Dec 2020 10:23

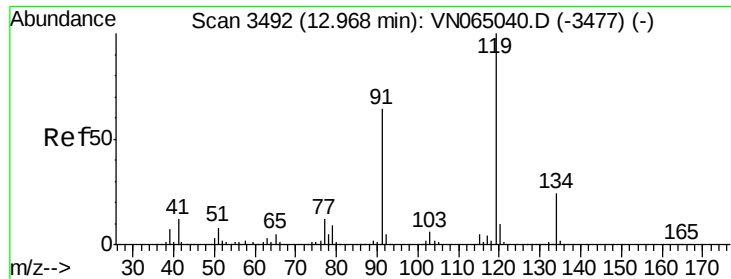
Tgt Ion: 91 Resp: 27732

Ion Ratio Lower Upper

91 100

126 32.2 17.3 52.0

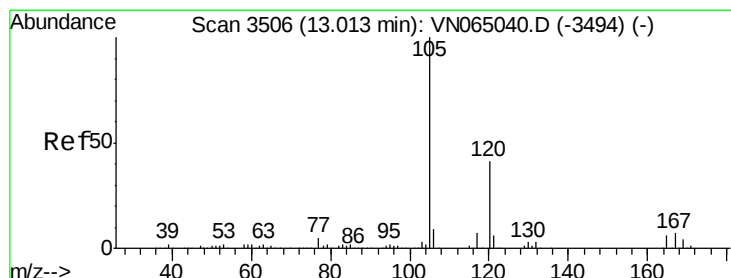
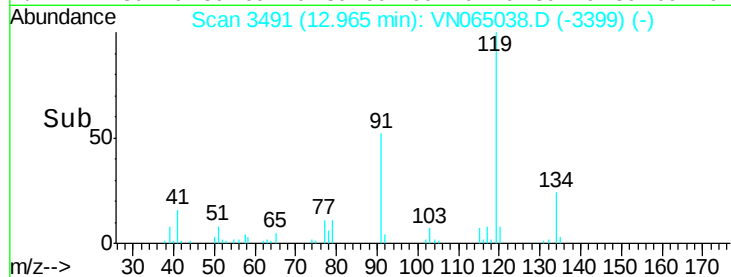
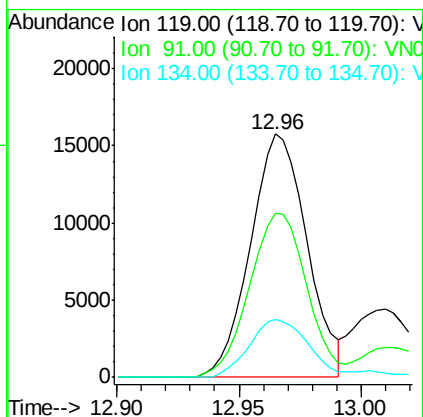
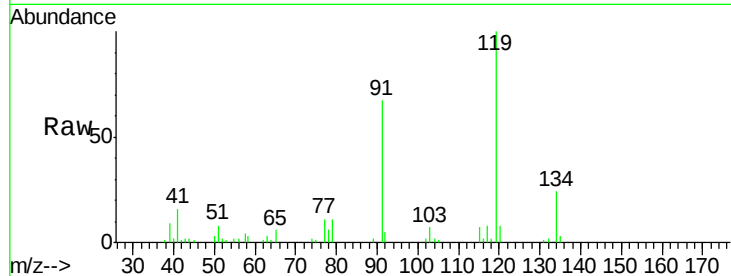




#83
 tert-Butylbenzene
 Concen: 4.024 ug/l
 RT: 12.96 min Scan# 3491
 Delta R.T. -0.00 min
 Lab File: VN065038.D
 Acq: 10 Dec 2020 10:23

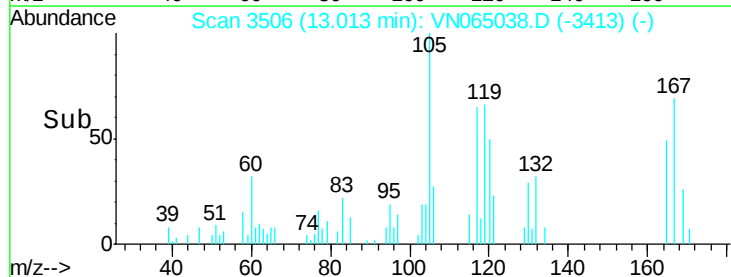
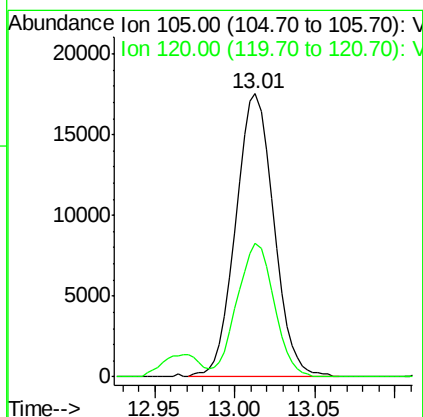
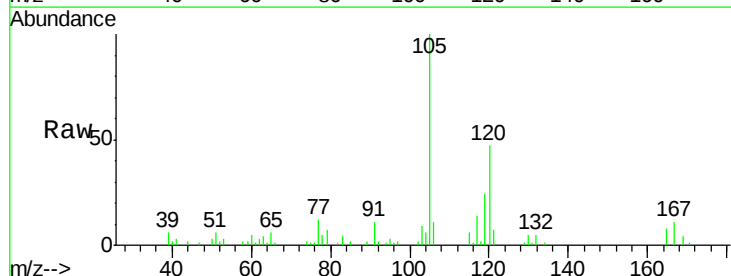
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

