

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN062420\
 Data File : VN062057.D
 Acq On : 24 Jun 2020 10:06
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Quant Time: Jun 24 11:15:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 11:12:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	244992	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	443150	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	405361	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	169376	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	18441	5.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.24%	
35) Dibromofluoromethane	7.55	113	14804	5.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.52%	
50) Toluene-d8	10.06	98	55647	5.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.00%	
62) 4-Bromofluorobenzene	12.38	95	17142	4.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.02%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	16204	5.909	ug/l	89
3) Chloromethane	2.04	50	21595	6.429	ug/l	94
4) Vinyl Chloride	2.16	62	25281	6.306	ug/l	96
5) Bromomethane	2.52	94	17323	5.718	ug/l	99
6) Chloroethane	2.66	64	18033	6.584	ug/l	94
7) Trichlorofluoromethane	2.98	101	31751	6.678	ug/l	95
8) Diethyl Ether	3.37	74	11186	6.839	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	17439	6.981	ug/l	97
10) Methyl Iodide	3.91	142	15816	5.802	ug/l #	96
11) Tert butyl alcohol	4.73	59	13629	29.625	ug/l #	89
12) 1,1-Dichloroethene	3.69	96	16776	6.714	ug/l	91
13) Acrolein	3.56	56	12334	39.174	ug/l	93
14) Allyl chloride	4.28	41	21229	6.326	ug/l	99
15) Acrylonitrile	4.93	53	36265	31.570	ug/l	95
16) Acetone	3.78	43	35078	34.958	ug/l	97
17) Carbon Disulfide	4.01	76	48845	6.644	ug/l	99
18) Methyl Acetate	4.28	43	15239	5.558	ug/l #	68
19) Methyl tert-butyl Ether	5.00	73	48877	5.873	ug/l	97
20) Methylene Chloride	4.50	84	20183	6.337	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	18373	6.406	ug/l	97
22) Diisopropyl ether	5.90	45	47895	6.247	ug/l	93
23) Vinyl Acetate	5.84	43	185882	30.491	ug/l	100
24) 1,1-Dichloroethane	5.80	63	32243	6.458	ug/l	99
25) 2-Butanone	6.79	43	45097	31.126	ug/l	96
26) 2,2-Dichloropropane	6.78	77	27366	6.481	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	20421	6.181	ug/l	97
28) Bromochloromethane	7.15	49	13480	6.042	ug/l	99
29) Tetrahydrofuran	7.17	42	29628	31.022	ug/l	98
30) Chloroform	7.33	83	32899	6.203	ug/l	98
31) Cyclohexane	7.62	56	29469	6.733	ug/l #	85
32) 1,1,1-Trichloroethane	7.53	97	28064	6.222	ug/l	99
36) 1,1-Dichloropropene	7.75	75	23826	5.881	ug/l	99
37) Ethyl Acetate	6.88	43	17927	5.586	ug/l	97
38) Carbon Tetrachloride	7.73	117	23508	5.892	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN062420\
 Data File : VN062057.D
 Acq On : 24 Jun 2020 10:06
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Quant Time: Jun 24 11:15:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 11:12:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	23742	5.440	ug/l	98
40) Benzene	8.00	78	75594	6.130	ug/l	97
41) Methacrylonitrile	7.13	41	8506	6.083	ug/l	95
42) 1,2-Dichloroethane	8.08	62	25991	6.188	ug/l	98
43) Isopropyl Acetate	8.13	43	31035	5.776	ug/l #	88
44) Trichloroethene	8.80	130	19467	6.056	ug/l	94
45) 1,2-Dichloropropane	9.08	63	17843	5.895	ug/l	96
46) Dibromomethane	9.17	93	12565	5.930	ug/l	96
47) Bromodichloromethane	9.37	83	24883	5.718	ug/l	94
48) Methyl methacrylate	9.17	41	12810	5.218	ug/l	98
49) 1,4-Dioxane	9.17	88	6300	111.528	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	88465	27.686	ug/l	99
52) Toluene	10.12	92	43708	5.658	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	26444	5.691	ug/l	95
54) cis-1,3-Dichloropropene	9.81	75	28010	5.562	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	17989	5.912	ug/l	96
56) Ethyl methacrylate	10.40	69	20164	4.950	ug/l	97
57) 1,3-Dichloropropane	10.68	76	31053	6.021	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.66	63	41839	26.085	ug/l	97
59) 2-Hexanone	10.72	43	59990	26.130	ug/l	98
60) Dibromochloromethane	10.87	129	18423	5.475	ug/l	97
61) 1,2-Dibromoethane	10.98	107	17572	5.552	ug/l	100
64) Tetrachloroethene	10.60	164	15842	6.149	ug/l	96
65) Chlorobenzene	11.41	112	48978	5.726	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.48	131	17029	5.730	ug/l	98
67) Ethyl Benzene	11.48	91	76629	5.332	ug/l	97
68) m/p-Xylenes	11.59	106	60701	10.951	ug/l	96
69) o-Xylene	11.92	106	27488	5.211	ug/l	96
70) Styrene	11.94	104	43201	4.891	ug/l	97
71) Bromoform	12.10	173	11368	5.260	ug/l #	93
73) Isopropylbenzene	12.22	105	71501	5.911	ug/l	99
74) N-amyl acetate	12.05	43	19552	4.987	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.48	83	25343	6.396	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	30763	9.122	ug/l #	100
77) Bromobenzene	12.50	156	18402	6.047	ug/l	99
78) n-propylbenzene	12.57	91	79036	5.702	ug/l	99
79) 2-Chlorotoluene	12.65	91	50723	6.098	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	56860	5.692	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.28	75	6577	5.287	ug/l	89
82) 4-Chlorotoluene	12.75	91	51866	6.041	ug/l	100
83) tert-Butylbenzene	12.97	119	48569	5.735	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	56209	5.708	ug/l	99
85) sec-Butylbenzene	13.15	105	65638	5.905	ug/l	99
86) p-Isopropyltoluene	13.26	119	54521	5.525	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	30944	5.605	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	32211	5.701	ug/l	95
89) n-Butylbenzene	13.59	91	42178	5.097	ug/l	99
90) Hexachloroethane	13.85	117	11467	6.302	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	30964	5.836	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	3704	5.761	ug/l	96

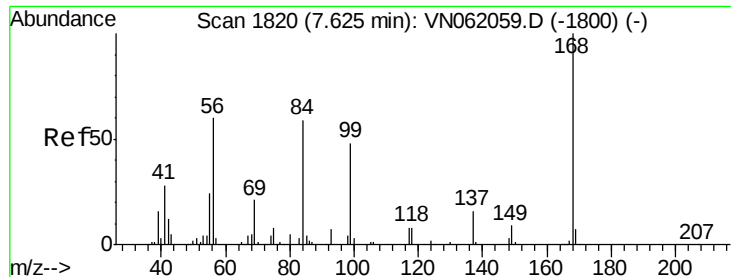
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN062420\
Data File : VN062057.D
Acq On : 24 Jun 2020 10:06
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Quant Time: Jun 24 11:15:29 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 24 11:12:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	10615	4.271	ug/l	98
94) Hexachlorobutadiene	14.98	225	6044	6.133	ug/l	98
95) Naphthalene	15.11	128	26486	3.690	ug/l	98
96) 1,2,3-Trichlorobenzene	15.28	180	11170	4.515	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062057.D

Acq: 24 Jun 2020 10:06

Instrument :

MSVOA_N

ClientSampleId :

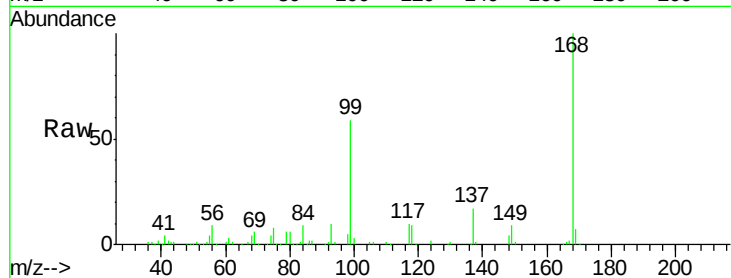
VSTDIC005

Tgt Ion: 168 Resp: 244992

Ion Ratio Lower Upper

168 100

99 58.8 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

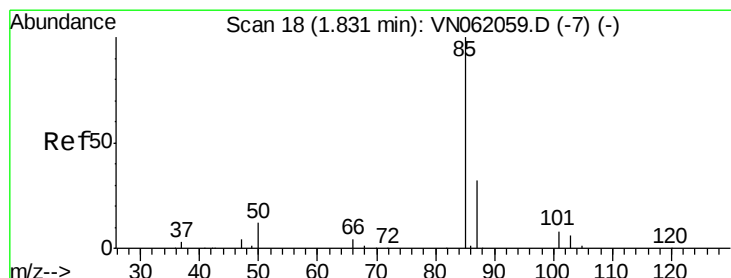
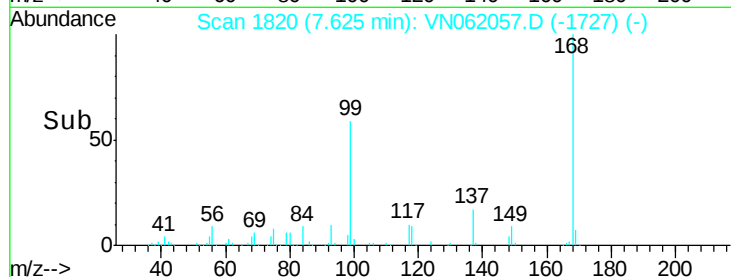
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 5.909 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062057.D

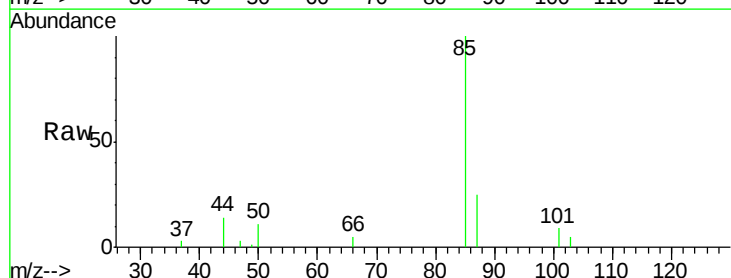
Acq: 24 Jun 2020 10:06

Tgt Ion: 85 Resp: 16204

Ion Ratio Lower Upper

85 100

87 25.4 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

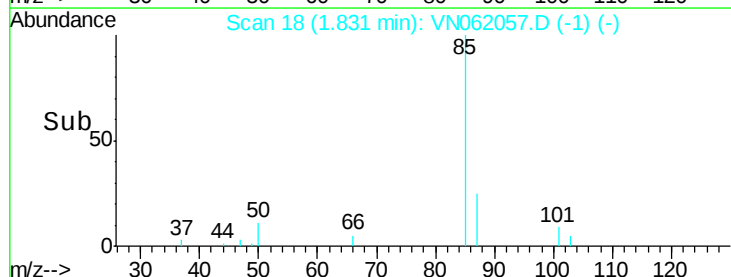
1.83

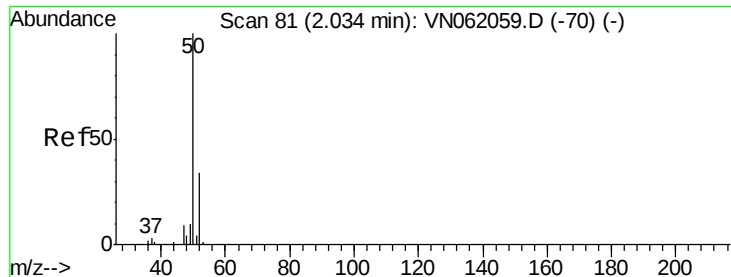
10000

5000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 6.429 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN062057.D

Acq: 24 Jun 2020 10:06

Instrument :

MSVOA_N

ClientSampleId :

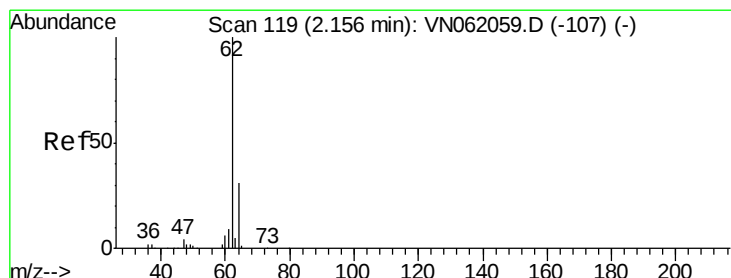
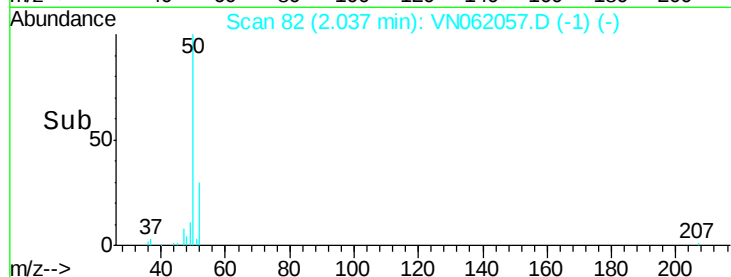
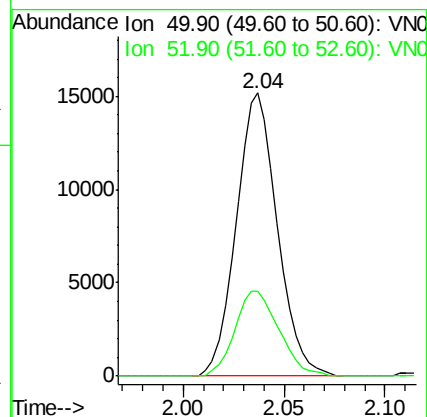
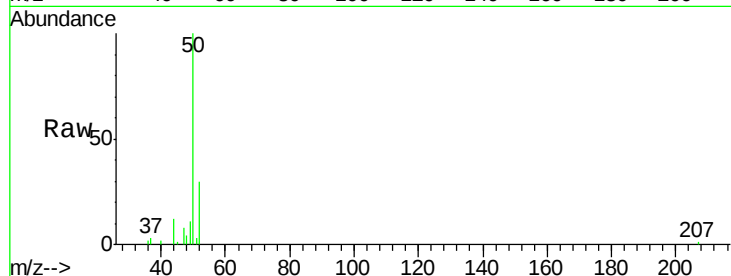
VSTDIC005

Tgt Ion: 50 Resp: 21595

Ion Ratio Lower Upper

50 100

52 30.2 27.0 40.6



#4

Vinyl Chloride

Concen: 6.306 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062057.D

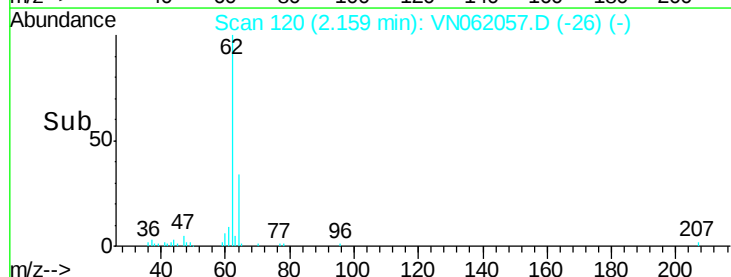
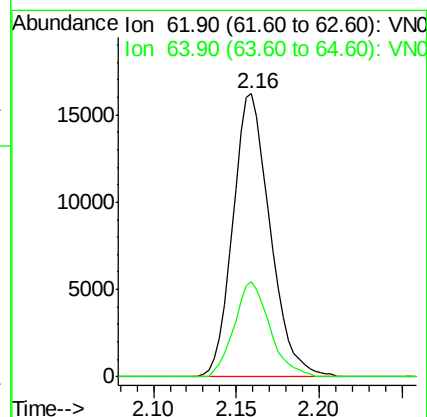
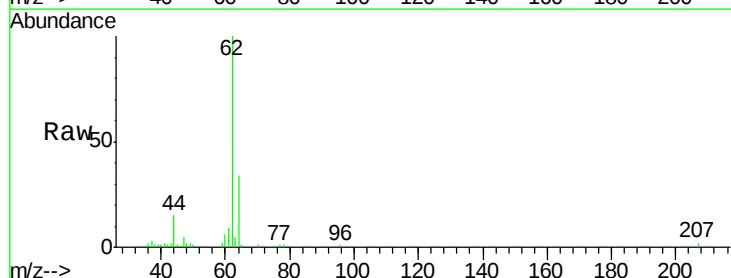
Acq: 24 Jun 2020 10:06

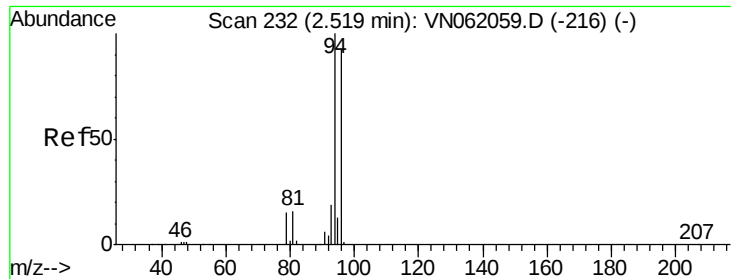
Tgt Ion: 62 Resp: 25281

Ion Ratio Lower Upper

62 100

64 33.6 25.1 37.7





#5

Bromomethane

Concen: 5.718 ug/l

RT: 2.52 min Scan# 232

Delta R.T. -0.00 min

Lab File: VN062057.D

Acq: 24 Jun 2020 10:06

Instrument :

MSVOA_N

ClientSampleId :

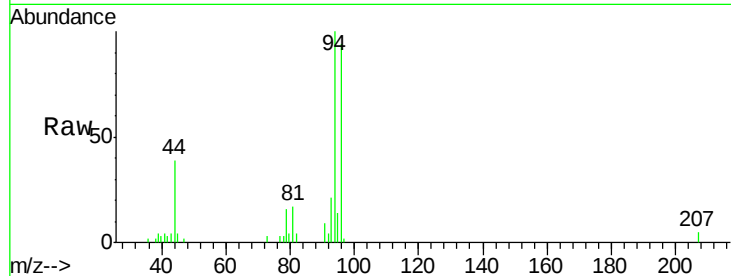
VSTDIC005

Tgt Ion: 94 Resp: 17323

Ion Ratio Lower Upper

94 100

96 92.3 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VN062057.D (-139) (-)

Ion 95.90 (95.60 to 96.60): VN062057.D (-139) (-)

2.52

8000

6000

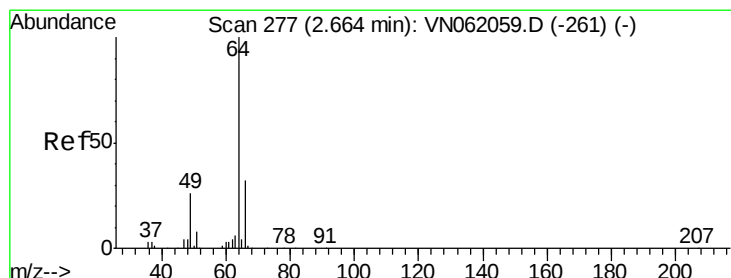
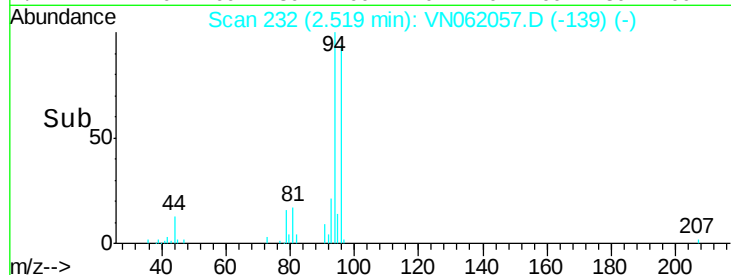
4000

2000

0

Time-->

2.45 2.50 2.55



#6

Chloroethane

Concen: 6.584 ug/l

RT: 2.66 min Scan# 276

Delta R.T. -0.00 min

Lab File: VN062057.D

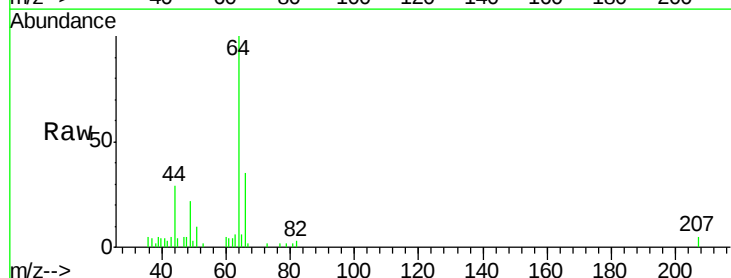
Acq: 24 Jun 2020 10:06

Tgt Ion: 64 Resp: 18033

Ion Ratio Lower Upper

64 100

66 35.4 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VN062057.D (-184) (-)

Ion 65.90 (65.60 to 66.60): VN062057.D (-184) (-)

2.66

8000

6000

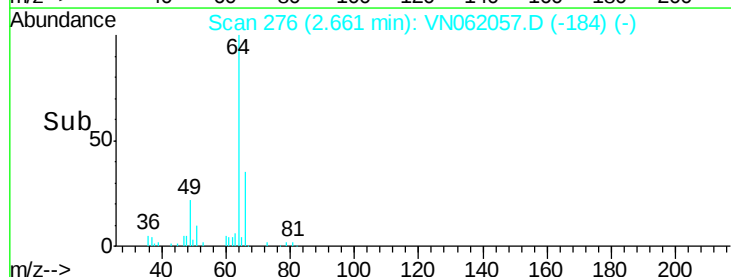
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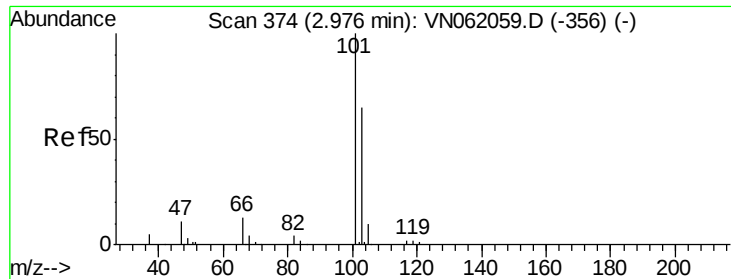
2000

0

Time-->

2.60 2.65 2.70 2.75



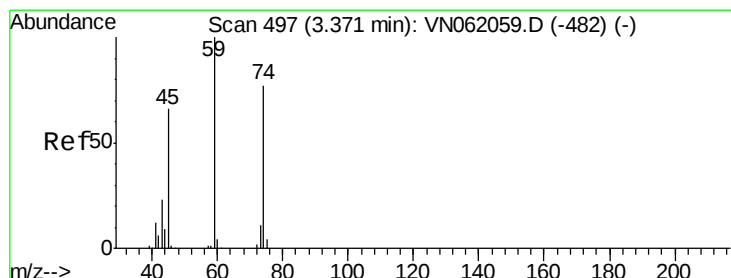
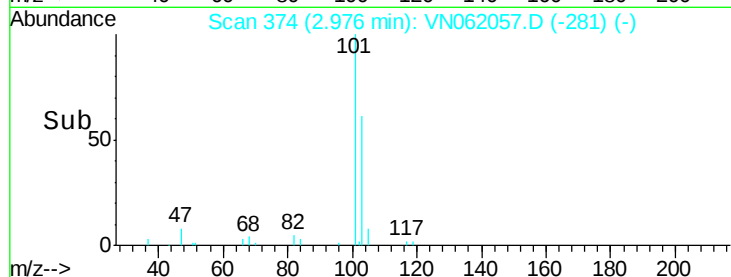
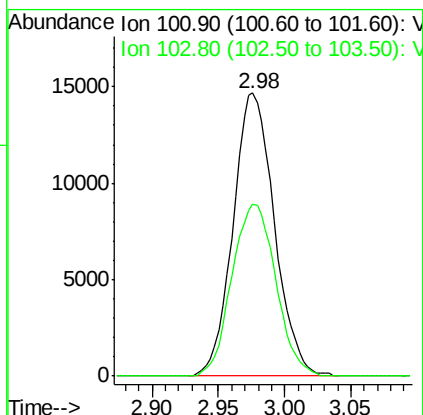
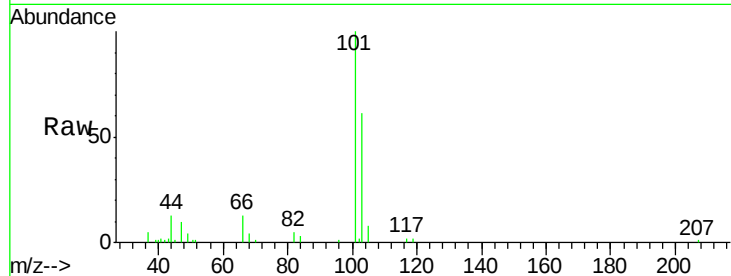