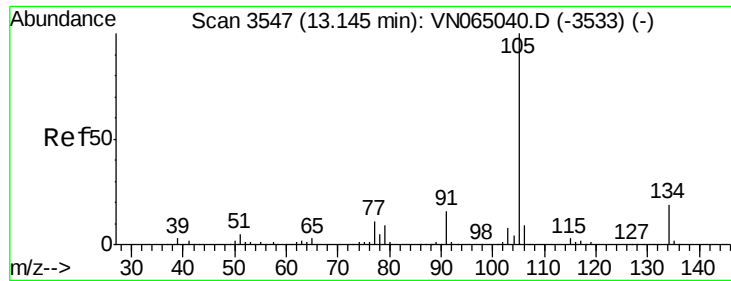
Tgt Ion:119 Resp: 25397
 Ion Ratio Lower Upper
 119 100
 91 68.5 31.1 93.5
 134 24.3 12.6 37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 3.734 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN065038.D
 Acq: 10 Dec 2020 10:23

Tgt Ion:105 Resp: 28484
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.1 69.2

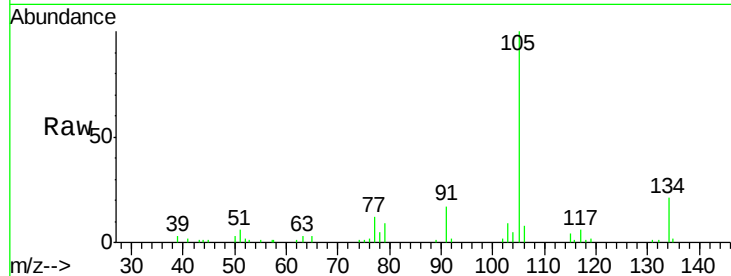




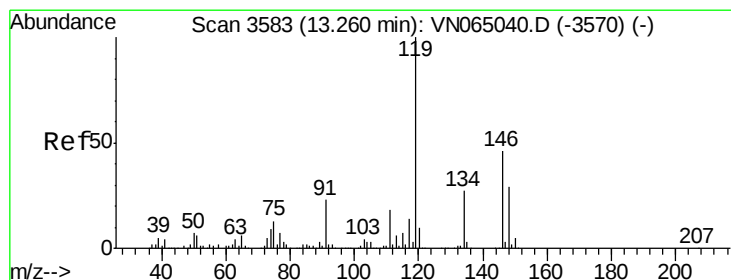
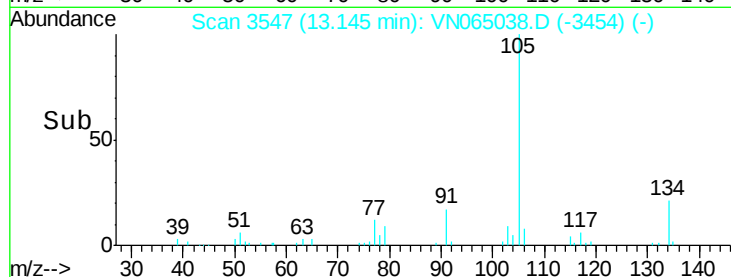
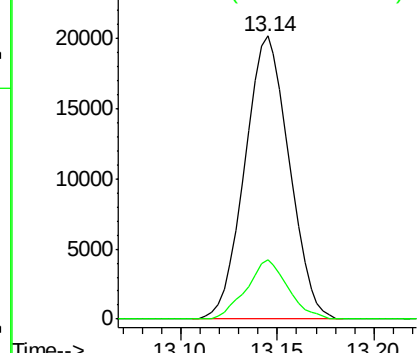
#85
 sec-Butylbenzene
 Concen: 3.863 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. 0.00 min
 Lab File: VN065038.D
 Acq: 10 Dec 2020 10:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 32197
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.5