#7

Trichlorofluoromethane
 Concen: 6.678 ug/l
 RT: 2.98 min Scan# 374
 Delta R.T. -0.00 min
 Lab File: VN062057.D
 Acq: 24 Jun 2020 10:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

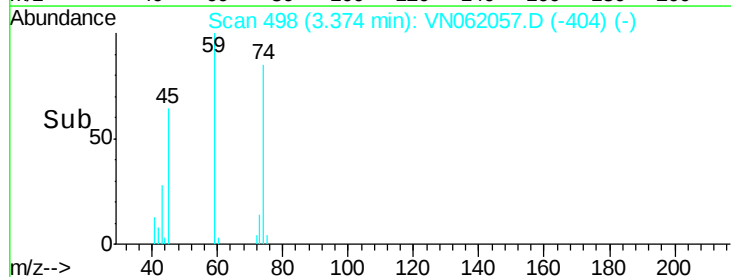
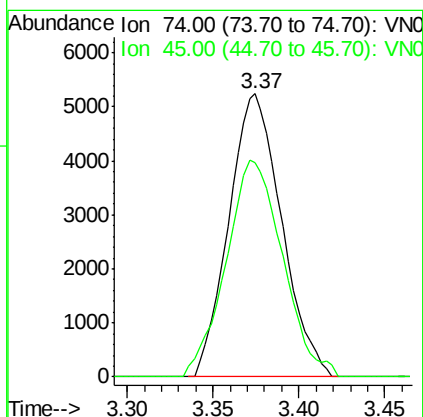
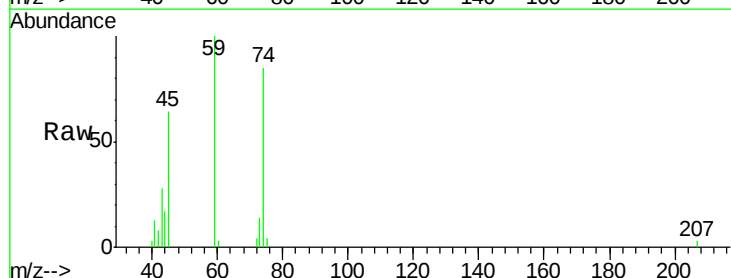
Tgt Ion:101 Resp: 31751
 Ion Ratio Lower Upper
 101 100
 103 60.9 51.8 77.6

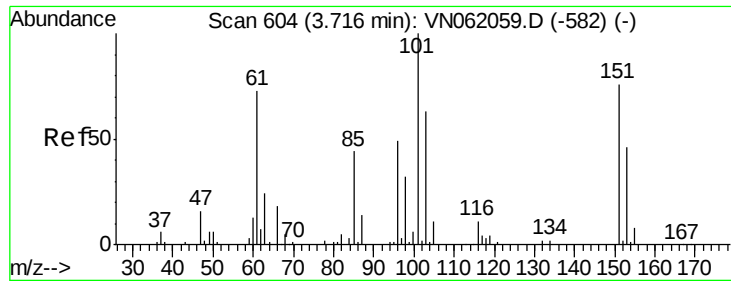


#8

Diethyl Ether
 Concen: 6.839 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062057.D
 Acq: 24 Jun 2020 10:06

Tgt Ion: 74 Resp: 11186
 Ion Ratio Lower Upper
 74 100
 45 82.1 42.5 127.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 6.981 ug/l

RT: 3.72 min Scan# 606

Delta R.T. 0.01 min

Lab File: VN062057.D

Acq: 24 Jun 2020 10:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

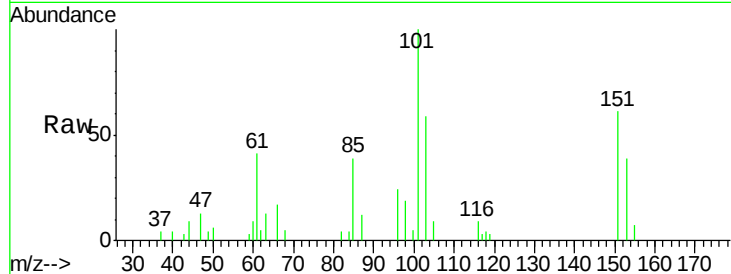
Tgt Ion:101 Resp: 17439

Ion Ratio Lower Upper

101 100

85 41.4 34.5 51.7

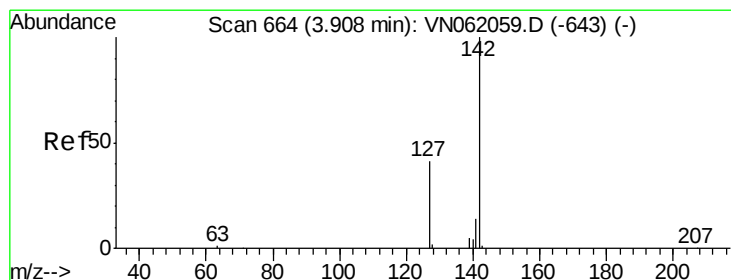
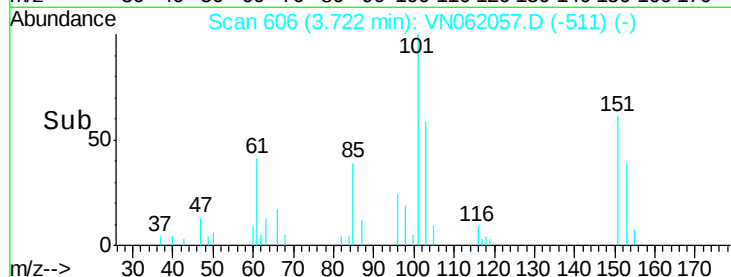
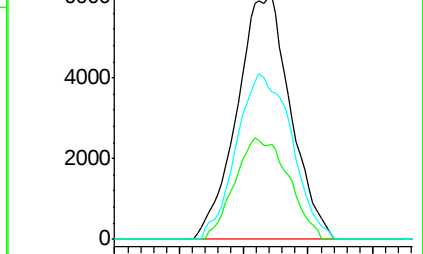
151 70.1 57.8 86.8



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: 5.802 ug/l

RT: 3.91 min Scan# 663

Delta R.T. -0.00 min

Lab File: VN062057.D

Acq: 24 Jun 2020 10:06

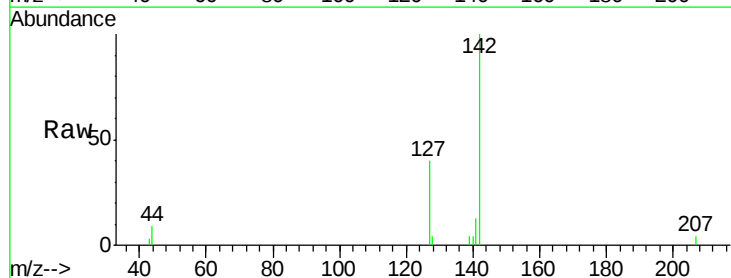
Tgt Ion:142 Resp: 15816

Ion Ratio Lower Upper

142 100

127 40.3 33.6 50.4

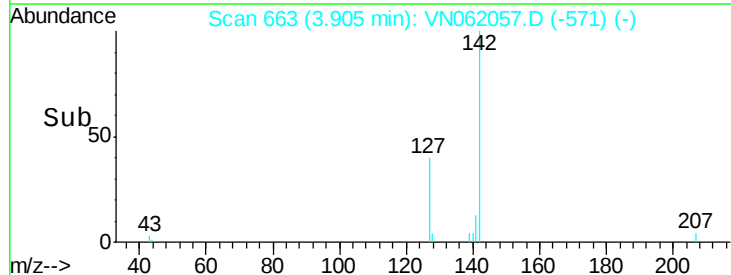
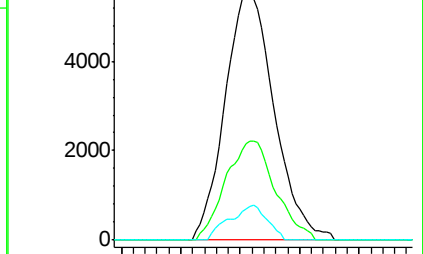
141 10.9 11.3 16.9#

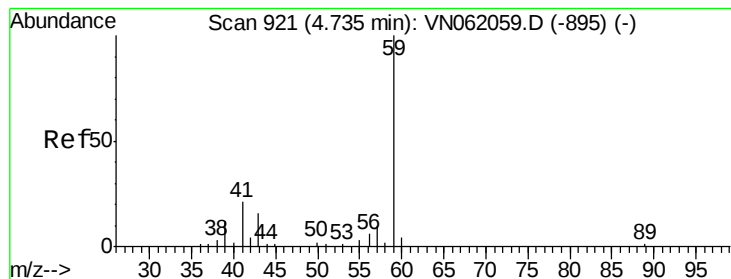


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 29.625 ug/l

RT: 4.73 min Scan# 920

Delta R.T. -0.00 min

Lab File: VN062057.D

Acq: 24 Jun 2020 10:06

Instrument :

MSVOA_N

ClientSampleId :

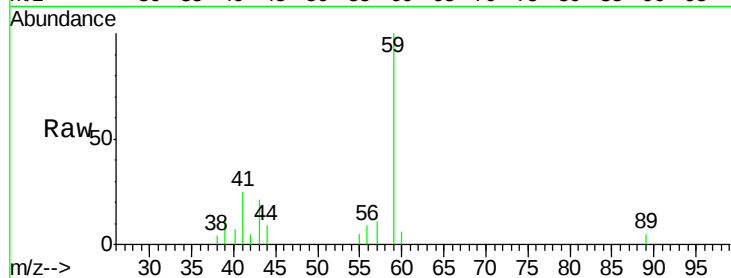
VSTDIC005

Tgt Ion: 59 Resp: 13629

Ion Ratio Lower Upper

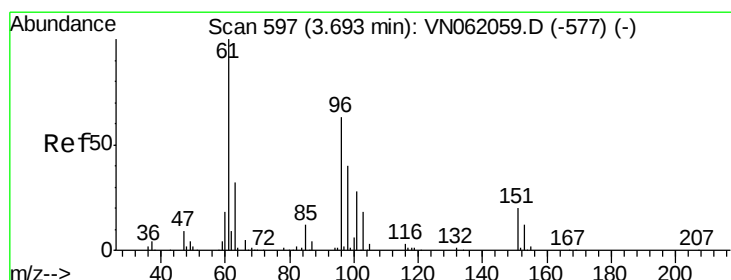
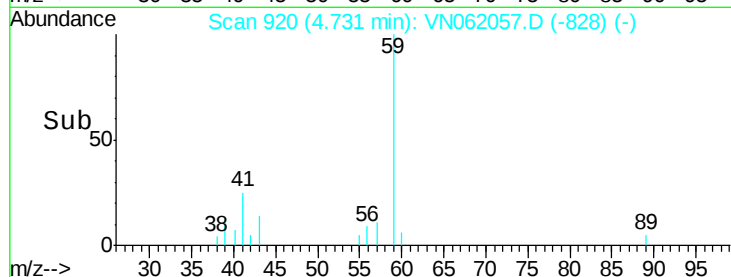
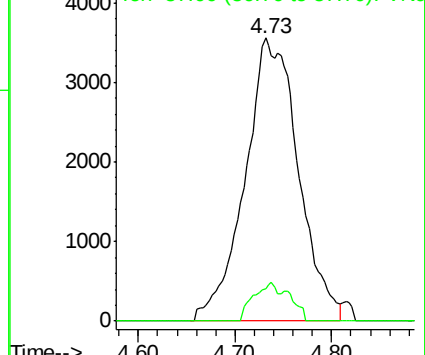
59 100

57 6.4 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VN062057.D (-828) (-)

Ion 57.00 (56.70 to 57.70): VN062057.D (-828) (-)



#12

1,1-Dichloroethene

Concen: 6.714 ug/l

RT: 3.69 min Scan# 597

Delta R.T. -0.00 min

Lab File: VN062057.D

Acq: 24 Jun 2020 10:06

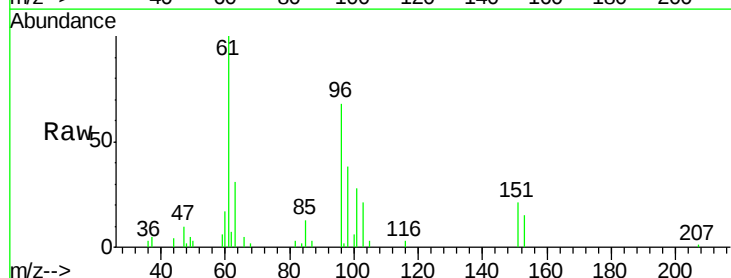
Tgt Ion: 96 Resp: 16776

Ion Ratio Lower Upper

96 100

61 146.7 126.7 190.1

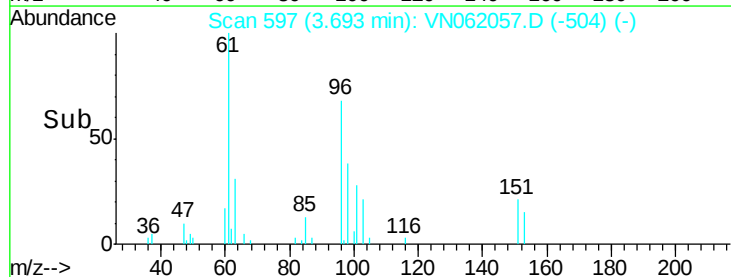
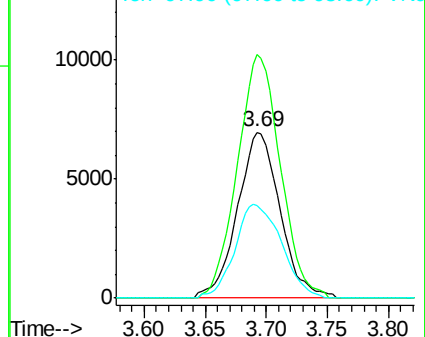
98 56.1 51.0 76.4

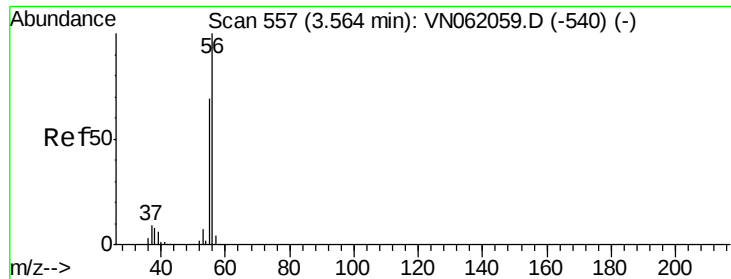


Abundance Ion 95.90 (95.60 to 96.60): VN062057.D (-504) (-)

Ion 60.90 (60.60 to 61.60): VN062057.D (-504) (-)

Ion 97.90 (97.60 to 98.60): VN062057.D (-504) (-)





#13

Acrolein

Concen: 39.174 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062057.D

Acq: 24 Jun 2020 10:06

Instrument :

MSVOA_N

ClientSampleId :

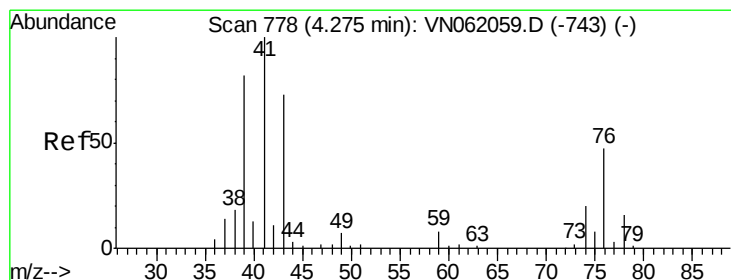
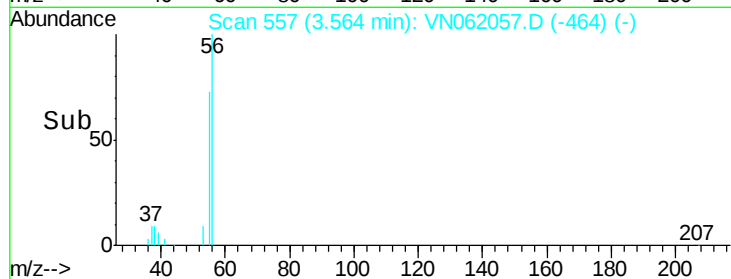
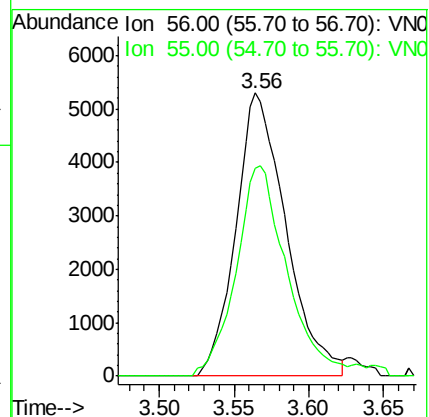
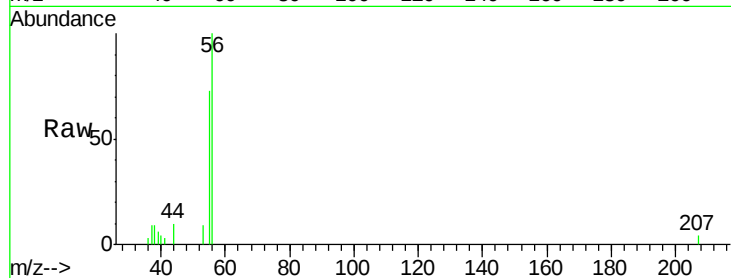
VSTDIC005

Tgt Ion: 56 Resp: 12334

Ion Ratio Lower Upper

56 100

55 75.1 55.5 83.3



#14

Allyl chloride

Concen: 6.326 ug/l

RT: 4.28 min Scan# 780

Delta R.T. 0.01 min

Lab File: VN062057.D

Acq: 24 Jun 2020 10:06

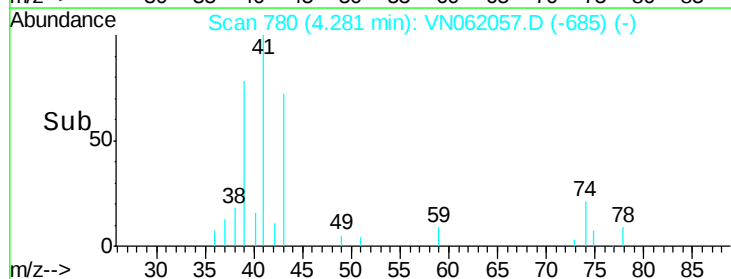
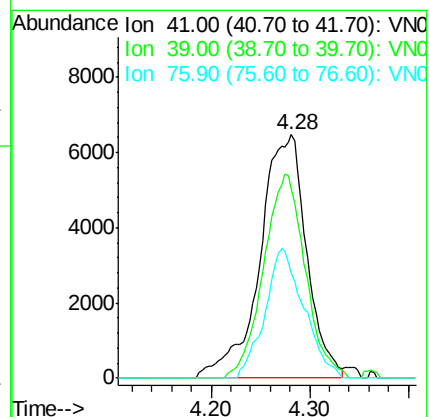
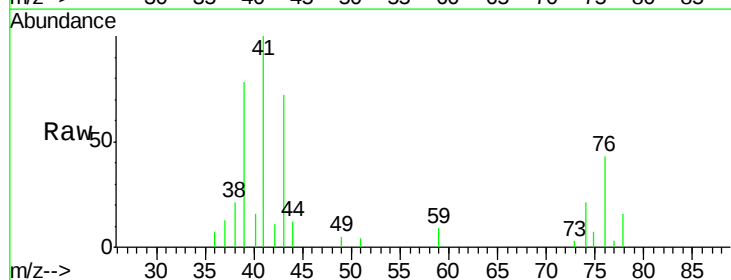
Tgt Ion: 41 Resp: 21229

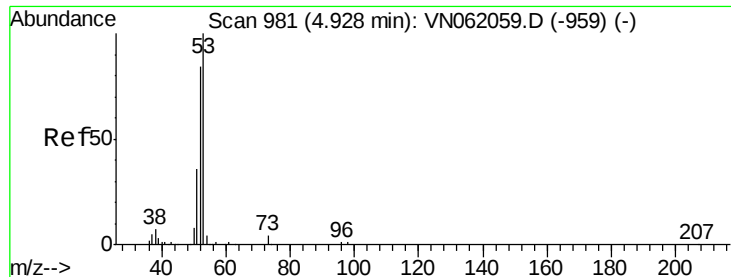
Ion Ratio Lower Upper

41 100

39 74.3 60.0 90.0

76 44.3 34.1 51.1





#15

Acrylonitrile

Concen: 31.570 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062057.D

Acq: 24 Jun 2020 10:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

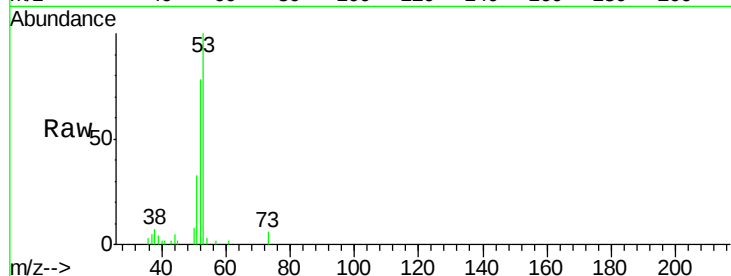
Tgt Ion: 53 Resp: 36265

Ion Ratio Lower Upper

53 100

52 78.4 66.2 99.4

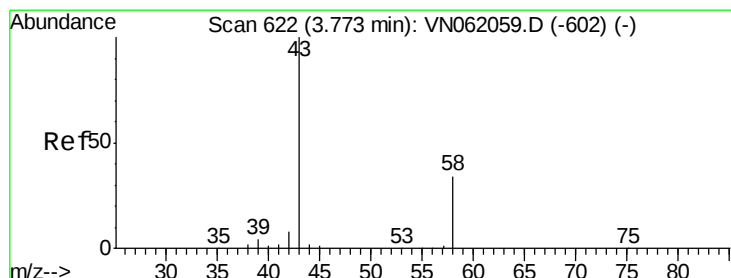
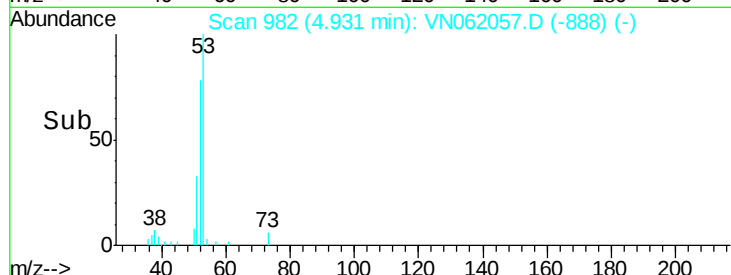
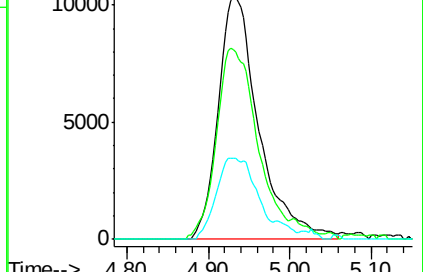
51 32.6 28.9 43.3