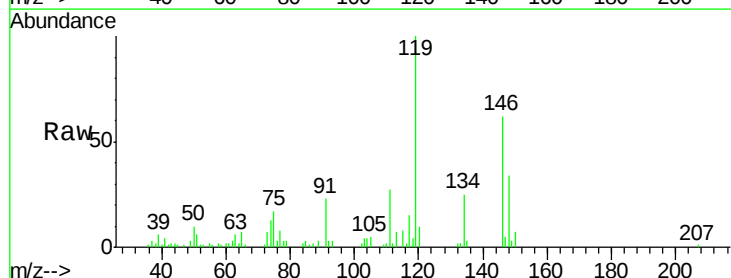


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

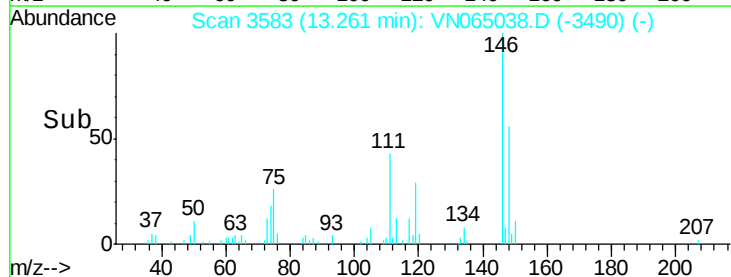
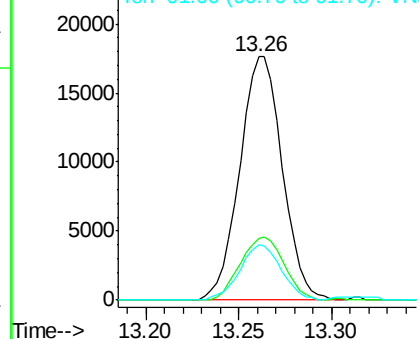


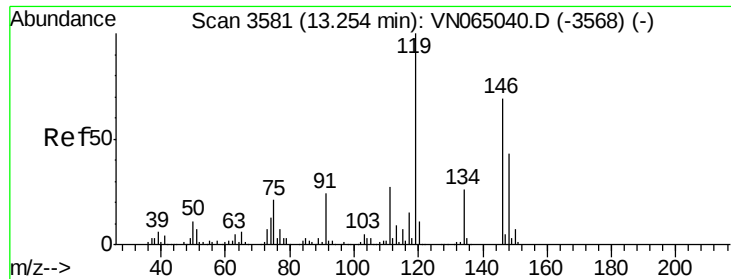
#86
 p-Isopropyltoluene
 Concen: 3.706 ug/l
 RT: 13.26 min Scan# 3583
 Delta R.T. 0.00 min
 Lab File: VN065038.D
 Acq: 10 Dec 2020 10:23

Tgt Ion:119 Resp: 28123
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.0 38.9
 91 22.1 11.5 34.4



Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 4.529 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN065038.D

Acq: 10 Dec 2020 10:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

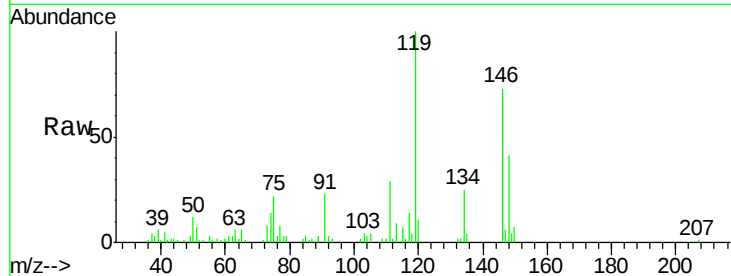
Tgt Ion:146 Resp: 19724

Ion Ratio Lower Upper

146 100

111 40.9 20.0 59.9

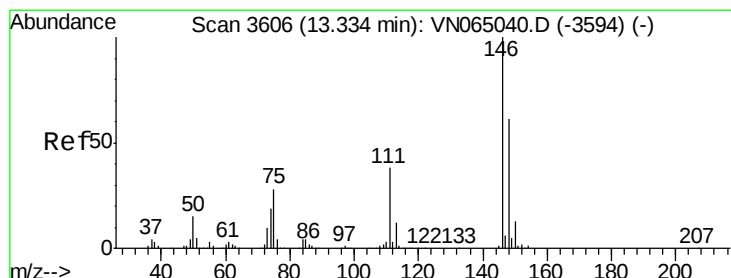
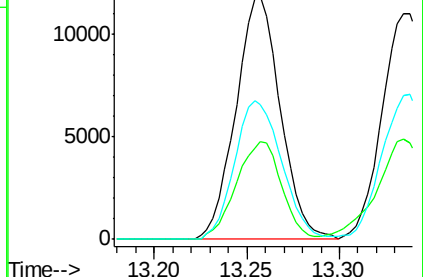
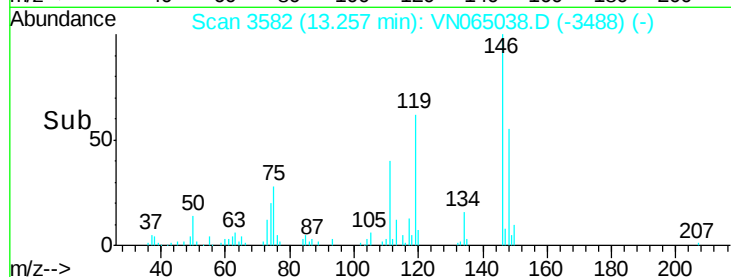
148 60.4 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 4.297 ug/l

RT: 13.33 min Scan# 3606

Delta R.T. 0.00 min

Lab File: VN065038.D

Acq: 10 Dec 2020 10:23

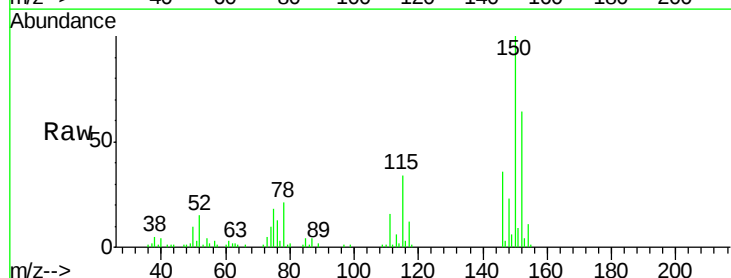
Tgt Ion:146 Resp: 19781

Ion Ratio Lower Upper

146 100

111 45.4 19.2 57.6

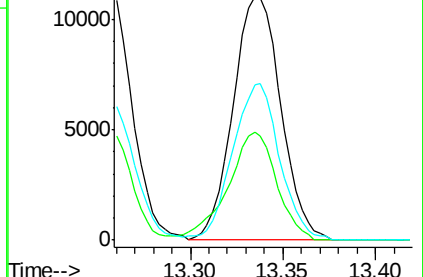
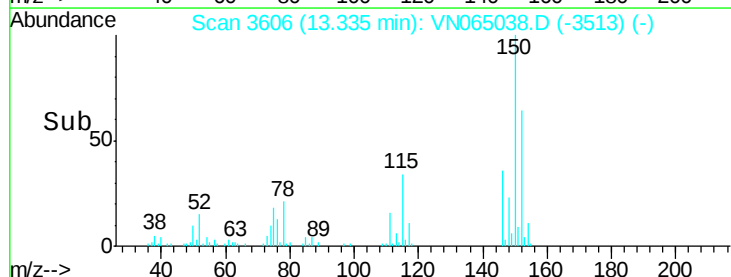
148 63.1 31.1 93.3

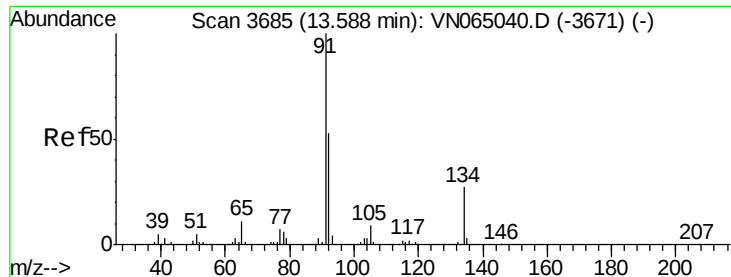


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 3.612 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN065038.D

Acq: 10 Dec 2020 10:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

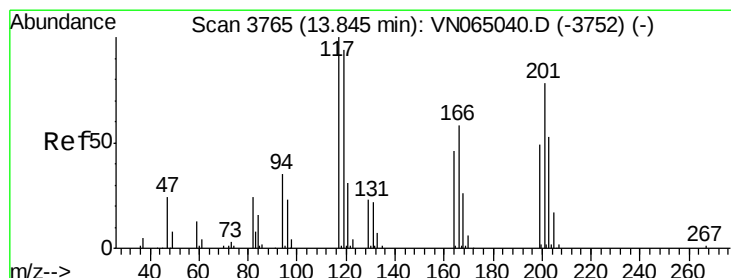
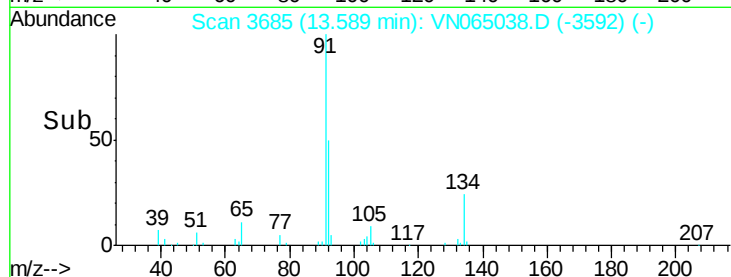
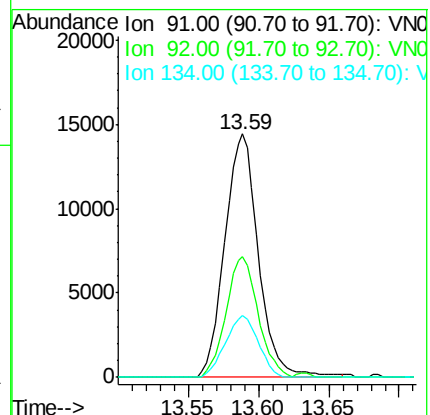
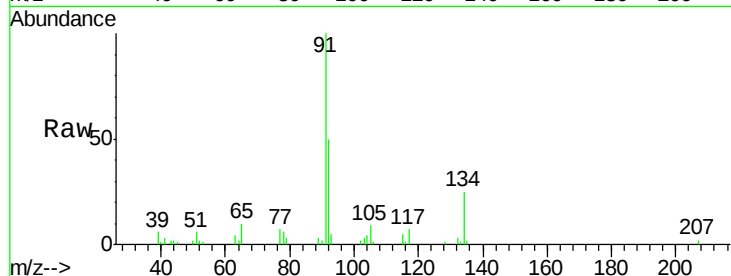
Tgt Ion: 91 Resp: 23942