Abundance Ion 53.00 (52.70 to 53.70): VN062057.D (-959) (-)

Ion 52.00 (51.70 to 52.70): VN062057.D (-959) (-)

Ion 51.00 (50.70 to 51.70): VN062057.D (-959) (-)



#16

Acetone

Concen: 34.958 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN062057.D

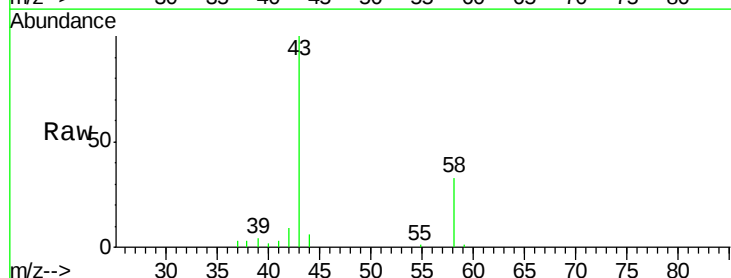
Acq: 24 Jun 2020 10:06

Tgt Ion: 43 Resp: 35078

Ion Ratio Lower Upper

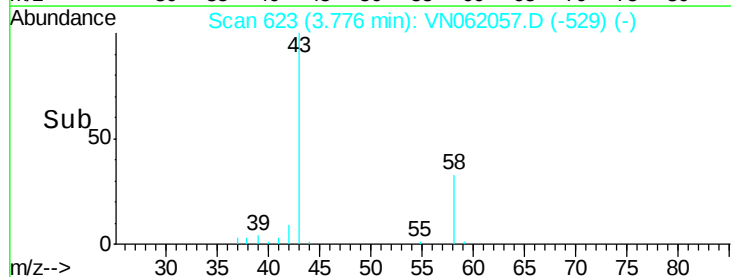
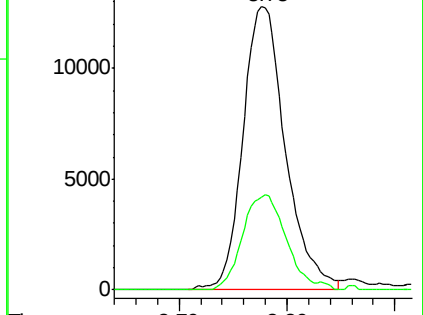
43 100

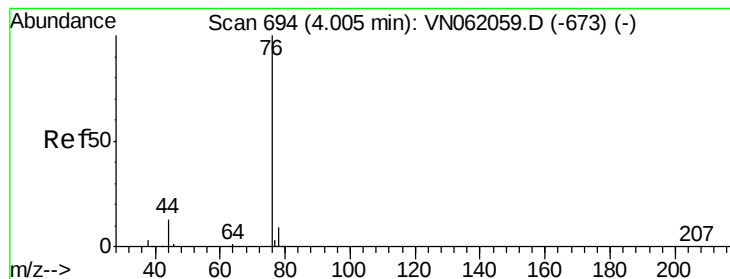
58 32.6 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VN062057.D (-529) (-)

Ion 58.00 (57.70 to 58.70): VN062057.D (-529) (-)





#17

Carbon Disulfide

Concen: 6.644 ug/l

RT: 4.01 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN062057.D

Acq: 24 Jun 2020 10:06

Instrument :

MSVOA_N

ClientSampleId :

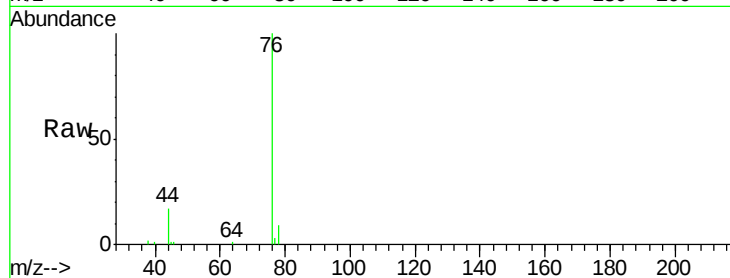
VSTDIC005

Tgt Ion: 76 Resp: 48845

Ion Ratio Lower Upper

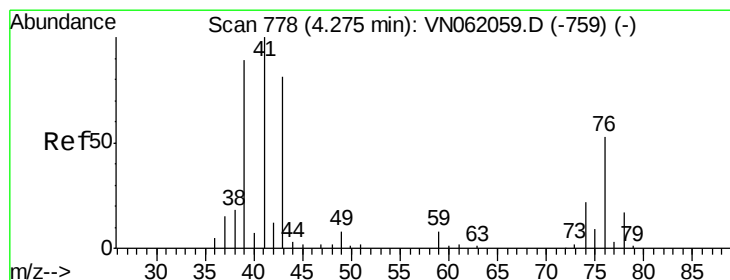
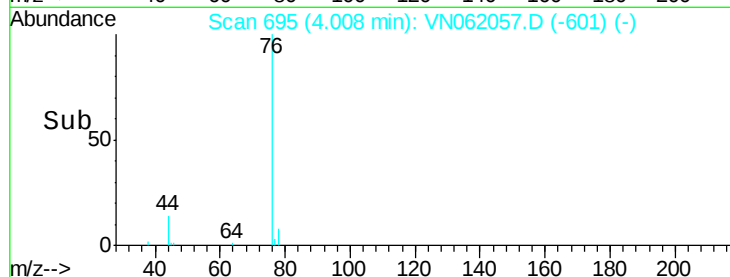
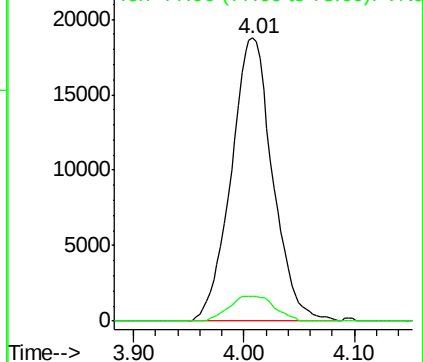
76 100

78 8.8 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VNO

Ion 77.90 (77.60 to 78.60): VNO



#18

Methyl Acetate

Concen: 5.558 ug/l

RT: 4.28 min Scan# 780

Delta R.T. 0.01 min

Lab File: VN062057.D

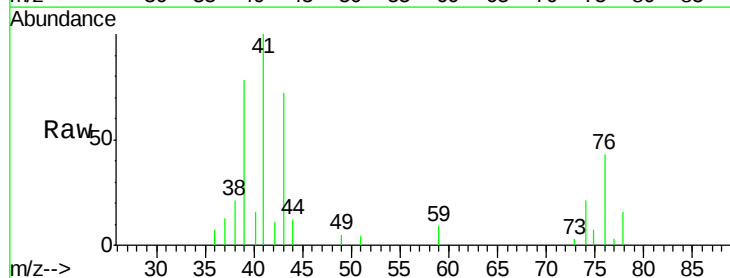
Acq: 24 Jun 2020 10:06

Tgt Ion: 43 Resp: 15239

Ion Ratio Lower Upper

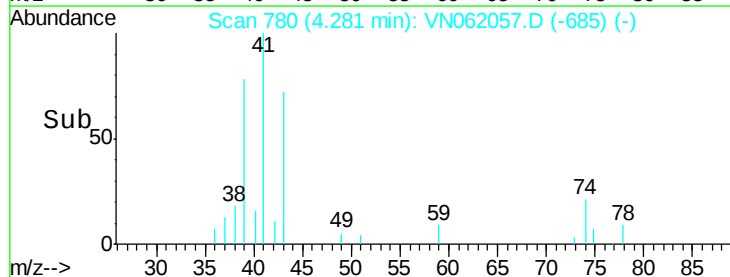
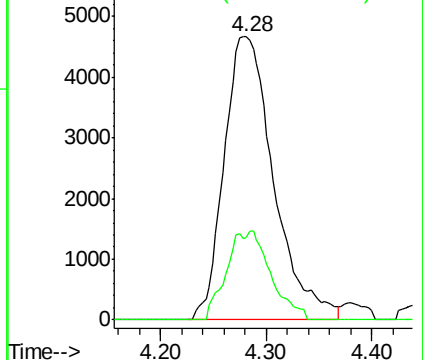
43 100

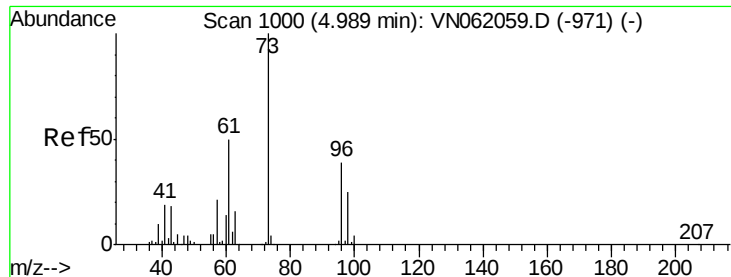
74 11.6 22.9 34.3#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO

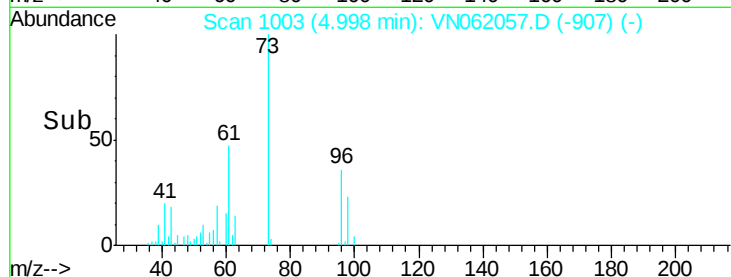
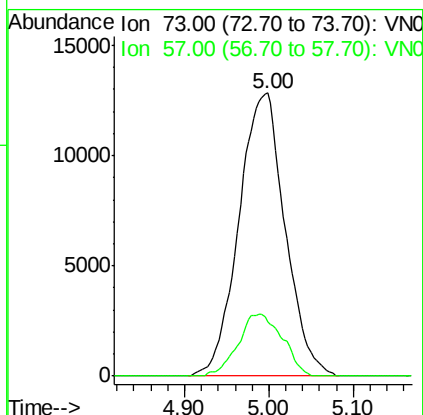
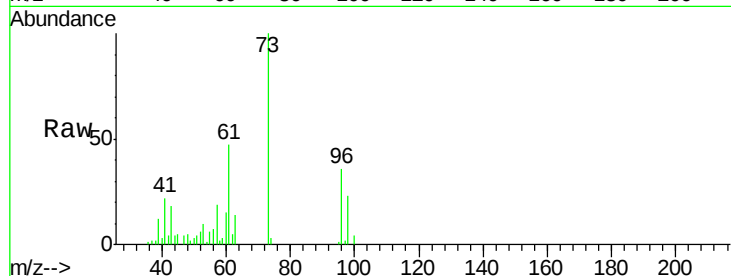




#19
Methyl tert-butyl Ether
Concen: 5.873 ug/l
RT: 5.00 min Scan# 1003
Delta R.T. 0.01 min
Lab File: VN062057.D
Acq: 24 Jun 2020 10:06

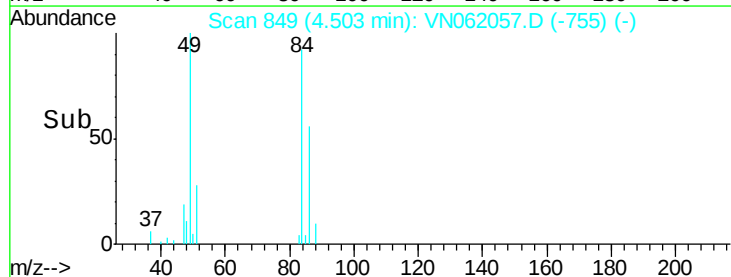
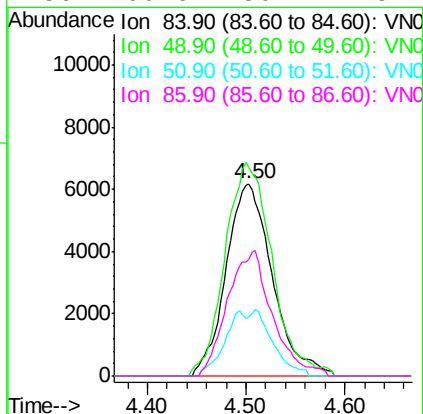
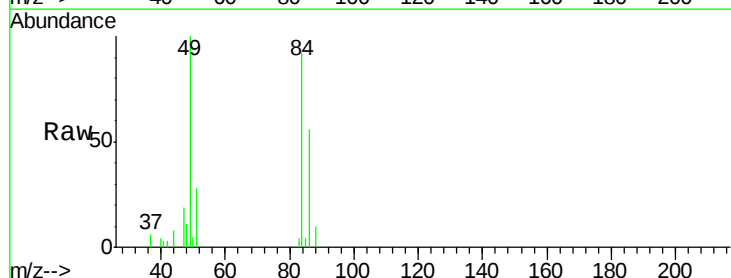
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

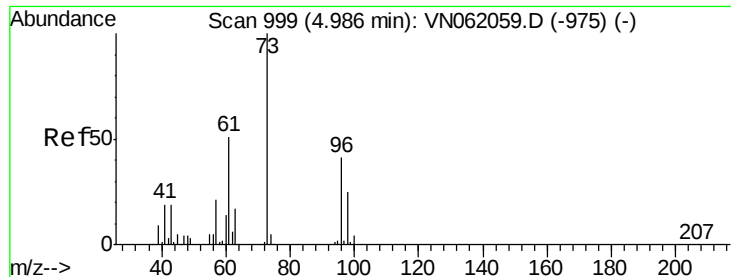
Tgt Ion: 73 Resp: 48877
Ion Ratio Lower Upper
73 100
57 19.3 16.6 24.8



#20
Methylene Chloride
Concen: 6.337 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN062057.D
Acq: 24 Jun 2020 10:06

Tgt Ion: 84 Resp: 20183
Ion Ratio Lower Upper
84 100
49 108.3 90.6 136.0
51 30.5 27.8 41.8
86 60.6 50.1 75.1

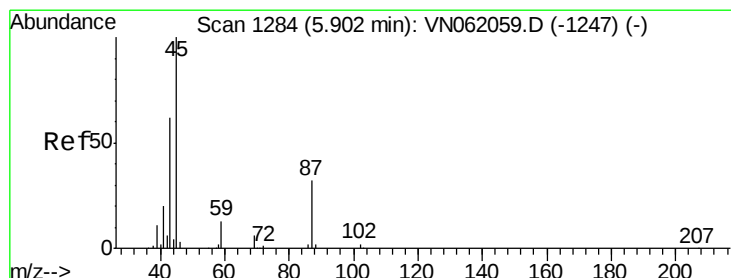
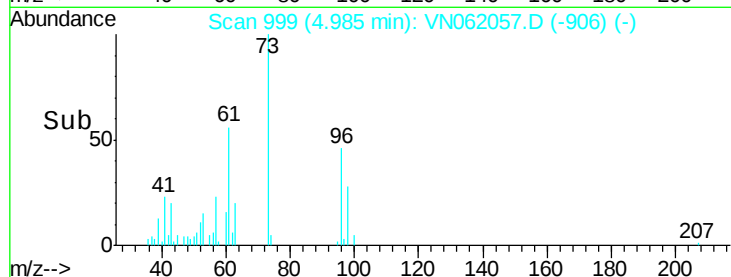
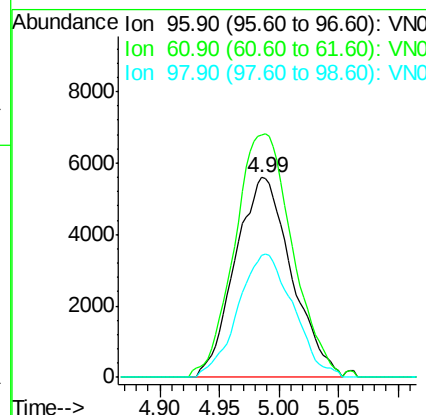
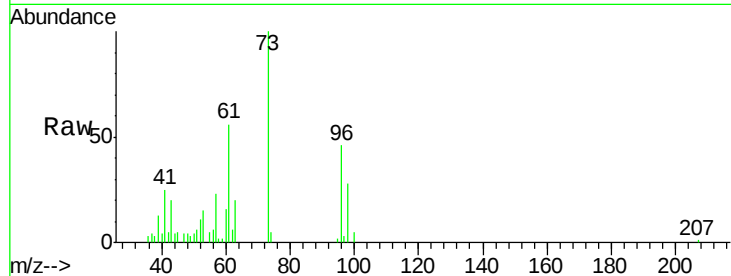




#21
trans-1,2-Dichloroethene
Concen: 6.406 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.00 min
Lab File: VN062057.D
Acq: 24 Jun 2020 10:06

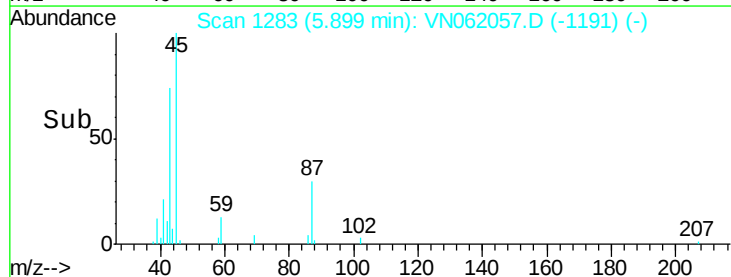
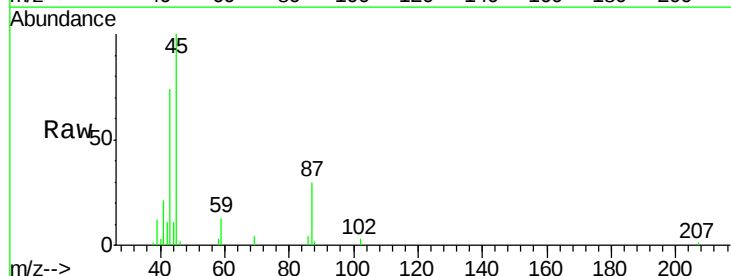
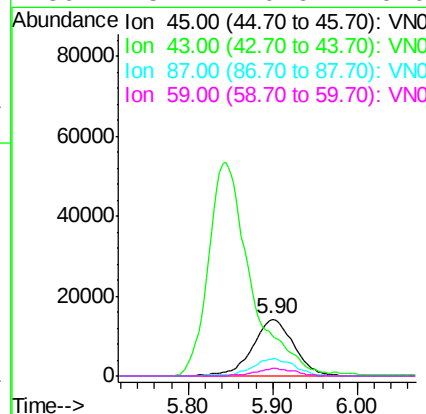
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

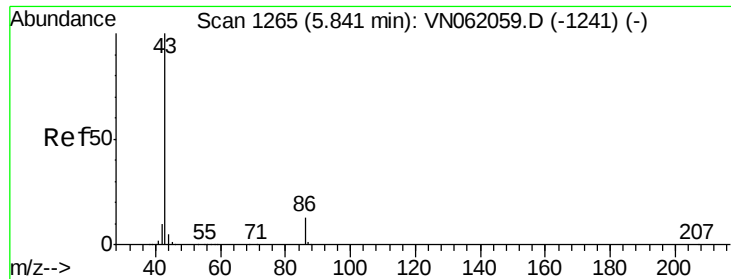
Tgt Ion: 96 Resp: 18373
Ion Ratio Lower Upper
96 100
61 121.7 101.4 152.2
98 60.9 49.3 73.9



#22
Diisopropyl ether
Concen: 6.247 ug/l
RT: 5.90 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VN062057.D
Acq: 24 Jun 2020 10:06

Tgt Ion: 45 Resp: 47895
Ion Ratio Lower Upper
45 100
43 69.3 49.7 74.5
87 30.2 25.9 38.9
59 13.4 10.6 16.0

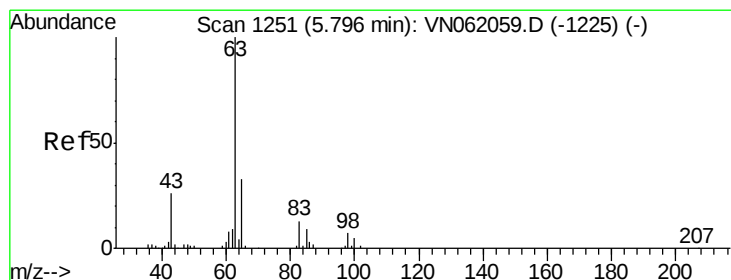
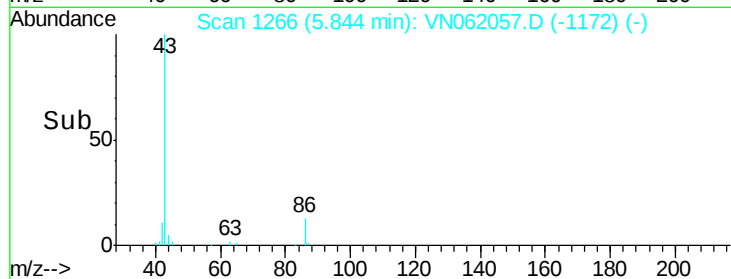
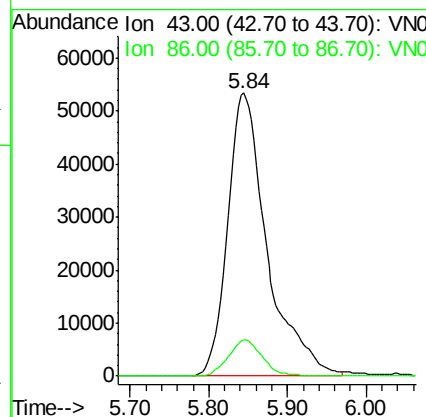
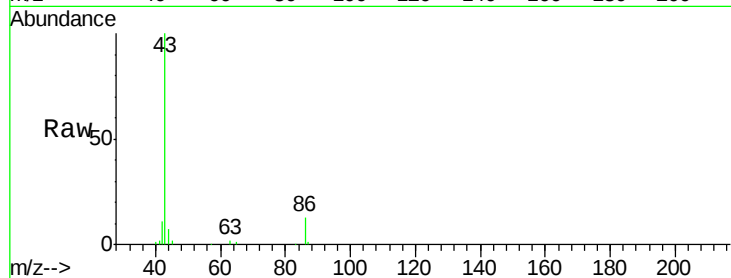




#23
 Vinyl Acetate
 Concen: 30.491 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: VN062057.D
 Acq: 24 Jun 2020 10:06