Ion Ratio Lower Upper

91 100

92 47.2 25.9 77.8

134 24.7 13.2 39.6



#90

Hexachloroethane

Concen: 4.692 ug/l

RT: 13.85 min Scan# 3765

Delta R.T. 0.00 min

Lab File: VN065038.D

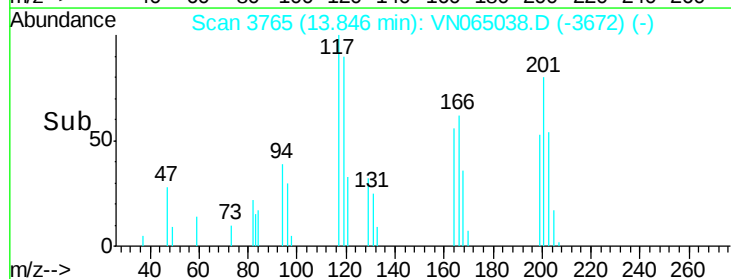
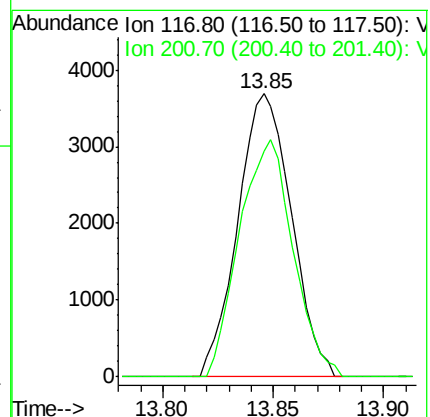
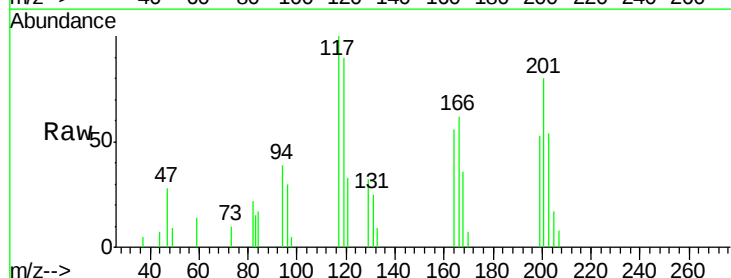
Acq: 10 Dec 2020 10:23

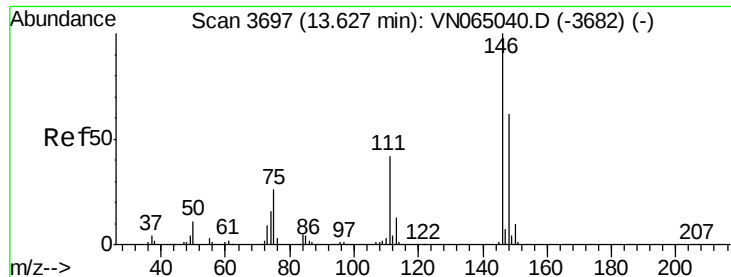
Tgt Ion: 117 Resp: 6220

Ion Ratio Lower Upper

117 100

201 83.9 39.5 118.3

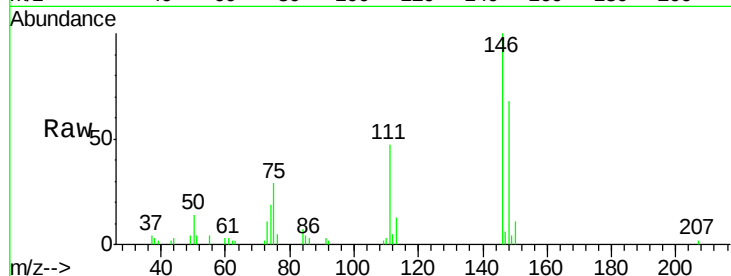




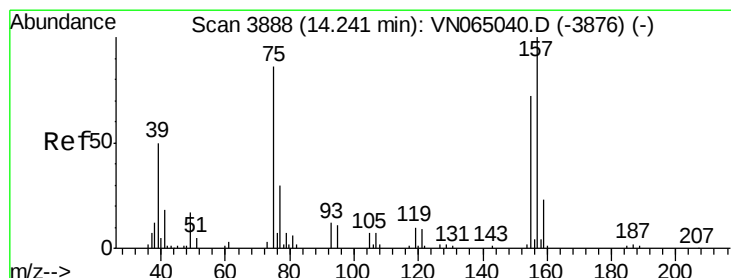
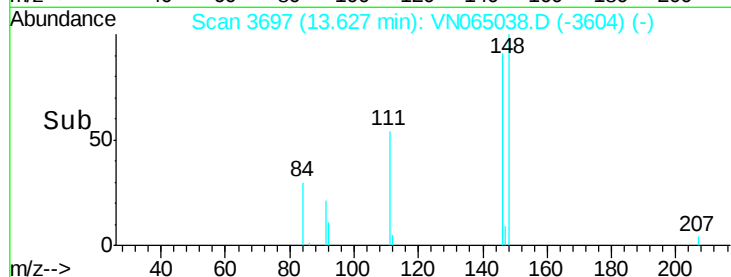
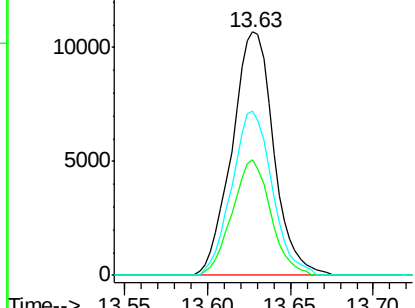
#91
 1,2-Dichlorobenzene
 Concen: 4.377 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN065038.D
 Acq: 10 Dec 2020 10:23

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC005

Tgt Ion: 146 Resp: 18724
 Ion Ratio Lower Upper
 146 100
 111 43.7 21.1 63.1
 148 65.3 31.7 95.1

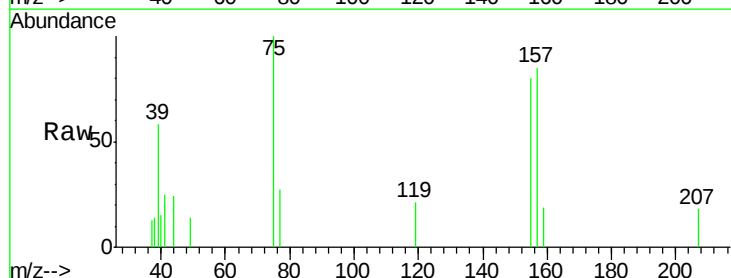


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

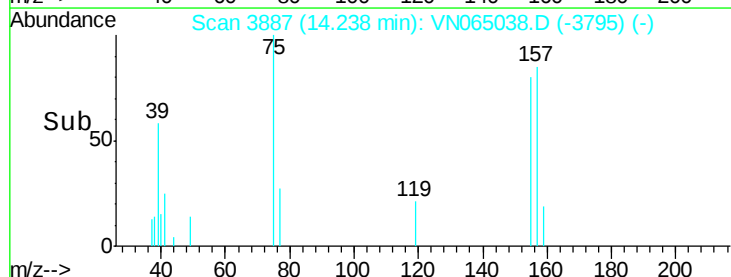
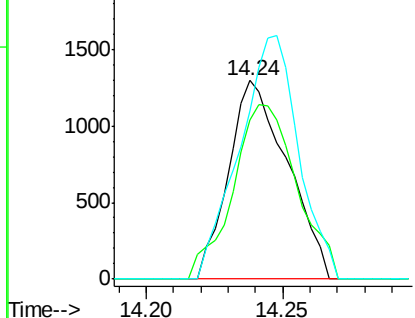


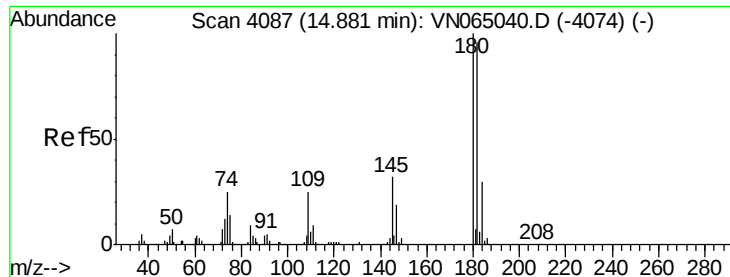
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 3.305 ug/l
 RT: 14.24 min Scan# 3887
 Delta R.T. -0.00 min
 Lab File: VN065038.D
 Acq: 10 Dec 2020 10:23