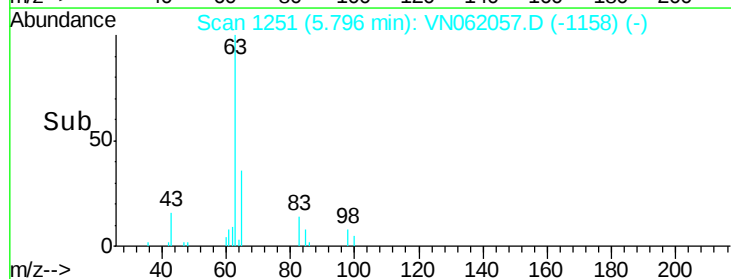
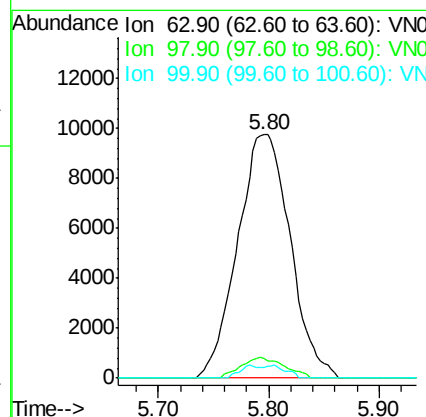
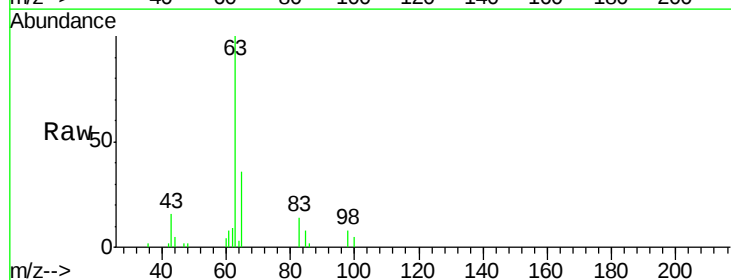
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

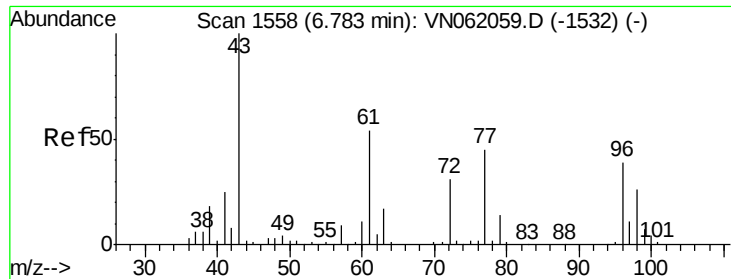
Tgt Ion: 43 Resp: 185882
 Ion Ratio Lower Upper
 43 100
 86 12.8 10.1 15.1



#24
 1,1-Dichloroethane
 Concen: 6.458 ug/l
 RT: 5.80 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VN062057.D
 Acq: 24 Jun 2020 10:06

Tgt Ion: 63 Resp: 32243
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.6 10.9
 100 4.6 2.4 7.1

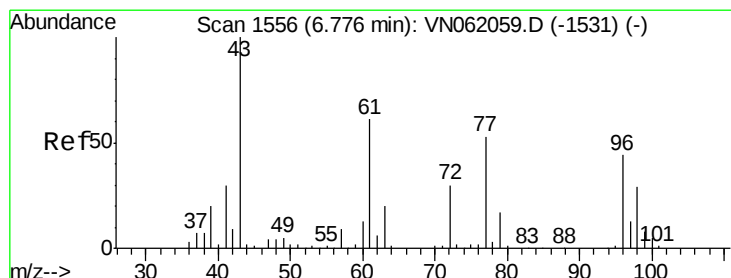
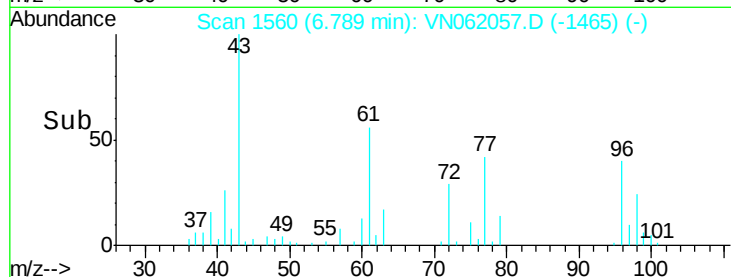
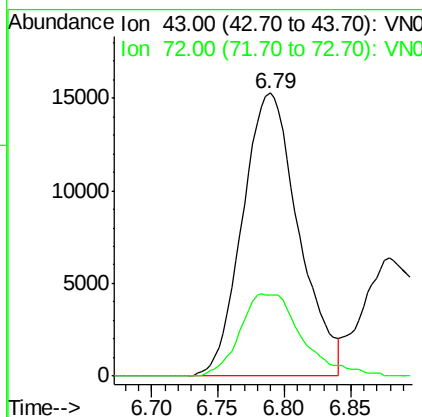
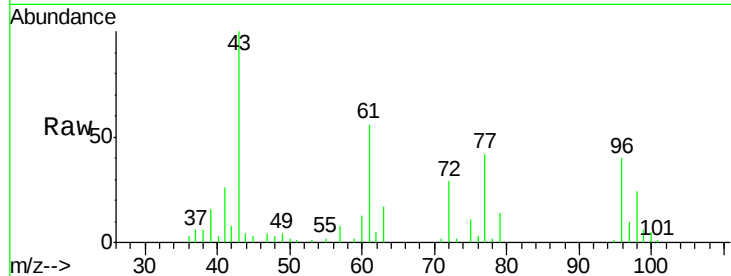




#25
2-Butanone
Concen: 31.126 ug/l
RT: 6.79 min Scan# 1560
Delta R.T. 0.01 min
Lab File: VN062057.D
Acq: 24 Jun 2020 10:06

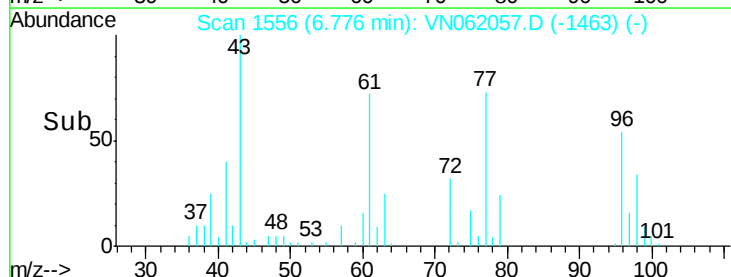
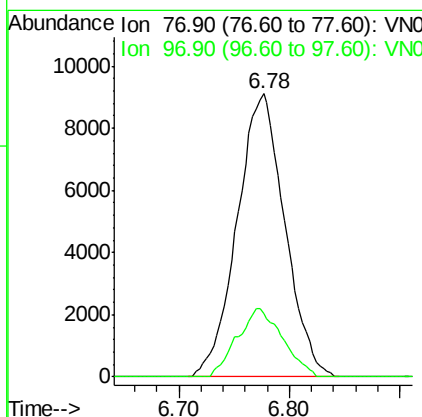
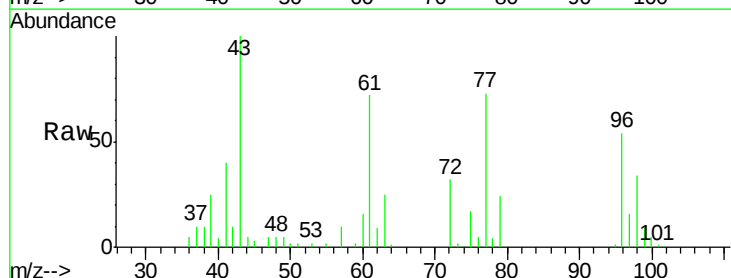
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

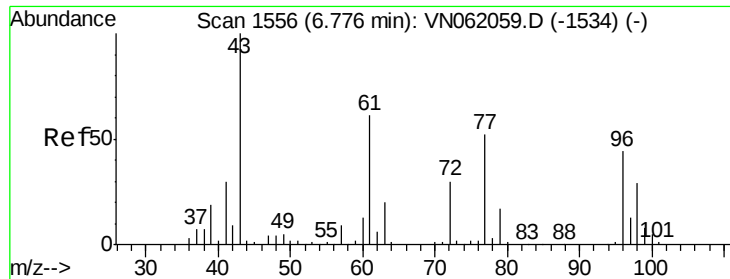
Tgt Ion: 43 Resp: 45097
Ion Ratio Lower Upper
43 100
72 28.6 24.8 37.2



#26
2,2-Dichloropropane
Concen: 6.481 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. -0.00 min
Lab File: VN062057.D
Acq: 24 Jun 2020 10:06

Tgt Ion: 77 Resp: 27366
Ion Ratio Lower Upper
77 100
97 22.9 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 6.181 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. 0.01 min

Lab File: VN062057.D

Acq: 24 Jun 2020 10:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

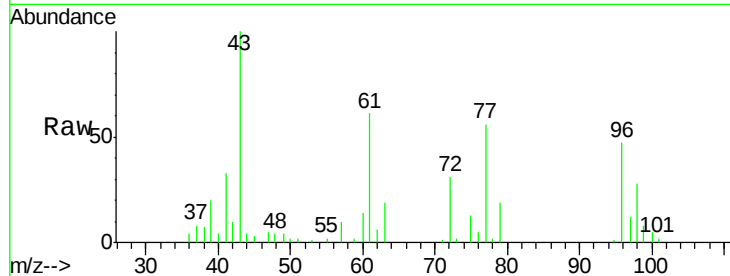
Tgt Ion: 96 Resp: 20421

Ion Ratio Lower Upper

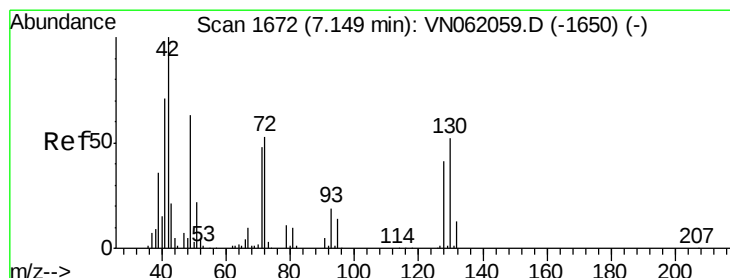
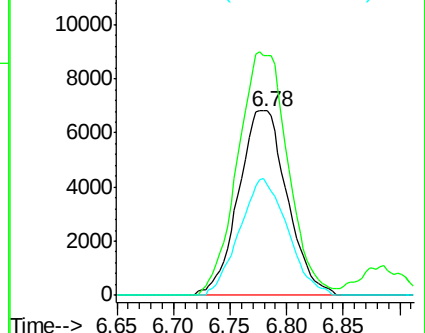
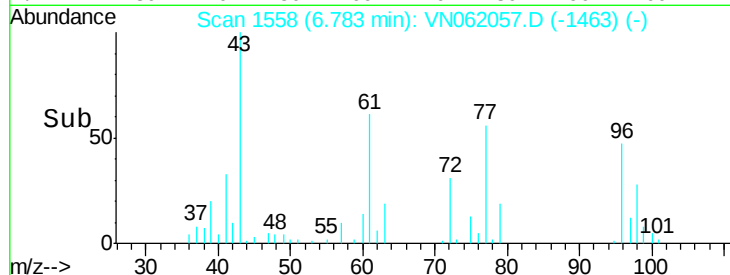
96 100

61 136.3 0.0 280.4

98 62.3 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VN062057.D (-1463) (-)



#28

Bromochloromethane

Concen: 6.042 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VN062057.D

Acq: 24 Jun 2020 10:06

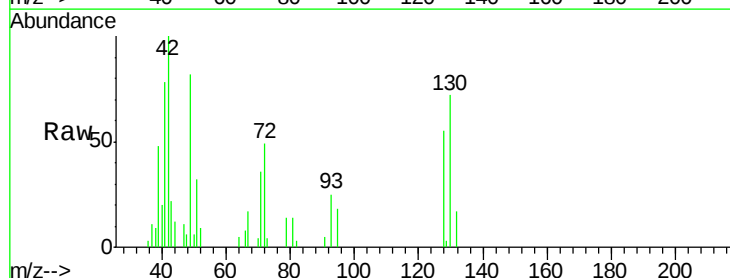
Tgt Ion: 49 Resp: 13480

Ion Ratio Lower Upper

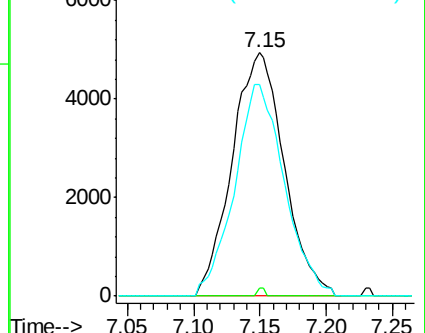
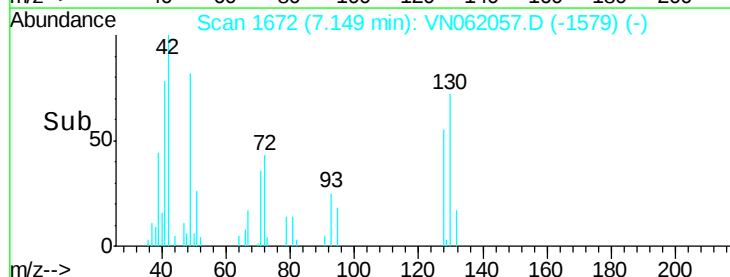
49 100

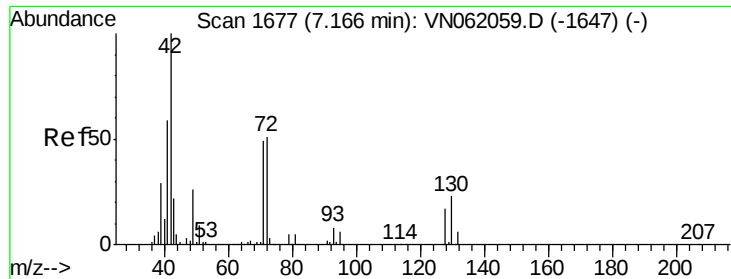
129 0.5 0.0 4.4

130 83.0 65.5 98.3



Abundance Ion 48.90 (48.60 to 49.60): VN062057.D (-1579) (-)





#29

Tetrahydrofuran

Concen: 31.022 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. 0.00 min

Lab File: VN062057.D

Acq: 24 Jun 2020 10:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

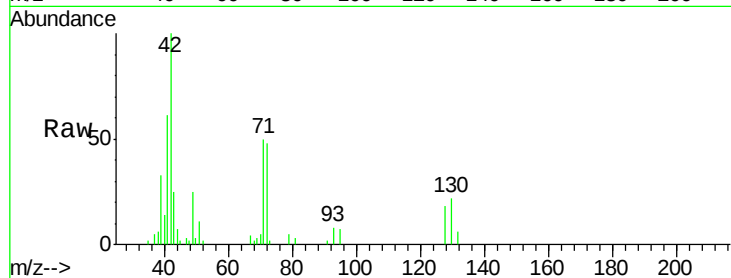
Tgt Ion: 42 Resp: 29628

Ion Ratio Lower Upper

42 100

72 50.5 41.1 61.7

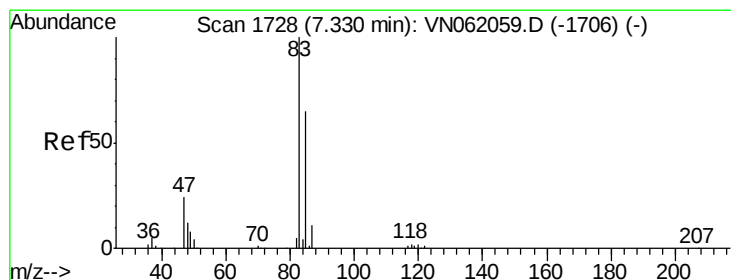
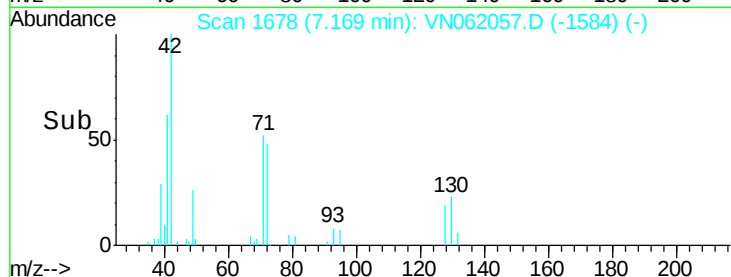
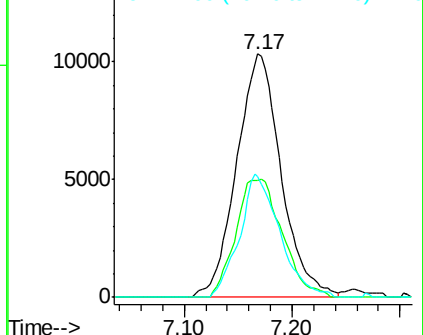
71 45.9 38.2 57.4



Abundance Ion 42.00 (41.70 to 42.70): VN062057.D (-1647) (-)

Ion 72.00 (71.70 to 72.70): VN062057.D (-1647) (-)

Ion 71.00 (70.70 to 71.70): VN062057.D (-1647) (-)



#30

Chloroform

Concen: 6.203 ug/l

RT: 7.33 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VN062057.D

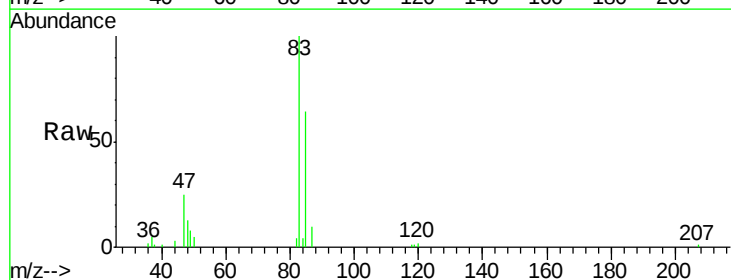
Acq: 24 Jun 2020 10:06

Tgt Ion: 83 Resp: 32899

Ion Ratio Lower Upper

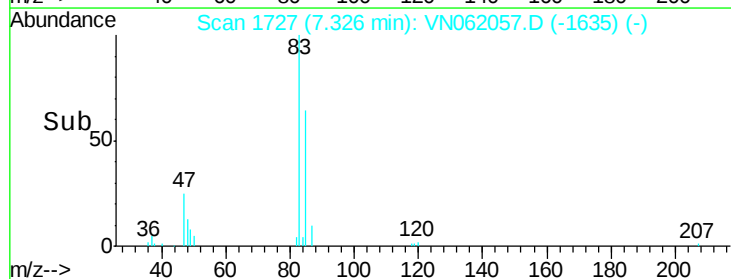
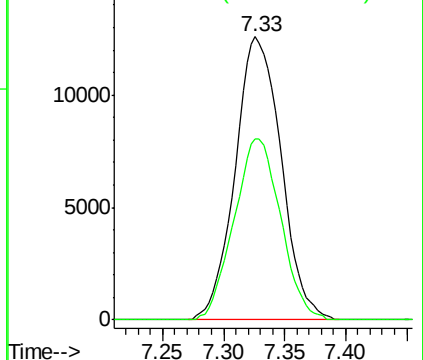
83 100

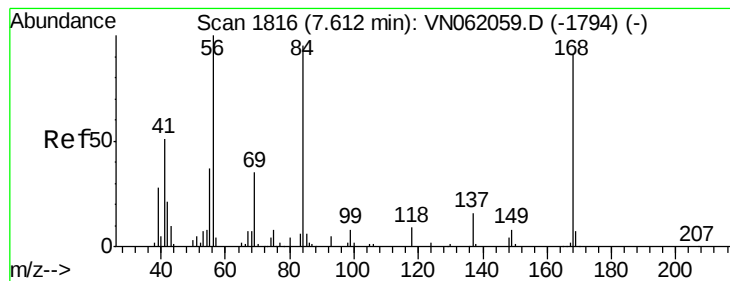
85 64.0 52.3 78.5



Abundance Ion 82.90 (82.60 to 83.60): VN062057.D (-1635) (-)

Ion 84.90 (84.60 to 85.60): VN062057.D (-1635) (-)





#31

Cyclohexane

Concen: 6.733 ug/l

RT: 7.62 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VN062057.D

Acq: 24 Jun 2020 10:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

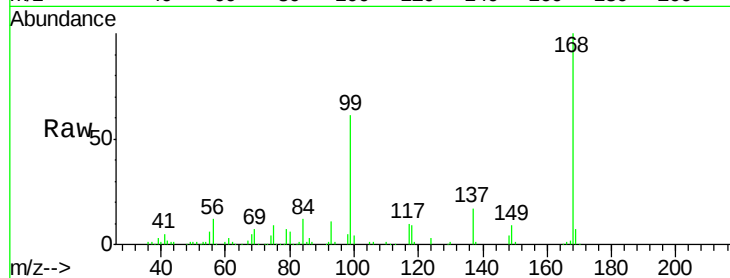
Tgt Ion: 56 Resp: 29469

Ion Ratio Lower Upper

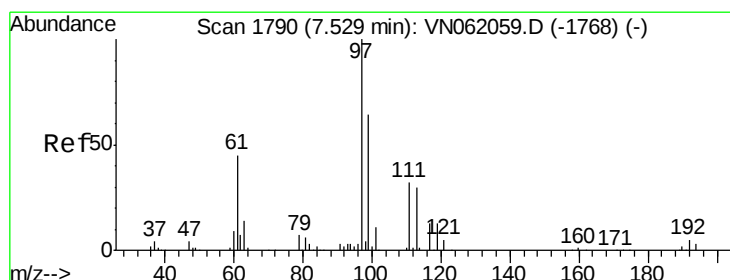
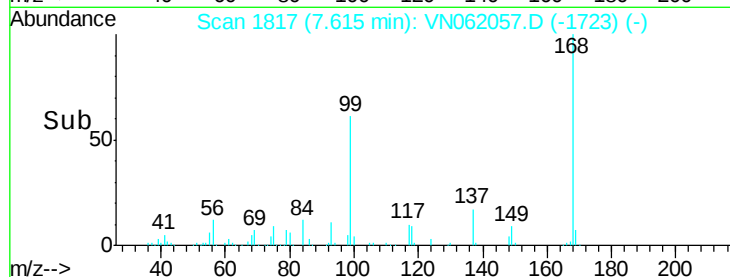
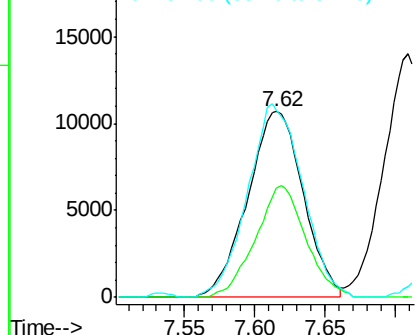
56 100

69 58.8 28.0 42.0#

84 100.5 76.1 114.1



Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO



#32

1,1,1-Trichloroethane

Concen: 6.222 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN062057.D

Acq: 24 Jun 2020 10:06

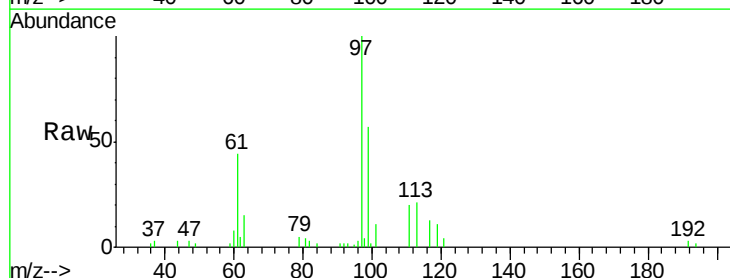
Tgt Ion: 97 Resp: 28064

Ion Ratio Lower Upper

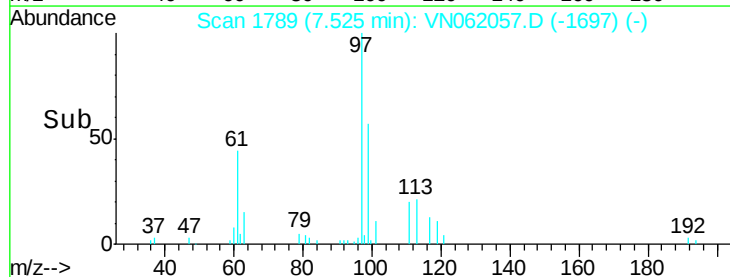
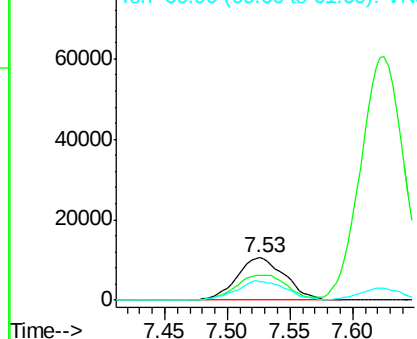
97 100