Tgt Ion: 75 Resp: 1940
 Ion Ratio Lower Upper
 75 100
 155 95.6 43.8 131.4
 157 122.8 58.1 174.3



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

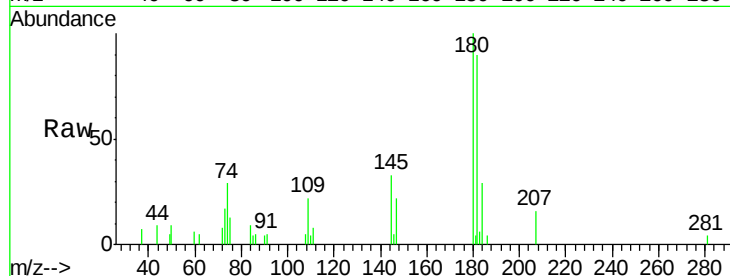




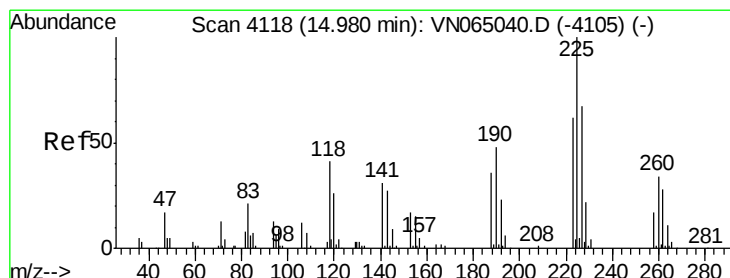
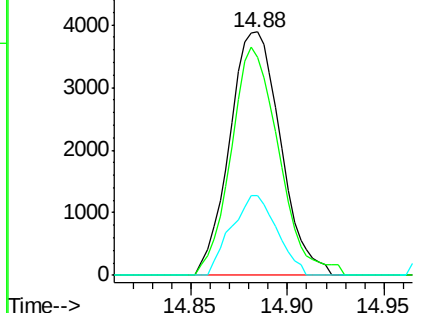
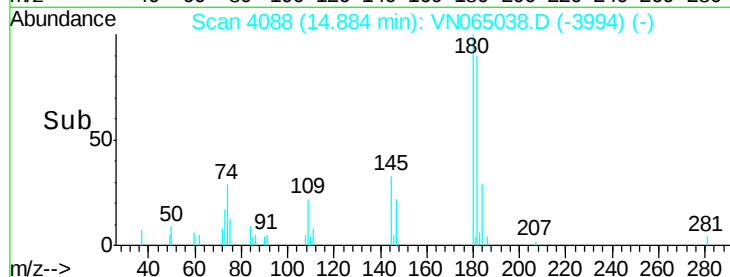
#93
 1,2,4-Trichlorobenzene
 Concen: 2.751 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN065038.D
 Acq: 10 Dec 2020 10:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:180 Resp: 7119
 Ion Ratio Lower Upper
 180 100
 182 87.9 47.0 141.2
 145 29.5 15.4 46.4

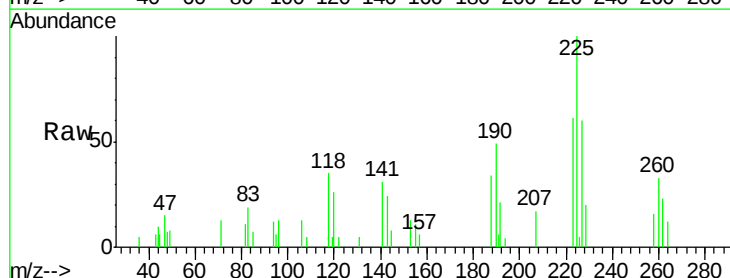


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

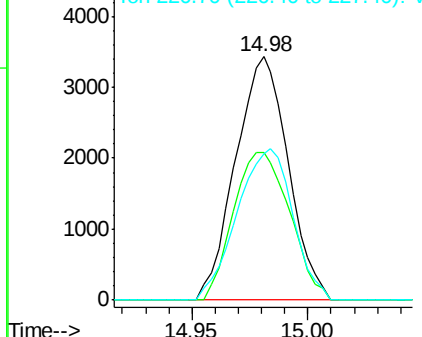
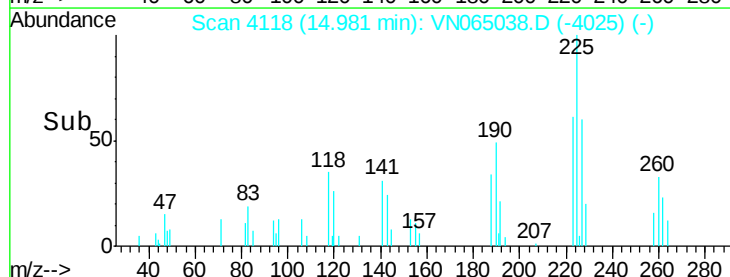