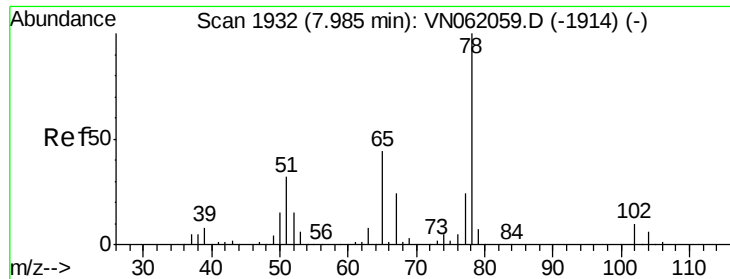
99 62.6 51.0 76.4

61 46.2 36.2 54.2



Abundance Ion 96.90 (96.60 to 97.60): VNO
Ion 98.90 (98.60 to 99.60): VNO
Ion 60.90 (60.60 to 61.60): VNO





#33

1,2-Dichloroethane-d4

Concen: 5.621 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062057.D

Acq: 24 Jun 2020 10:06

Instrument :

MSVOA_N

ClientSampleId :

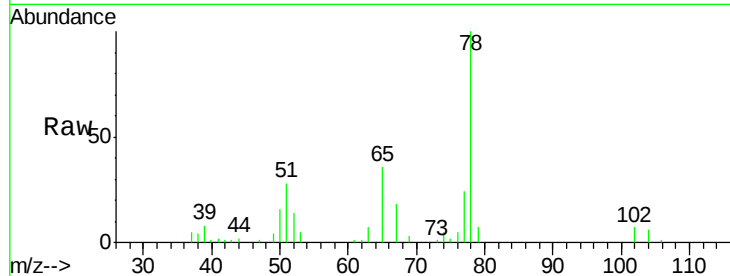
VSTDIC005

Tgt Ion: 65 Resp: 18441

Ion Ratio Lower Upper

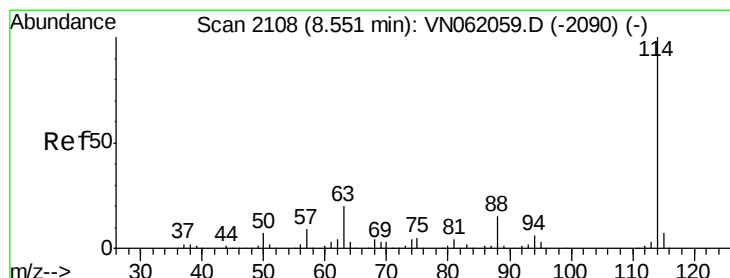
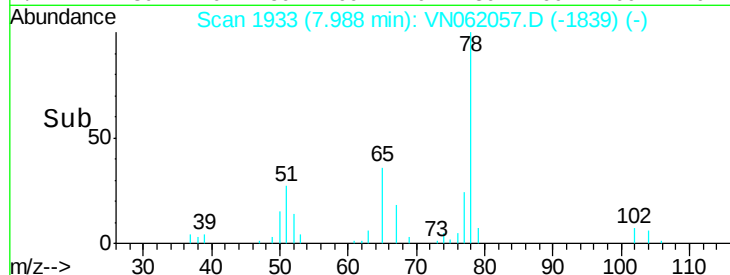
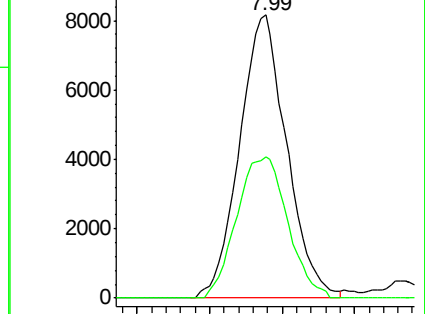
65 100

67 53.7 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VN062057.D (-1839) (-)

Ion 66.90 (66.60 to 67.60): VN062057.D (-1839) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2107

Delta R.T. -0.00 min

Lab File: VN062057.D

Acq: 24 Jun 2020 10:06

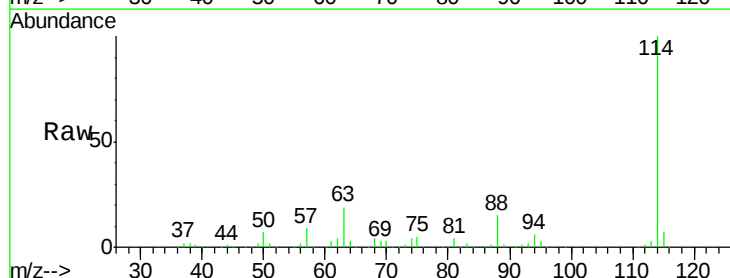
Tgt Ion: 114 Resp: 443150

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.2

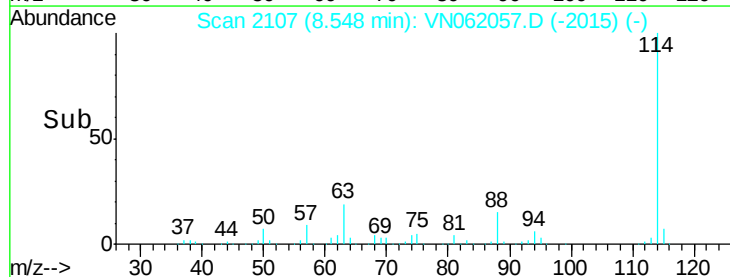
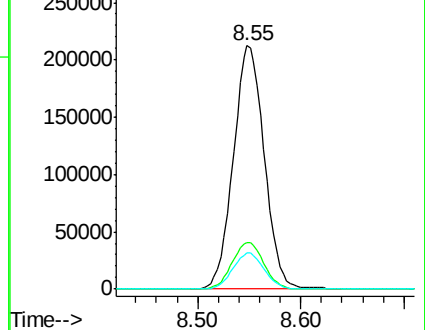
88 14.7 0.0 30.8



Abundance Ion 113.90 (113.60 to 114.60): VN062057.D (-2015) (-)

Ion 63.00 (62.70 to 63.70): VN062057.D (-2015) (-)

Ion 87.90 (87.60 to 88.60): VN062057.D (-2015) (-)

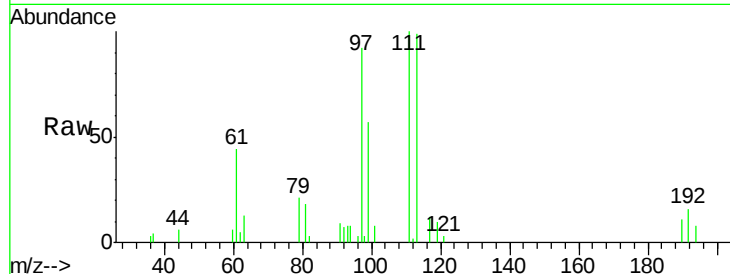




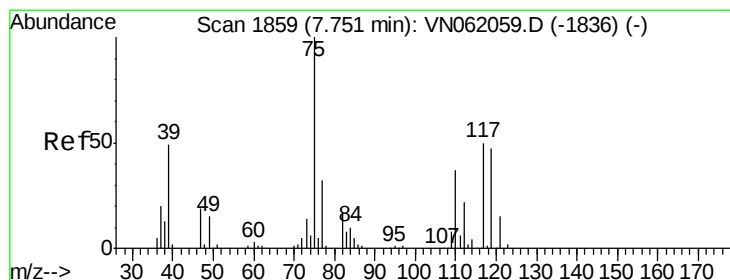
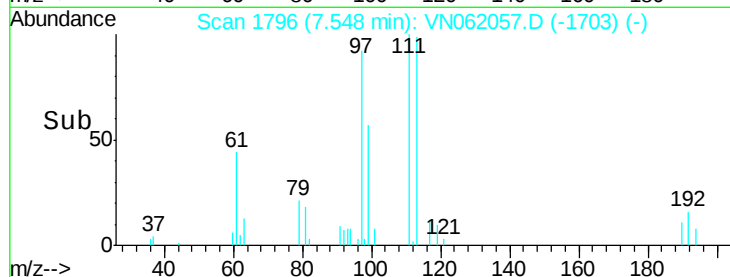
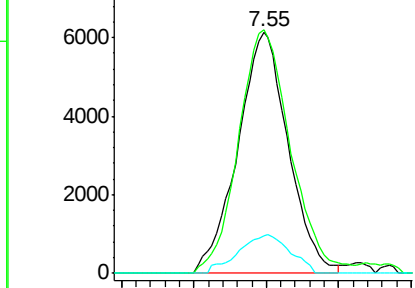
#35
 Dibromofluoromethane
 Concen: 5.264 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062057.D
 Acq: 24 Jun 2020 10:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion: 113 Resp: 14804
 Ion Ratio Lower Upper
 113 100
 111 104.5 82.2 123.4
 192 16.4 14.0 21.0

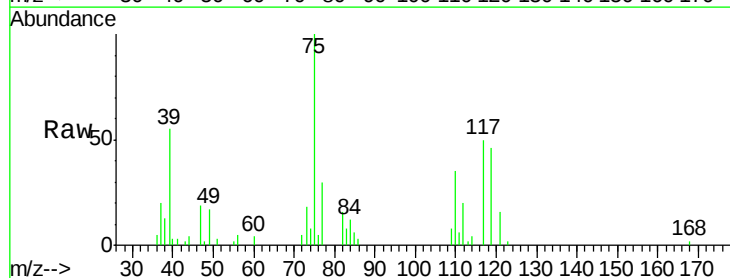


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

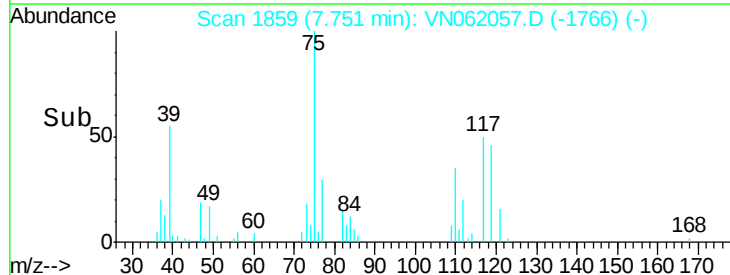
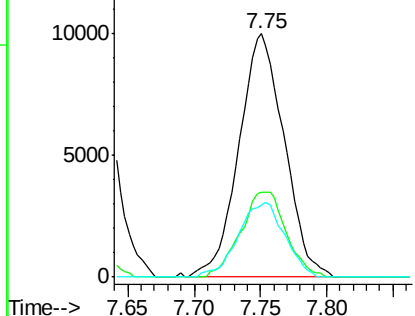


#36
 1,1-Dichloropropene
 Concen: 5.881 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062057.D
 Acq: 24 Jun 2020 10:06

Tgt Ion: 75 Resp: 23826
 Ion Ratio Lower Upper
 75 100
 110 35.0 17.9 53.8
 77 31.3 24.9 37.3



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

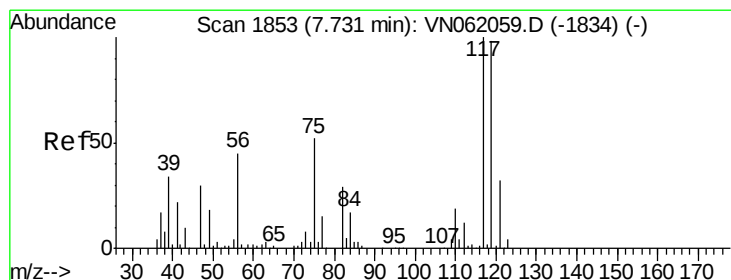
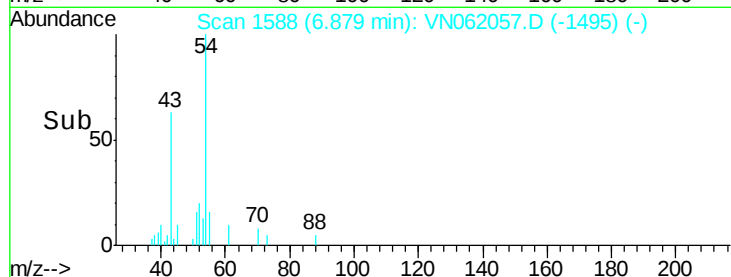
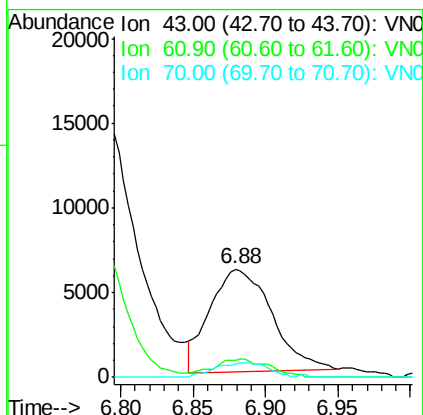
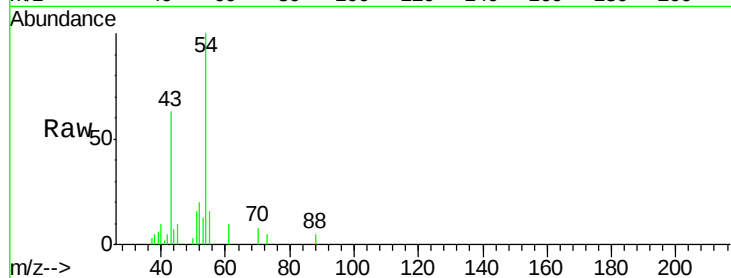




#37
Ethyl Acetate
Concen: 5.586 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN062057.D
Acq: 24 Jun 2020 10:06

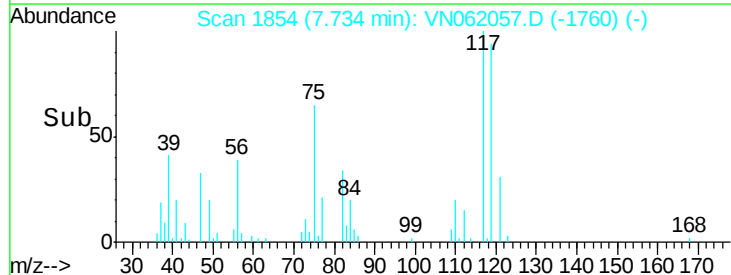
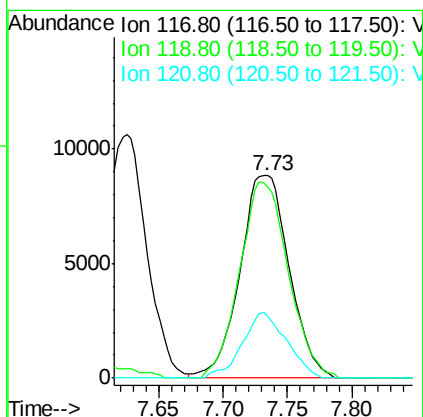
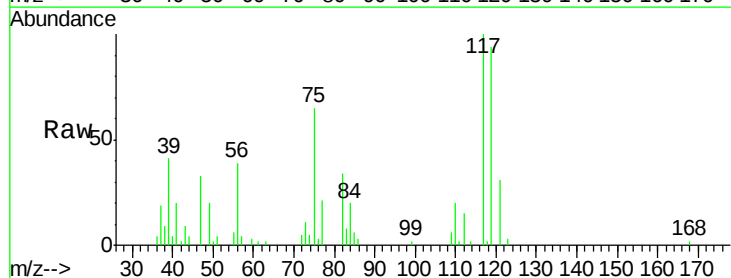
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 17927
Ion Ratio Lower Upper
43 100
61 16.7 12.0 18.0
70 12.5 9.6 14.4



#38
Carbon Tetrachloride
Concen: 5.892 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN062057.D
Acq: 24 Jun 2020 10:06

Tgt Ion: 117 Resp: 23508
Ion Ratio Lower Upper
117 100
119 94.3 78.2 117.2
121 30.8 25.8 38.6

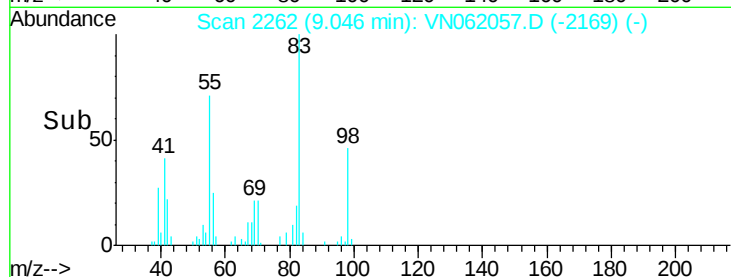
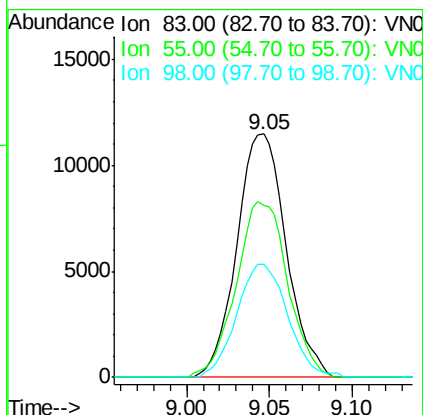
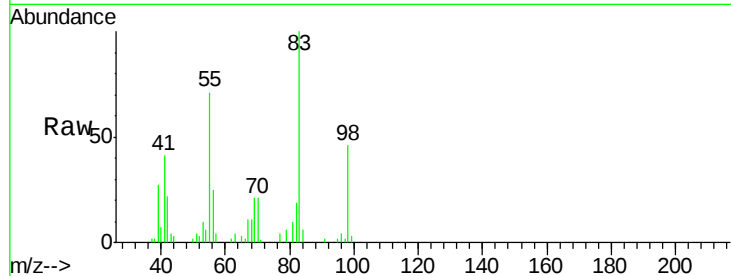




#39
Methylcyclohexane
Concen: 5.440 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062057.D
Acq: 24 Jun 2020 10:06

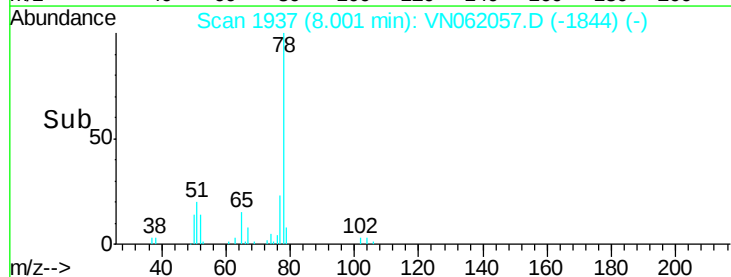
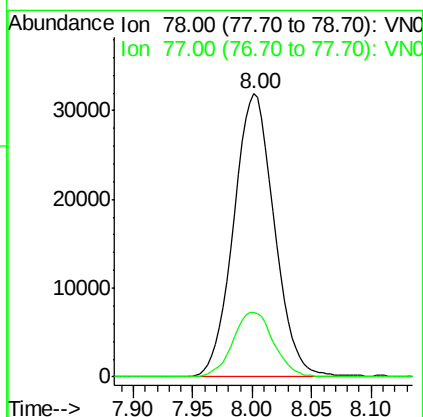
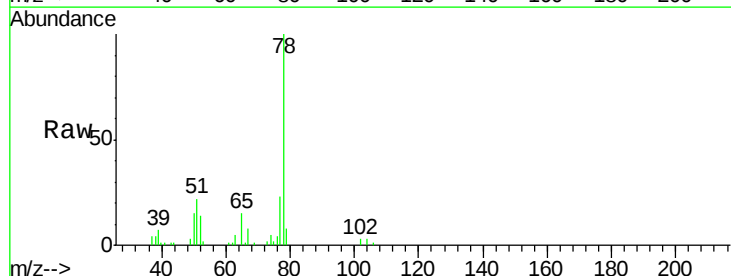
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

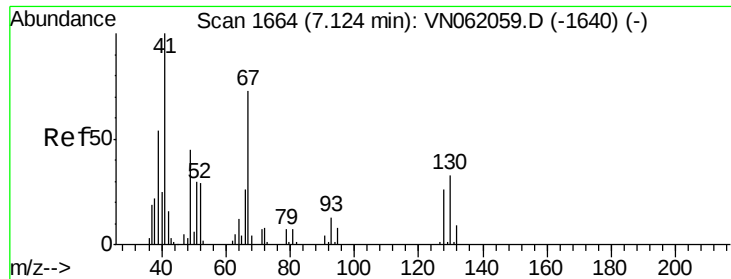
Tgt Ion: 83 Resp: 23742
Ion Ratio Lower Upper
83 100
55 70.7 57.0 85.6
98 46.2 39.0 58.6



#40
Benzene
Concen: 6.130 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062057.D
Acq: 24 Jun 2020 10:06

Tgt Ion: 78 Resp: 75594
Ion Ratio Lower Upper
78 100
77 22.8 19.5 29.3

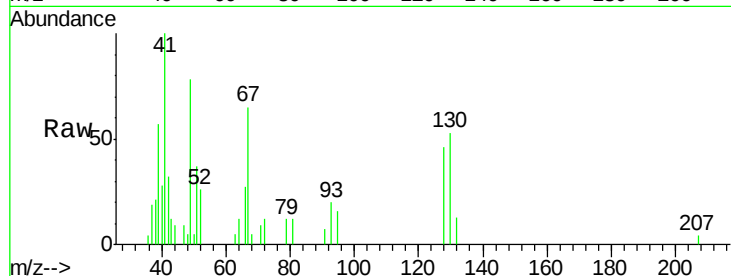




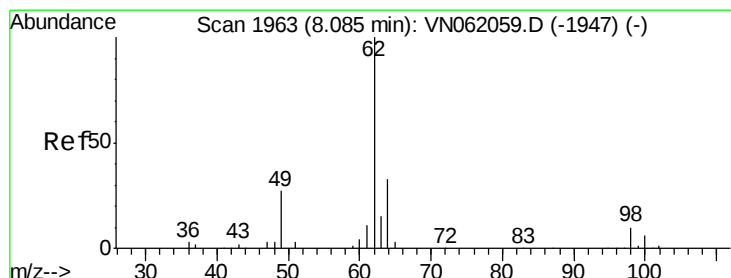
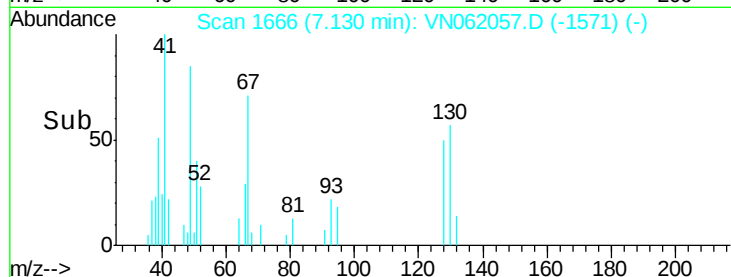
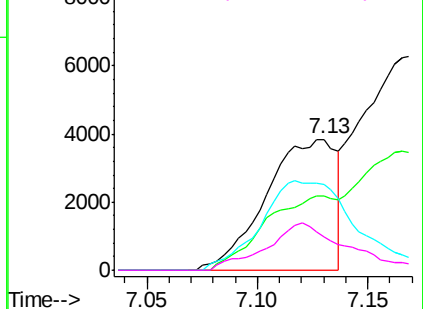
#41
Methacrylonitrile
Concen: 6.083 ug/l
RT: 7.13 min Scan# 1666
Delta R.T. 0.01 min
Lab File: VN062057.D
Acq: 24 Jun 2020 10:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:	41	Resp:	8506
Ion	Ratio	Lower	Upper
41	100		
39	58.3	44.2	66.2
67	91.7	79.5	119.3
52	40.9	32.3	48.5

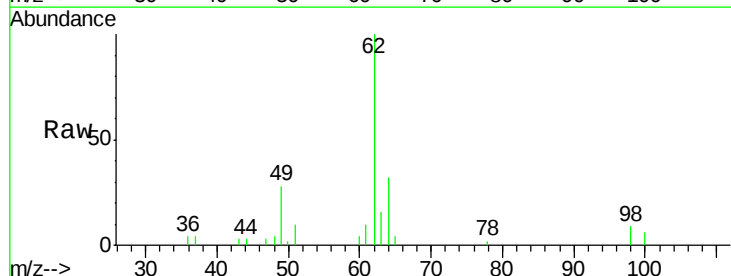


Abundance Ion 41.00 (40.70 to 41.70): VN062059.D (-1640) (-)
Ion 39.00 (38.70 to 39.70): VN062059.D (-1640) (-)
Ion 67.00 (66.70 to 67.70): VN062059.D (-1640) (-)
Ion 52.00 (51.70 to 52.70): VN062059.D (-1640) (-)

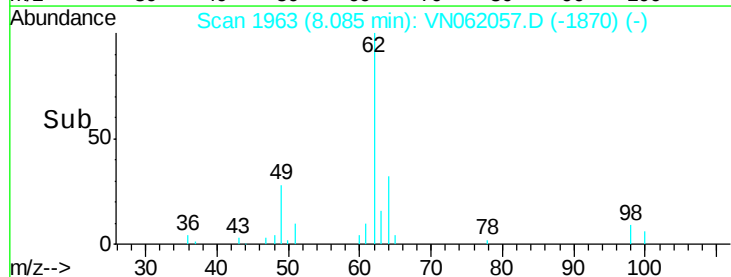
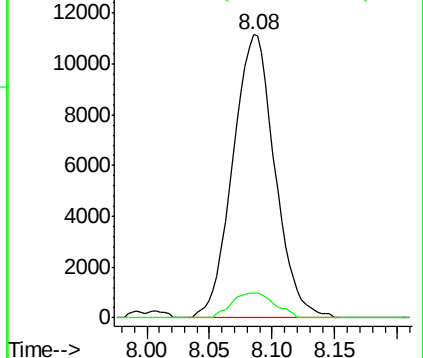


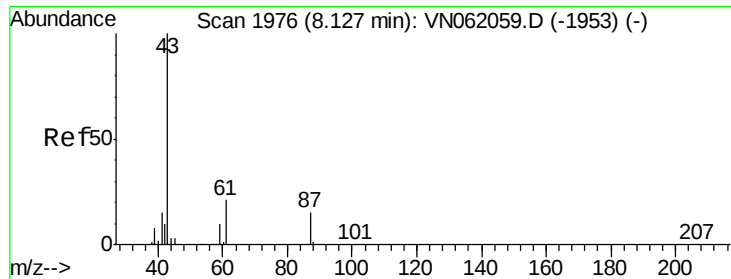
#42
1,2-Dichloroethane
Concen: 6.188 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062057.D
Acq: 24 Jun 2020 10:06

Tgt Ion:	62	Resp:	25991
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	19.8



Abundance Ion 61.90 (61.60 to 62.60): VN062059.D (-1947) (-)
Ion 97.90 (97.60 to 98.60): VN062059.D (-1947) (-)

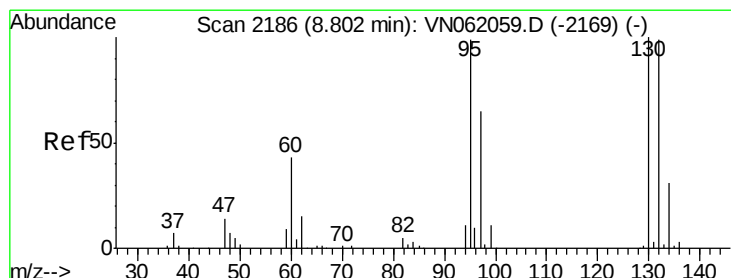
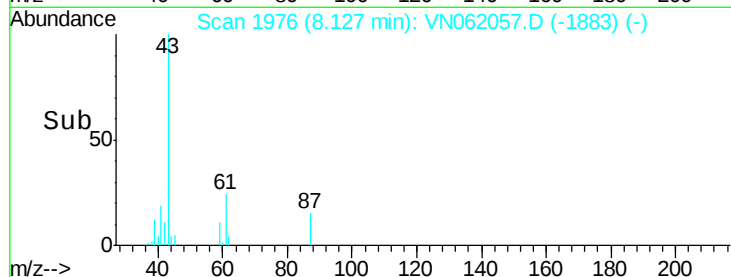
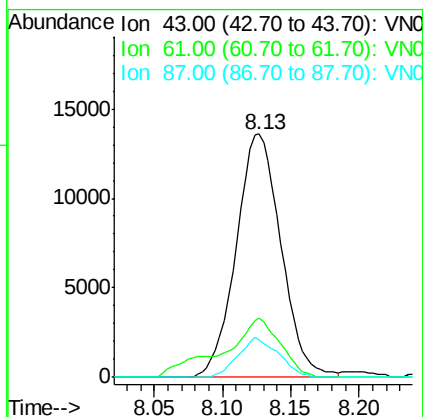
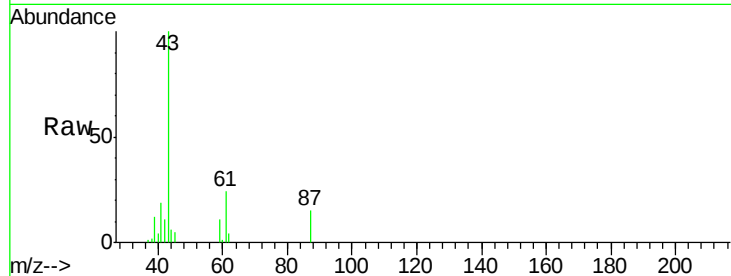




#43
Isopropyl Acetate
Concen: 5.776 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN062057.D
Acq: 24 Jun 2020 10:06

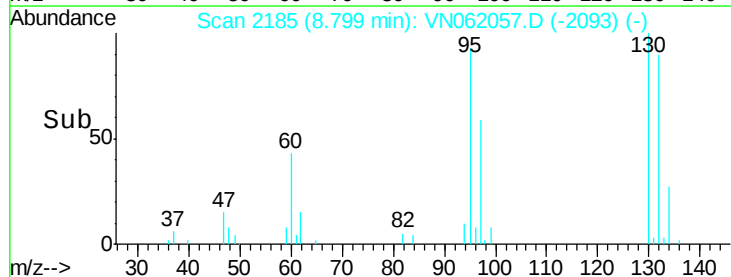
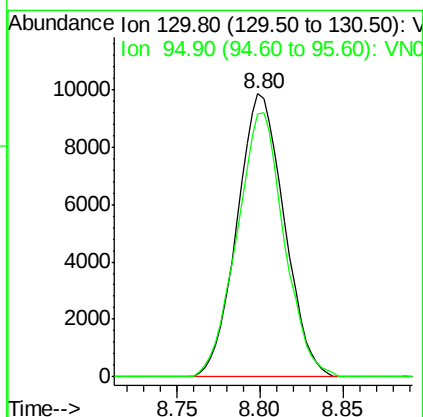
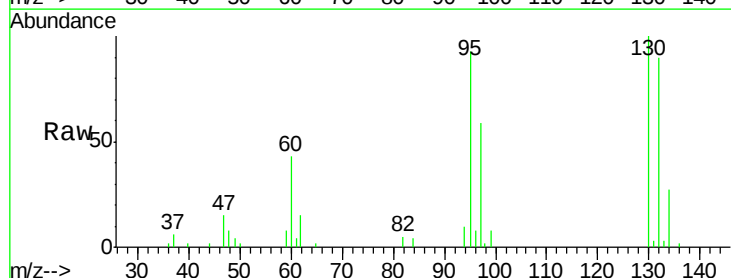
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

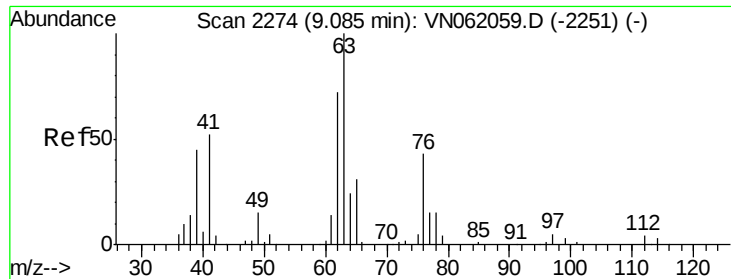
Tgt Ion: 43 Resp: 31035
Ion Ratio Lower Upper
43 100
61 31.1 17.2 25.8#
87 14.6 12.1 18.1



#44
Trichloroethene
Concen: 6.056 ug/l
RT: 8.80 min Scan# 2185
Delta R.T. -0.00 min
Lab File: VN062057.D
Acq: 24 Jun 2020 10:06

Tgt Ion: 130 Resp: 19467
Ion Ratio Lower Upper
130 100
95 92.9 0.0 197.8

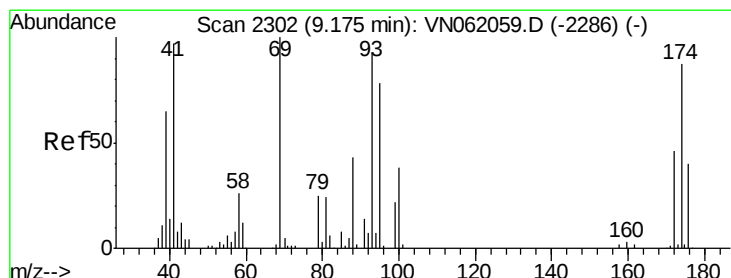
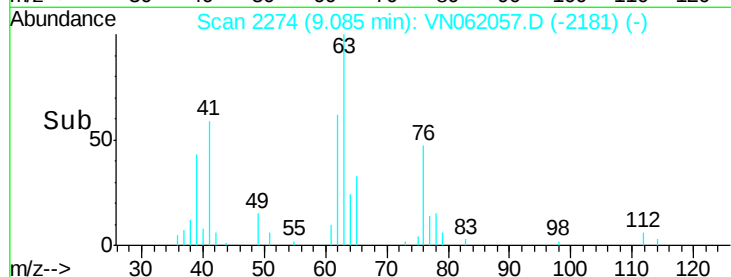
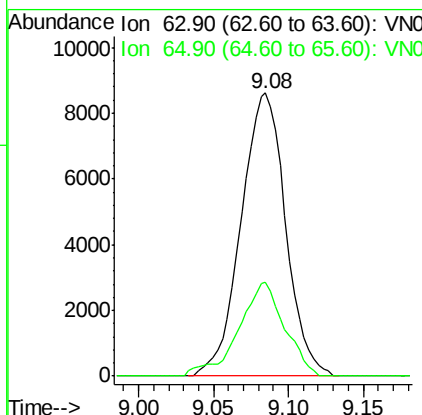
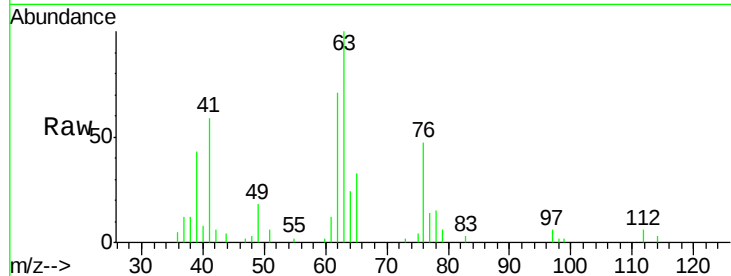




#45
 1,2-Dichloropropane
 Concen: 5.895 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062057.D
 Acq: 24 Jun 2020 10:06

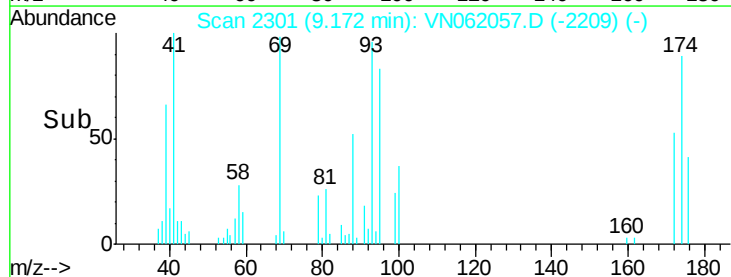
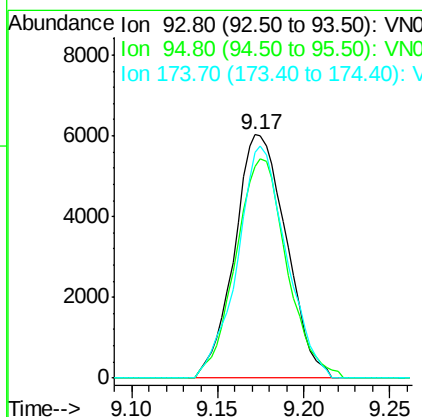
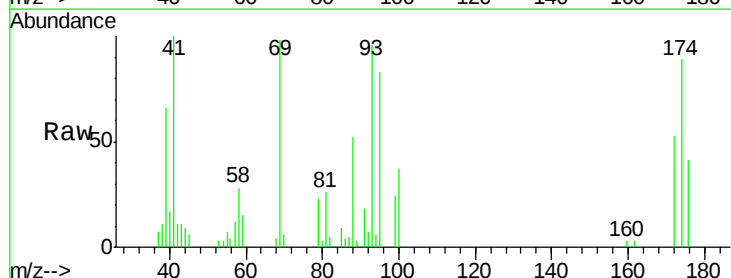
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

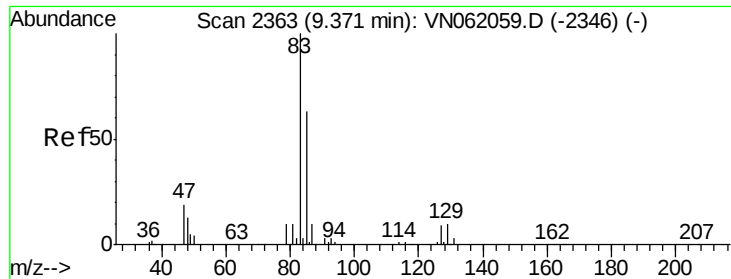
Tgt Ion: 63 Resp: 17843
 Ion Ratio Lower Upper
 63 100
 65 33.4 25.0 37.4



#46
 Dibromomethane
 Concen: 5.930 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN062057.D
 Acq: 24 Jun 2020 10:06

Tgt Ion: 93 Resp: 12565
 Ion Ratio Lower Upper
 93 100
 95 89.0 67.0 100.6
 174 90.2 74.4 111.6





#47

Bromodichloromethane

Concen: 5.718 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062057.D

Acq: 24 Jun 2020 10:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

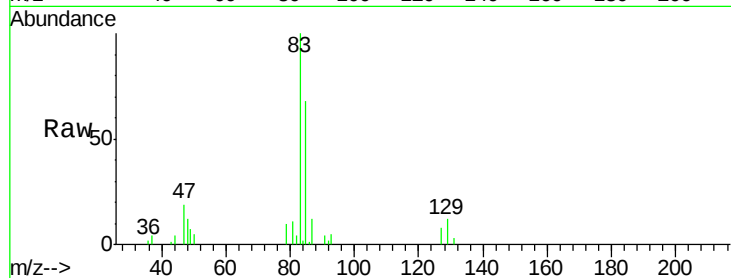
Tgt Ion: 83 Resp: 24883

Ion Ratio Lower Upper

83 100

85 68.1 50.3 75.5

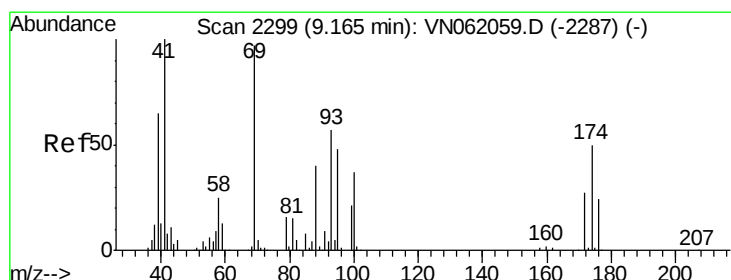
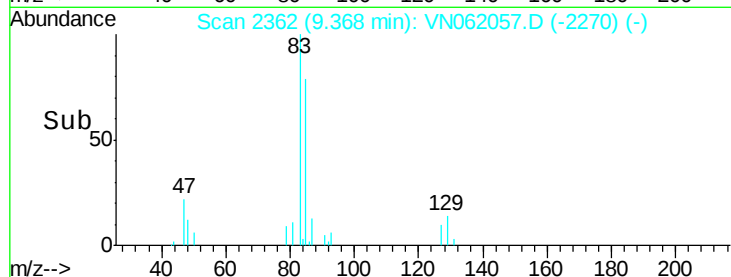
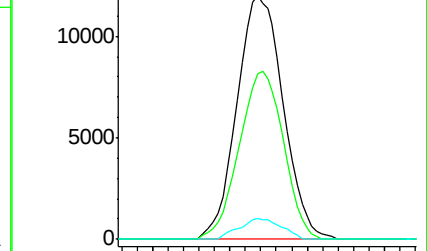
127 8.5 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN062057.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062057.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062057.D (-2270) (-)



#48

Methyl methacrylate

Concen: 5.218 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062057.D

Acq: 24 Jun 2020 10:06

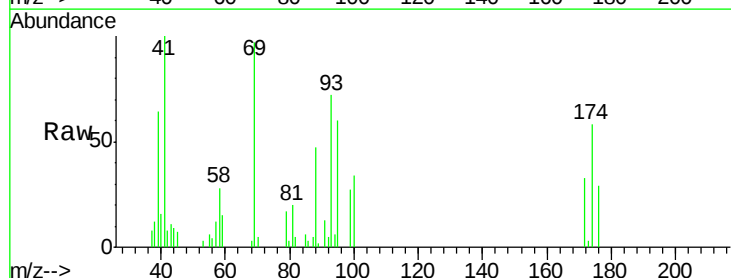
Tgt Ion: 41 Resp: 12810

Ion Ratio Lower Upper

41 100

69 101.4 80.7 121.1

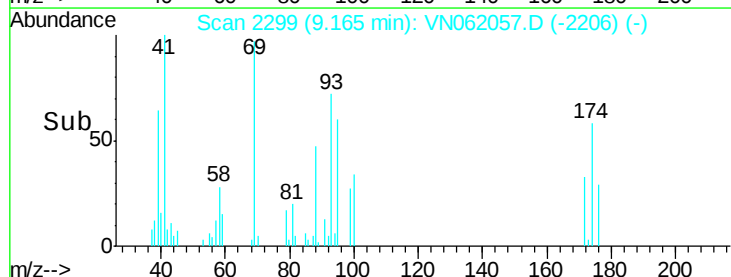
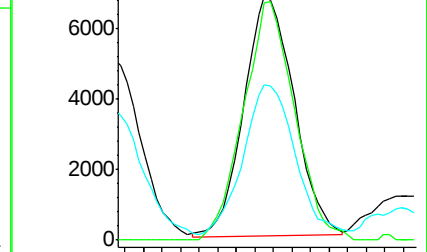
39 65.4 54.5 81.7



Abundance Ion 41.00 (40.70 to 41.70): VN062057.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN062057.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN062057.D (-2206) (-)

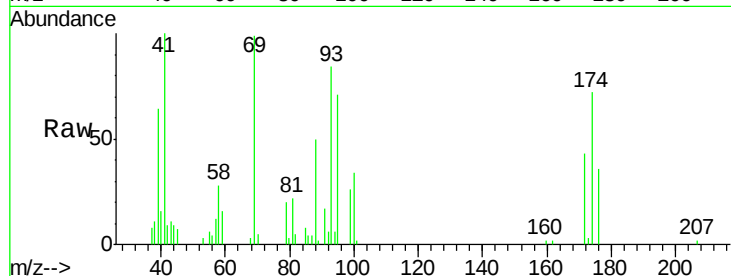




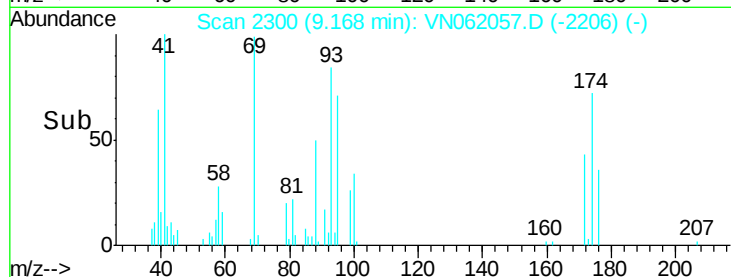
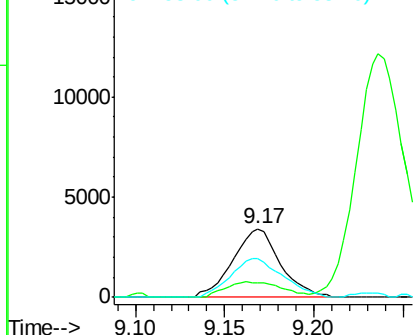
#49
1,4-Dioxane
Concen: 111.528 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VN062057.D
Acq: 24 Jun 2020 10:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 88 Resp: 6300
Ion Ratio Lower Upper
88 100
43 27.1 22.0 33.0
58 62.7 49.2 73.8

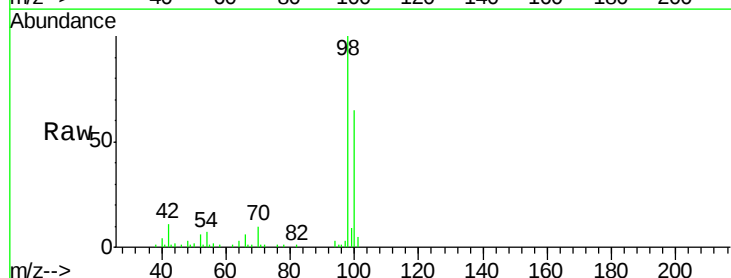


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

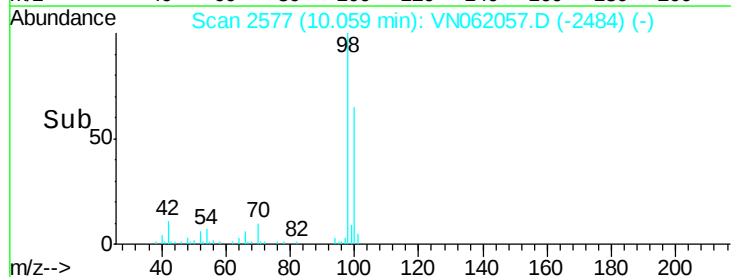
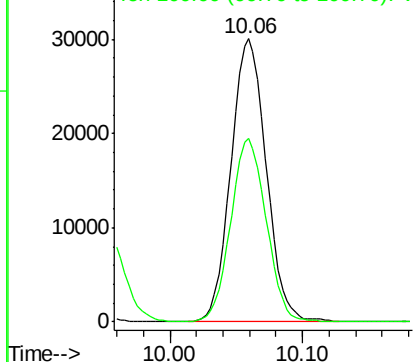


#50
Toluene-d8
Concen: 5.004 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062057.D
Acq: 24 Jun 2020 10:06

Tgt Ion: 98 Resp: 55647
Ion Ratio Lower Upper
98 100
100 65.0 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