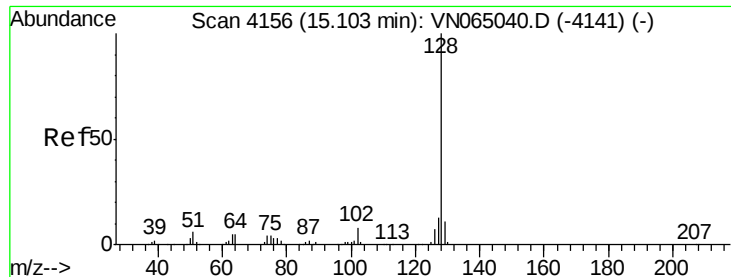
#94
 Hexachlorobutadiene
 Concen: 4.101 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN065038.D
 Acq: 10 Dec 2020 10:23

Tgt Ion:225 Resp: 5410
 Ion Ratio Lower Upper
 225 100
 223 64.8 31.4 94.0
 227 65.7 32.3 96.8



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

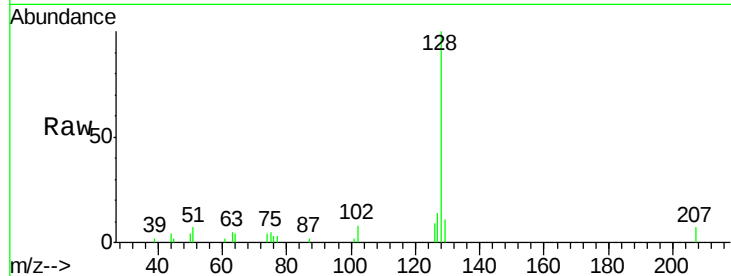




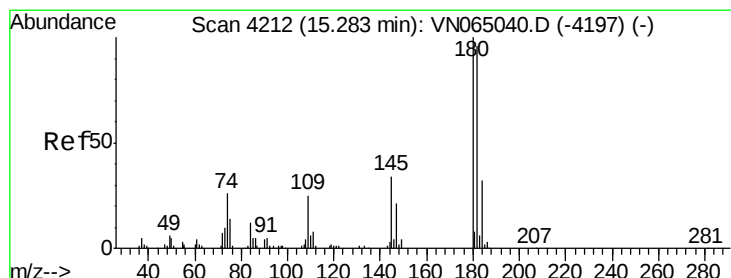
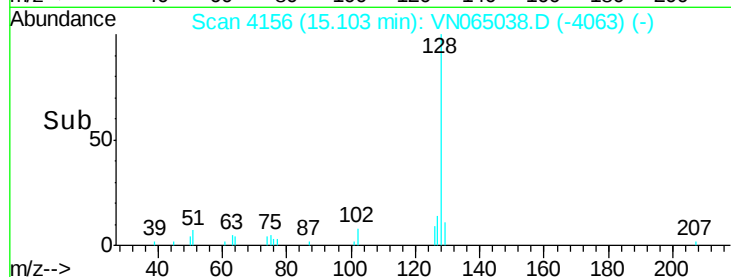
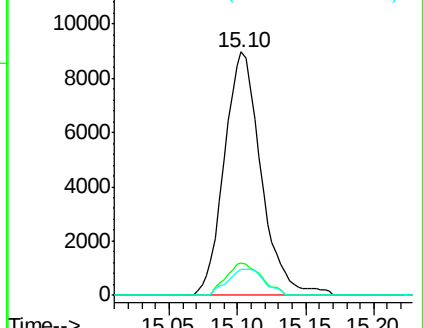
#95
Naphthalene
Concen: 2.180 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN065038.D
Acq: 10 Dec 2020 10:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 16828
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 10.7 8.5 12.7

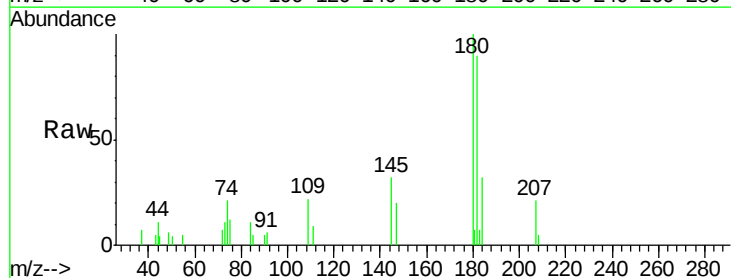


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 2.557 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN065038.D
Acq: 10 Dec 2020 10:23

Tgt Ion:180 Resp: 6505
Ion Ratio Lower Upper
180 100
182 93.0 48.3 144.9
145 30.9 16.2 48.6



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