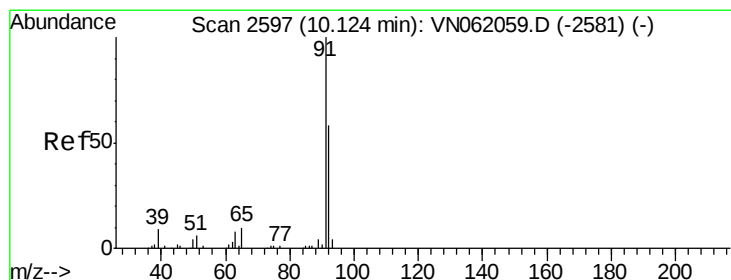
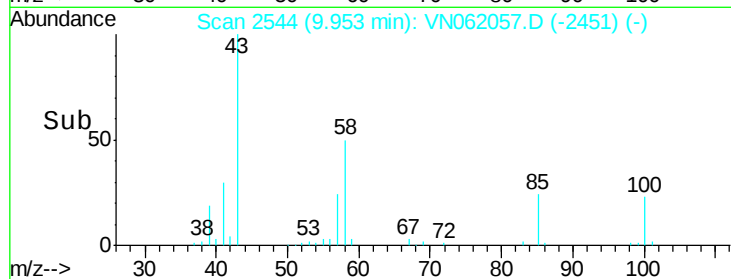
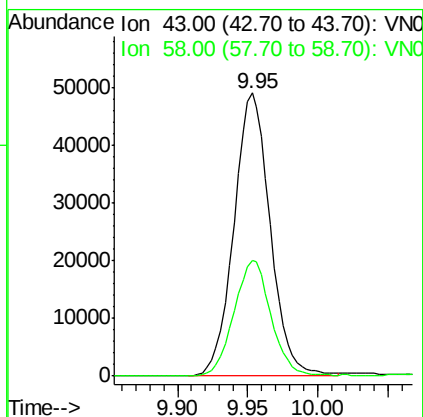
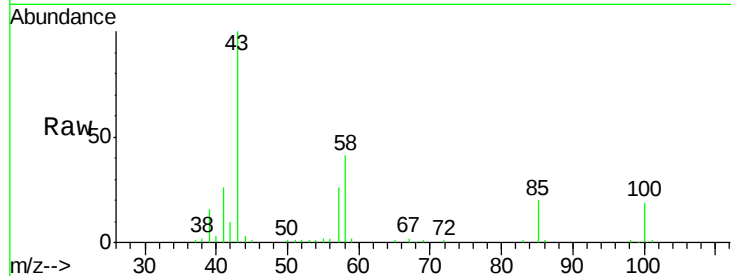




#51
 4-Methyl-2-Pentanone
 Concen: 27.686 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. -0.00 min
 Lab File: VN062057.D
 Acq: 24 Jun 2020 10:06

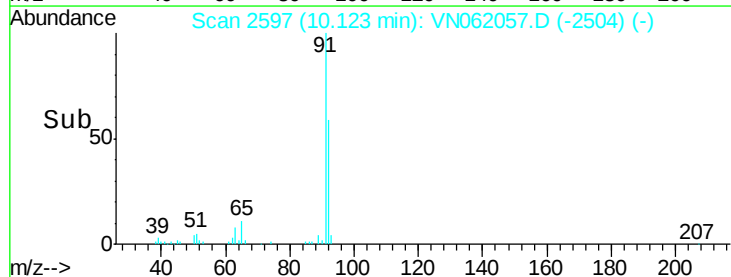
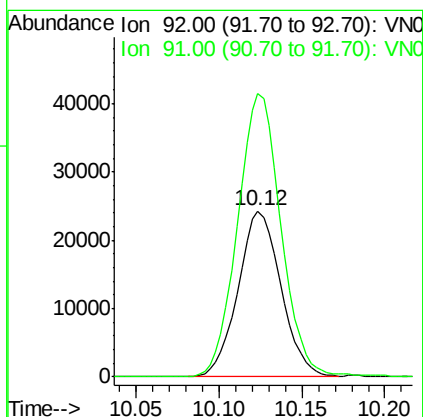
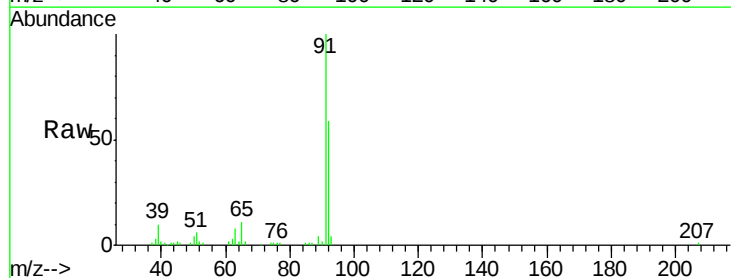
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC005

Tgt Ion: 43 Resp: 88465
 Ion Ratio Lower Upper
 43 100
 58 41.7 34.2 51.2



#52
 Toluene
 Concen: 5.658 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: VN062057.D
 Acq: 24 Jun 2020 10:06

Tgt Ion: 92 Resp: 43708
 Ion Ratio Lower Upper
 92 100
 91 172.5 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 5.691 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062057.D

Acq: 24 Jun 2020 10:06

Instrument :

MSVOA_N

ClientSampleId :

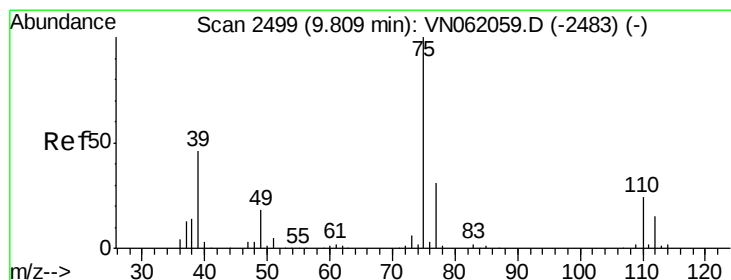
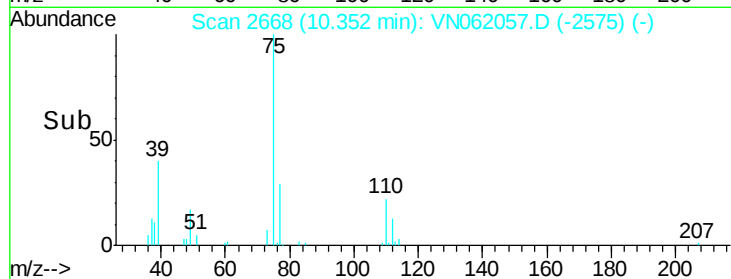
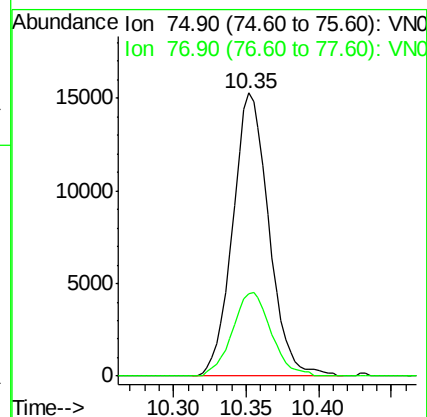
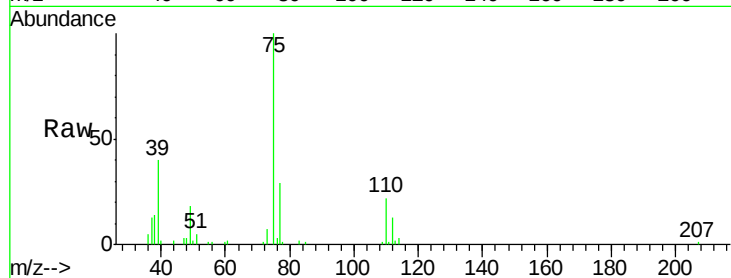
VSTDIC005

Tgt Ion: 75 Resp: 26444

Ion Ratio Lower Upper

75 100

77 29.3 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 5.562 ug/l

RT: 9.81 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VN062057.D

Acq: 24 Jun 2020 10:06

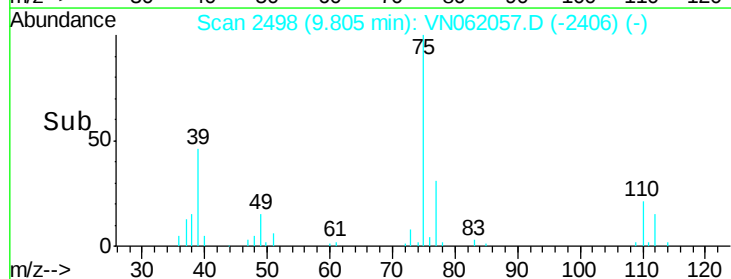
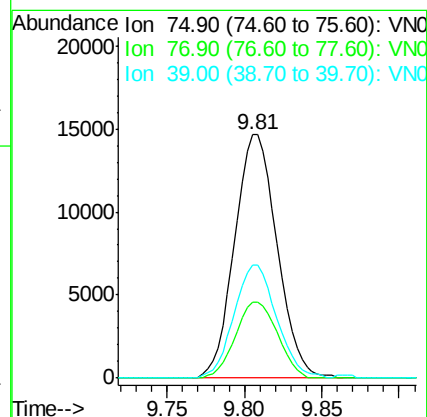
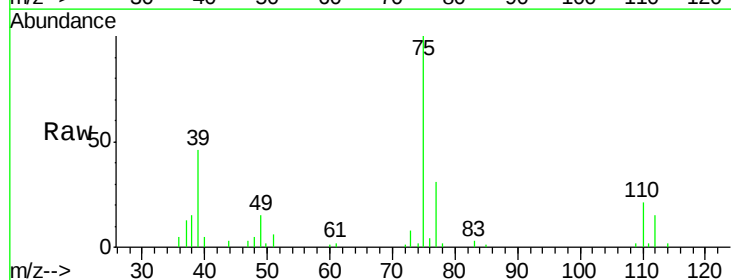
Tgt Ion: 75 Resp: 28010

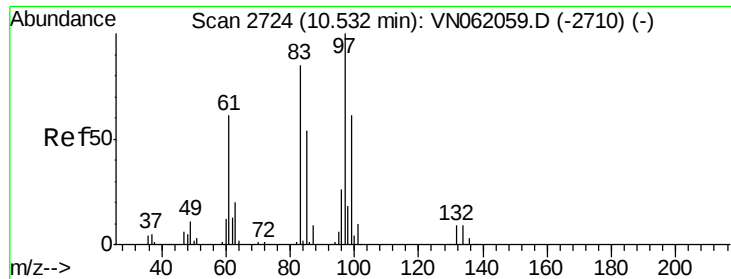
Ion Ratio Lower Upper

75 100

77 31.1 25.0 37.6

39 46.2 36.9 55.3

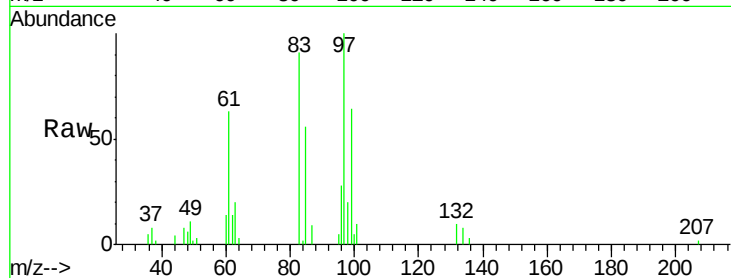




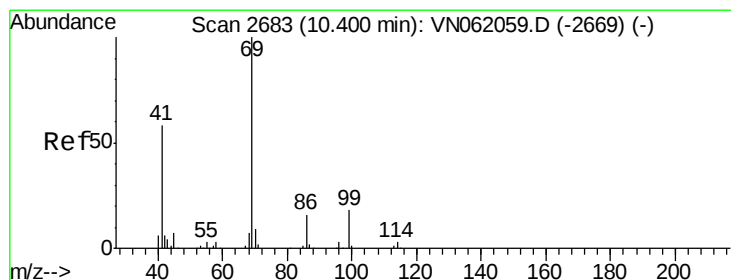
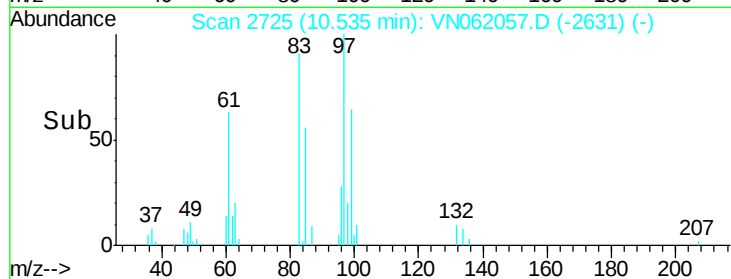
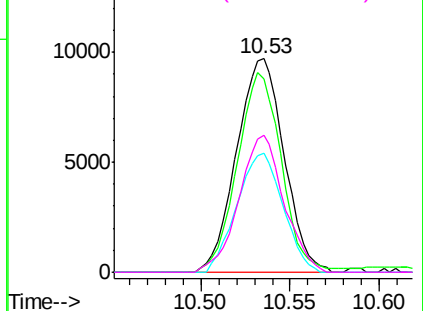
#55
 1,1,2-Trichloroethane
 Concen: 5.912 ug/l
 RT: 10.53 min Scan# 2725
 Delta R.T. 0.00 min
 Lab File: VN062057.D
 Acq: 24 Jun 2020 10:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion: 97 Resp: 17989
 Ion Ratio Lower Upper
 97 100
 83 90.7 68.2 102.2
 85 55.5 43.2 64.8
 99 64.0 48.5 72.7

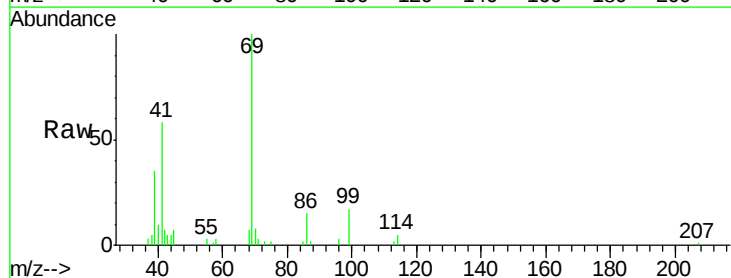


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

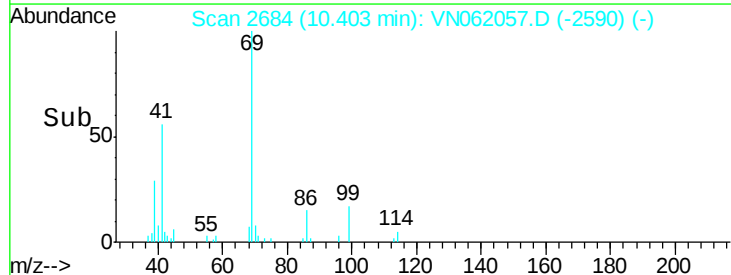
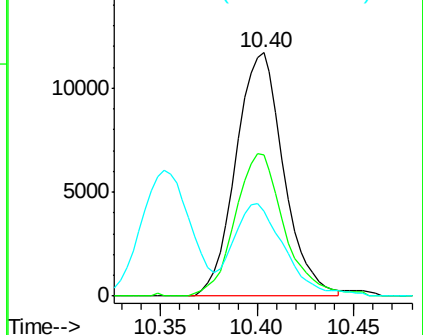


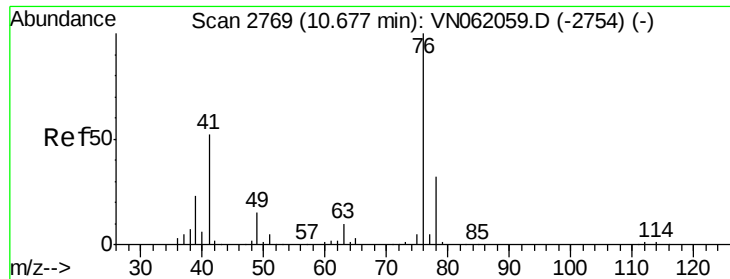
#56
 Ethyl methacrylate
 Concen: 4.950 ug/l
 RT: 10.40 min Scan# 2684
 Delta R.T. 0.00 min
 Lab File: VN062057.D
 Acq: 24 Jun 2020 10:06

Tgt Ion: 69 Resp: 20164
 Ion Ratio Lower Upper
 69 100
 41 60.3 46.6 70.0
 39 41.0 31.0 46.4



Abundance Ion 69.00 (68.70 to 69.70): VNO
 Ion 41.00 (40.70 to 41.70): VNO
 Ion 39.00 (38.70 to 39.70): VNO

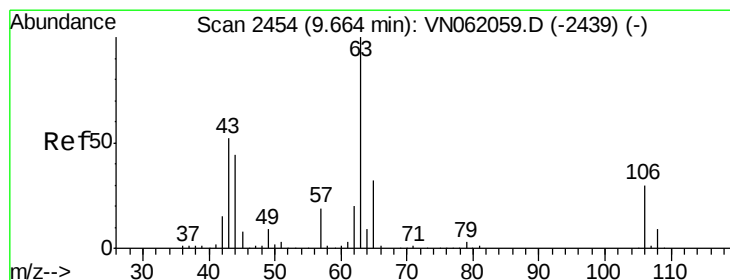
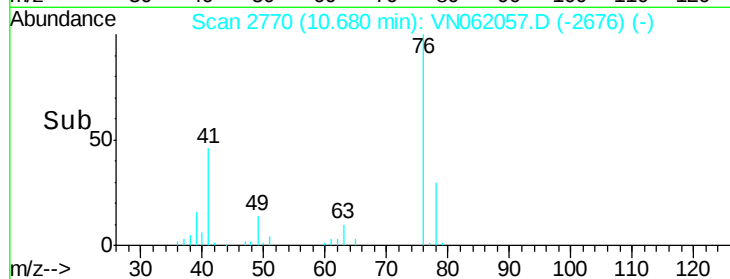
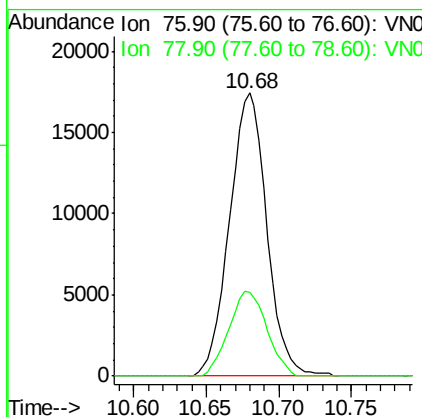
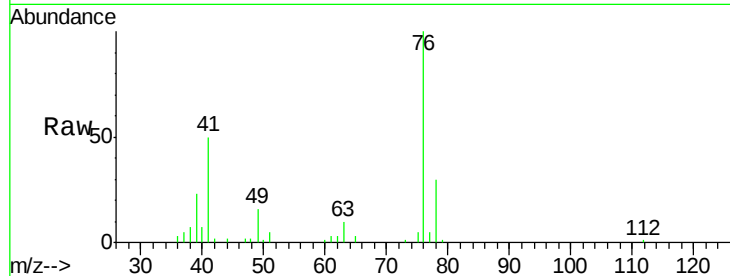




#57
 1,3-Dichloropropane
 Concen: 6.021 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: VN062057.D
 Acq: 24 Jun 2020 10:06

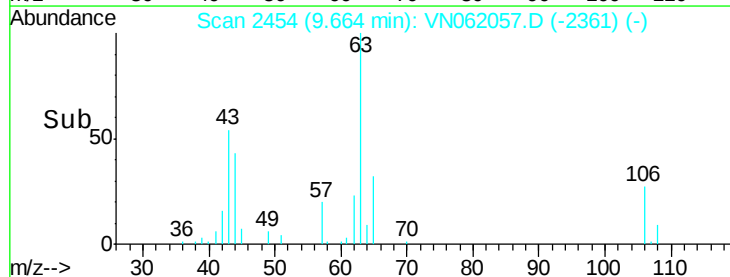
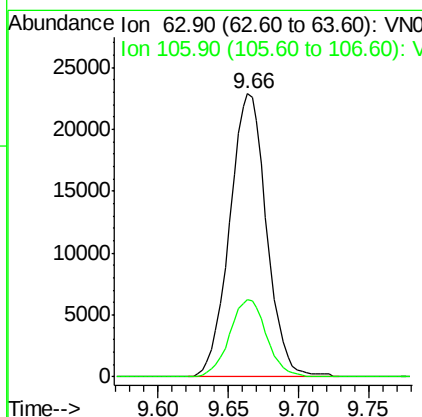
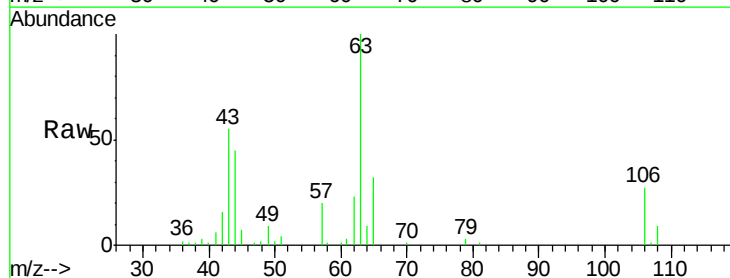
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

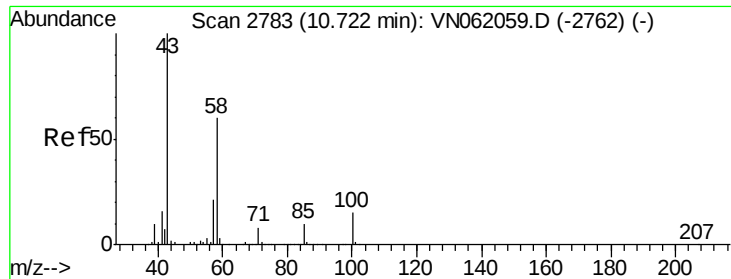
Tgt Ion: 76 Resp: 31053
 Ion Ratio Lower Upper
 76 100
 78 30.5 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 26.085 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. -0.00 min
 Lab File: VN062057.D
 Acq: 24 Jun 2020 10:06

Tgt Ion: 63 Resp: 41839
 Ion Ratio Lower Upper
 63 100
 106 27.3 23.2 34.8

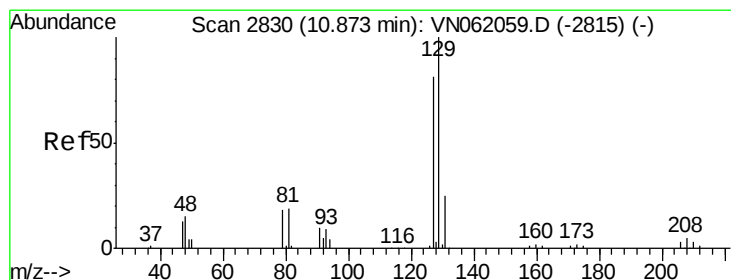
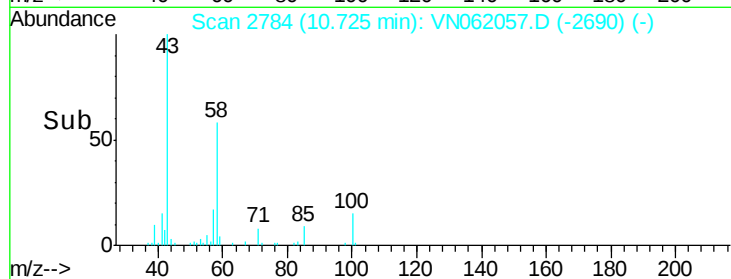
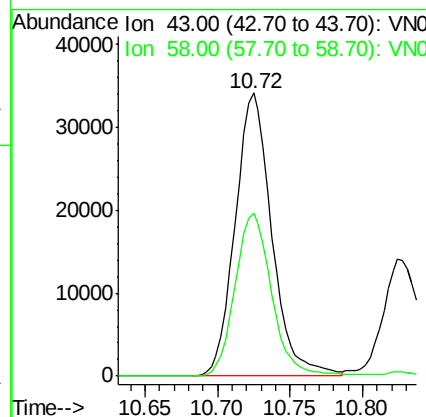
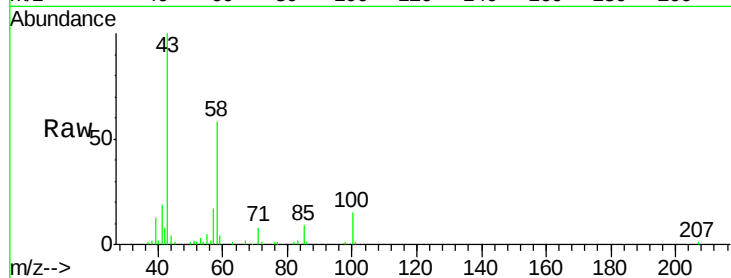




#59
2-Hexanone
Concen: 26.130 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062057.D
Acq: 24 Jun 2020 10:06

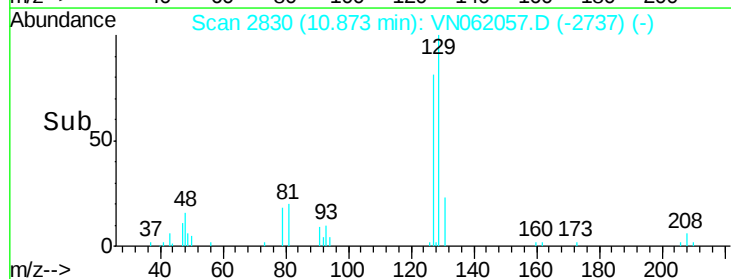
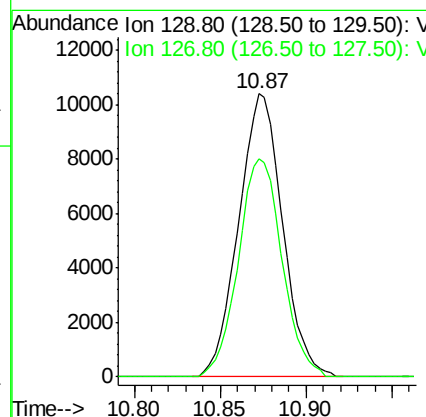
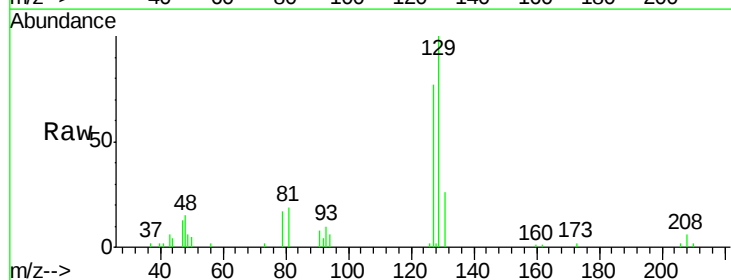
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

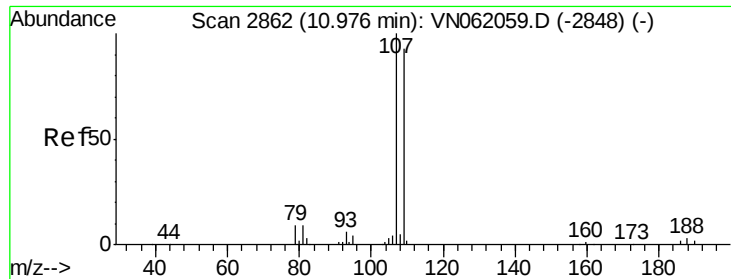
Tgt Ion: 43 Resp: 59990
Ion Ratio Lower Upper
43 100
58 57.3 29.5 88.5



#60
Dibromochloromethane
Concen: 5.475 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062057.D
Acq: 24 Jun 2020 10:06

Tgt Ion: 129 Resp: 18423
Ion Ratio Lower Upper
129 100
127 76.6 39.5 118.5





#61

1,2-Dibromoethane

Concen: 5.552 ug/l

RT: 10.98 min Scan# 2862

Delta R.T. -0.00 min

Lab File: VN062057.D

Acq: 24 Jun 2020 10:06

Instrument :

MSVOA_N

ClientSampleId :

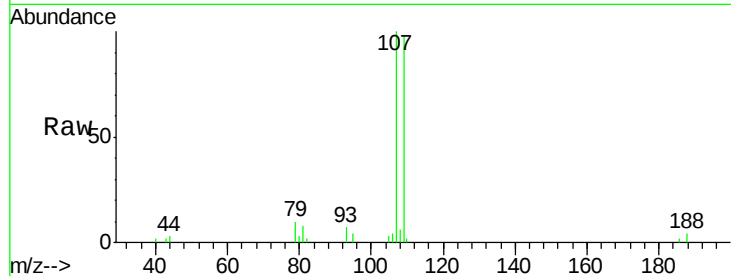
VSTDIC005

Tgt Ion: 107 Resp: 17572

Ion Ratio Lower Upper

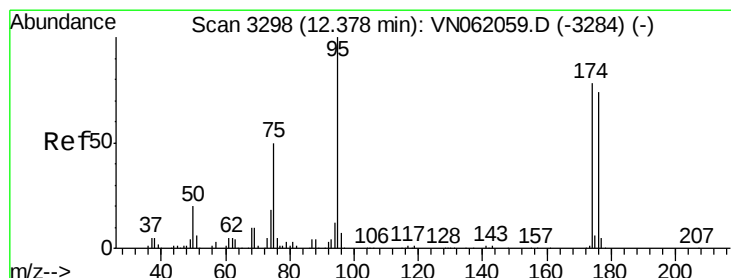
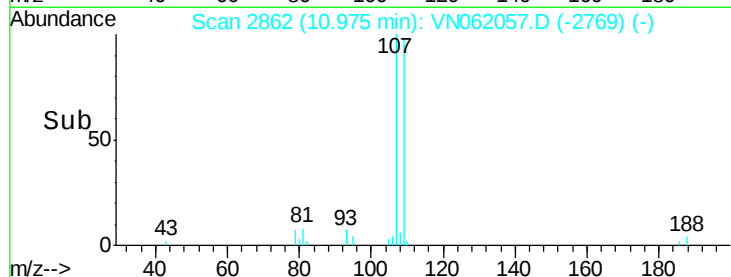
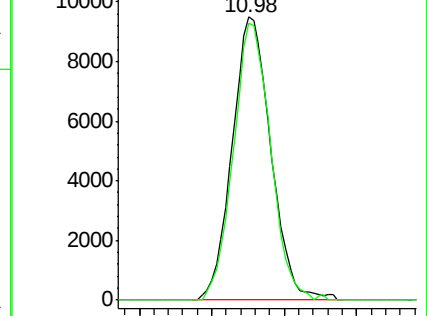
107 100

109 94.1 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 4.511 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062057.D

Acq: 24 Jun 2020 10:06

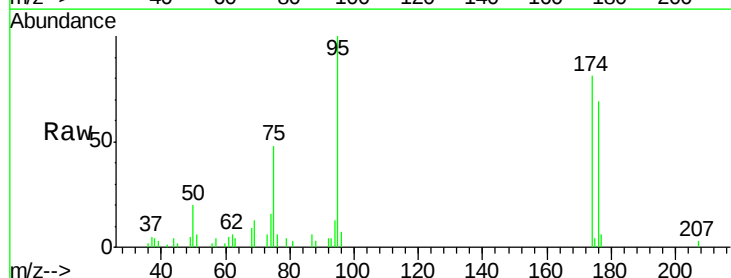
Tgt Ion: 95 Resp: 17142

Ion Ratio Lower Upper

95 100

174 84.3 0.0 154.8

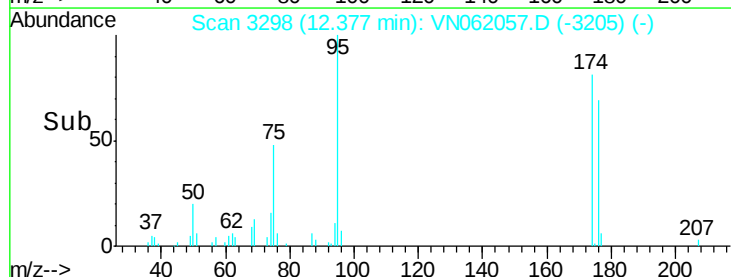
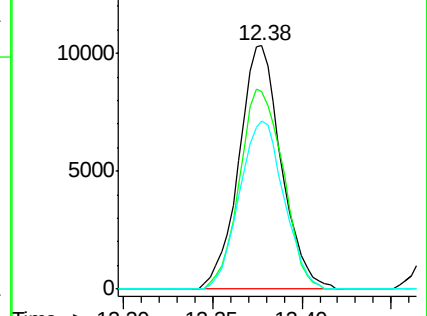
176 72.3 0.0 147.4

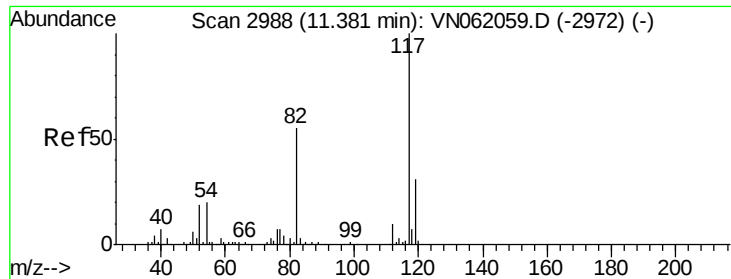


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

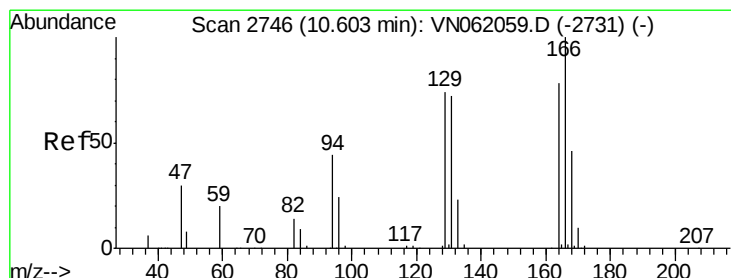
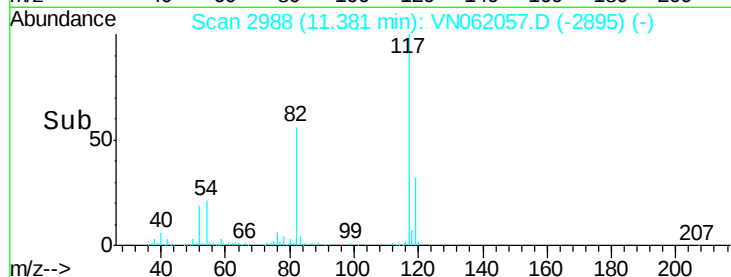
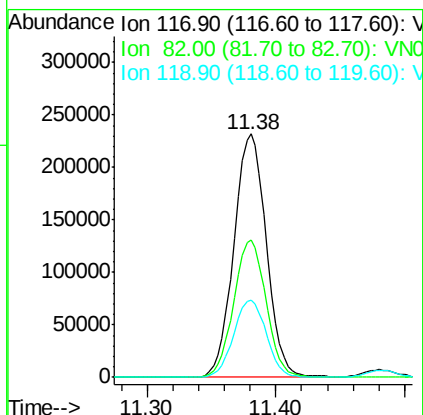
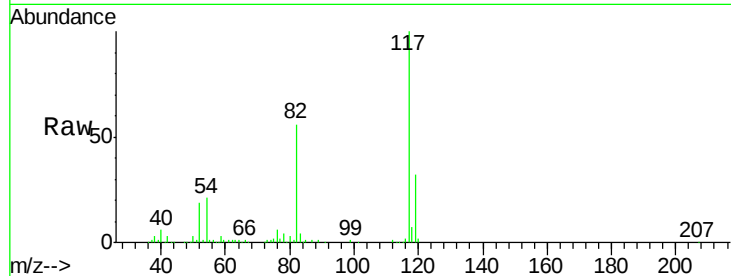




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062057.D
Acq: 24 Jun 2020 10:06

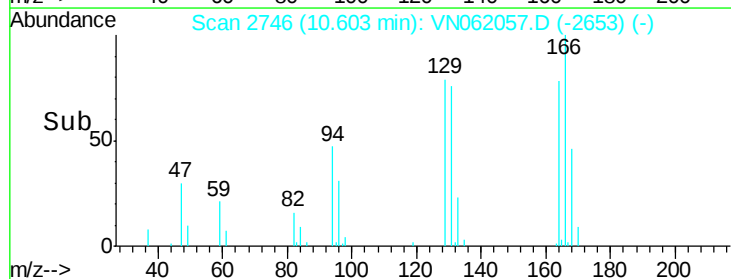
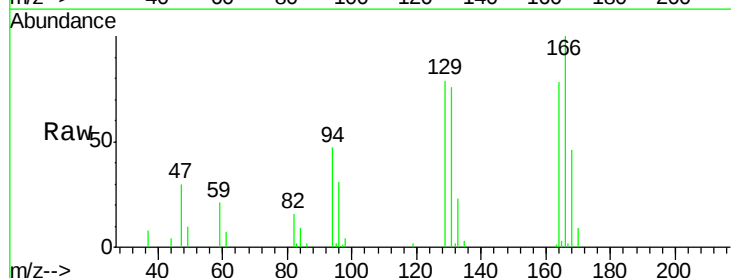
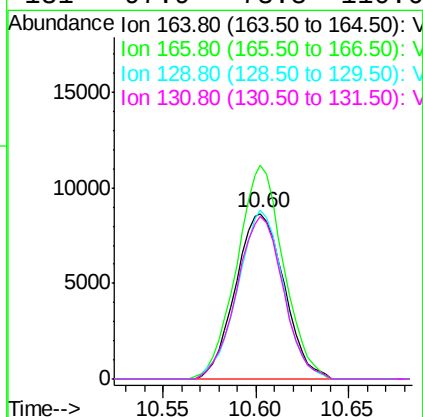
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

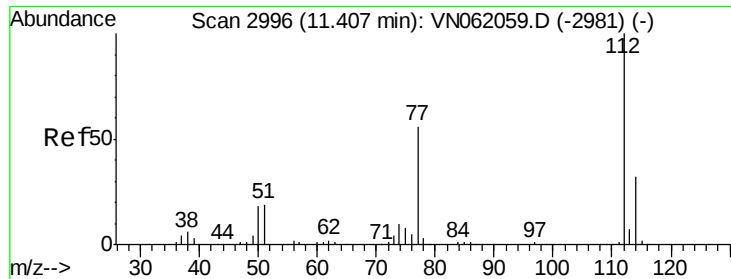
Tgt Ion:117 Resp: 405361
Ion Ratio Lower Upper
117 100
82 56.4 43.8 65.8
119 31.9 25.2 37.8



#64
Tetrachloroethene
Concen: 6.149 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062057.D
Acq: 24 Jun 2020 10:06

Tgt Ion:164 Resp: 15842
Ion Ratio Lower Upper
164 100
166 128.9 102.9 154.3
129 101.7 75.8 113.8
131 97.9 73.8 110.6

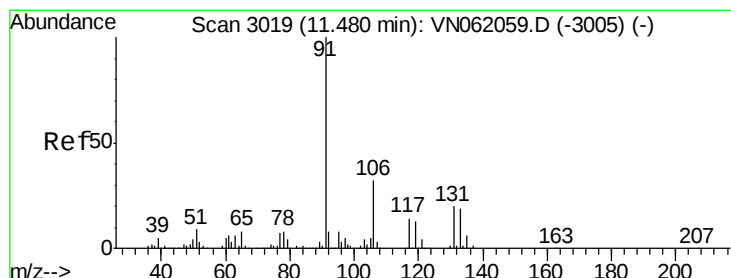
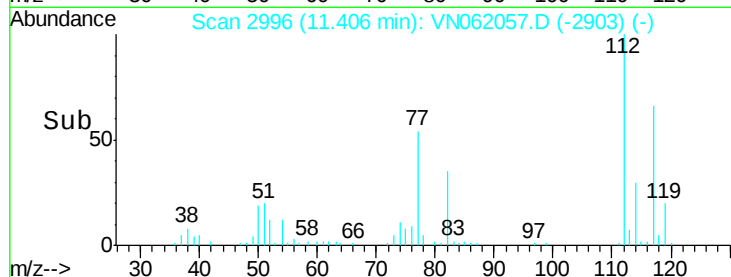
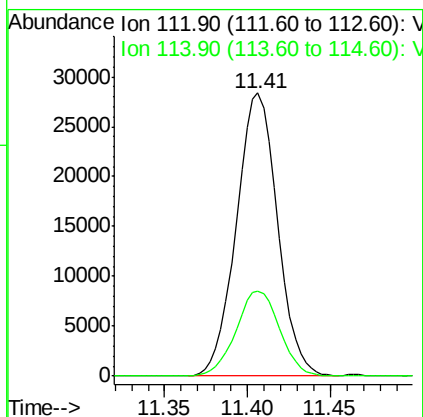
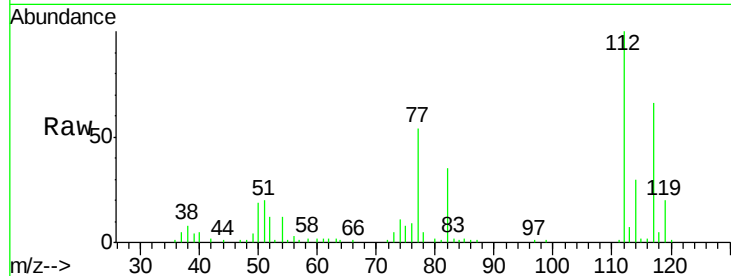




#65
Chlorobenzene
Concen: 5.726 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062057.D
Acq: 24 Jun 2020 10:06

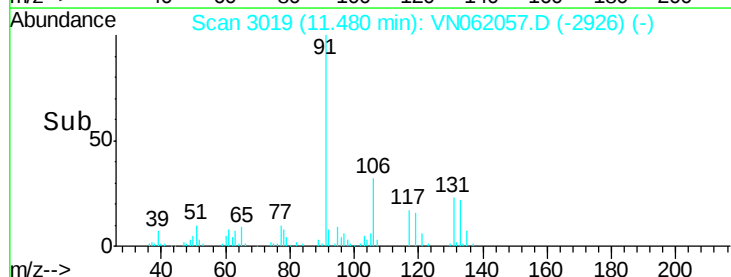
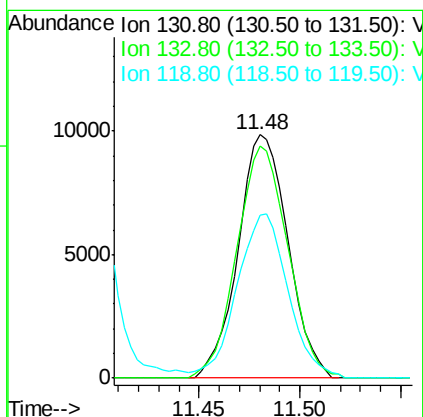
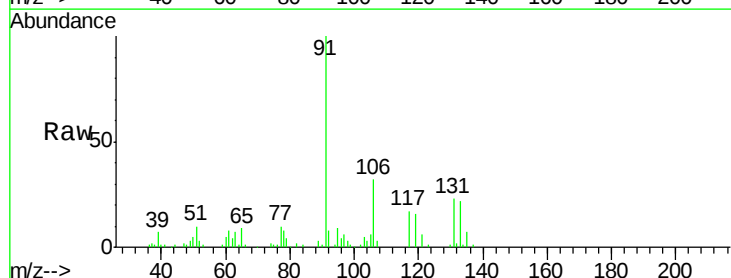
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 48978
Ion Ratio Lower Upper
112 100
114 30.2 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 5.730 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062057.D
Acq: 24 Jun 2020 10:06

Tgt Ion:131 Resp: 17029
Ion Ratio Lower Upper
131 100
133 97.8 47.6 142.9
119 69.2 34.4 103.3

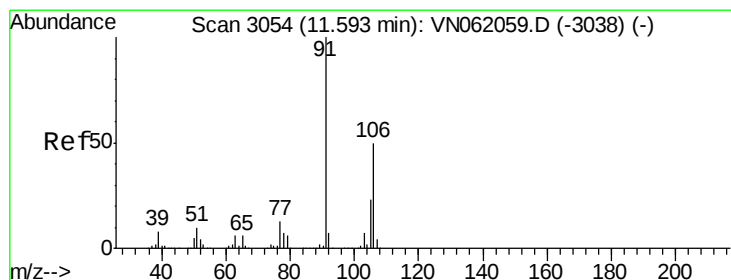
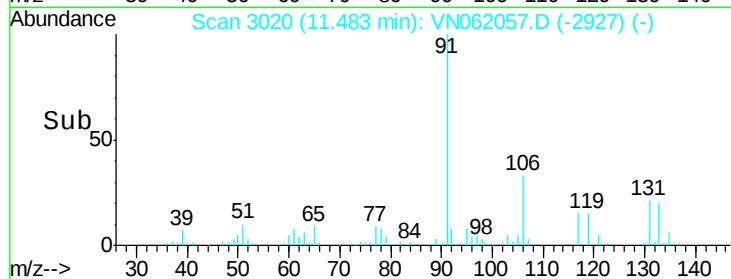
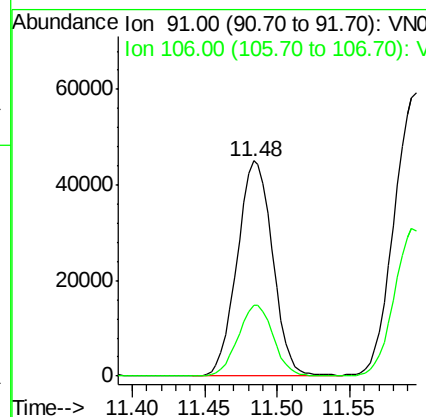
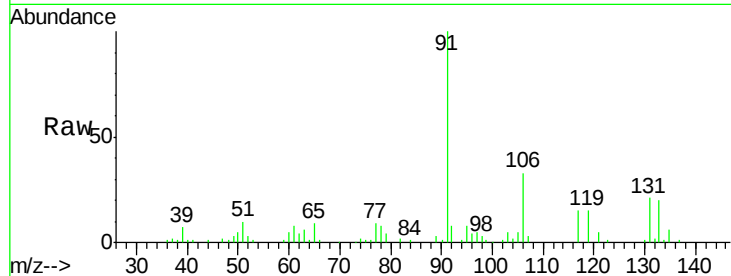




#67
Ethyl Benzene
Concen: 5.332 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062057.D
Acq: 24 Jun 2020 10:06

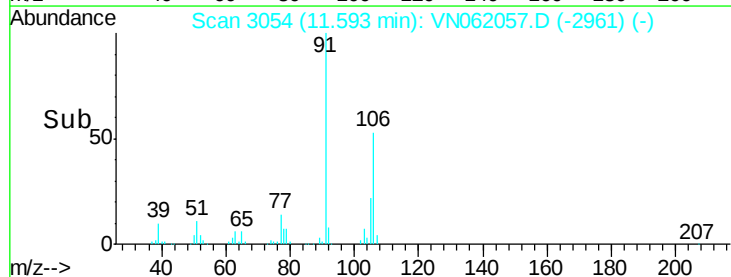
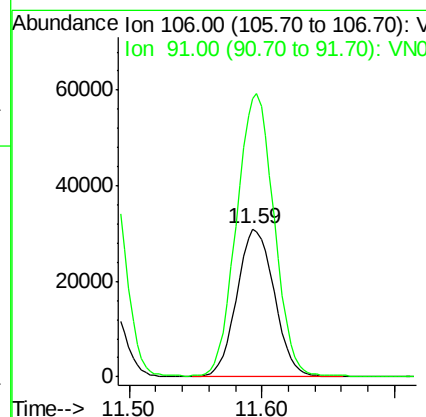
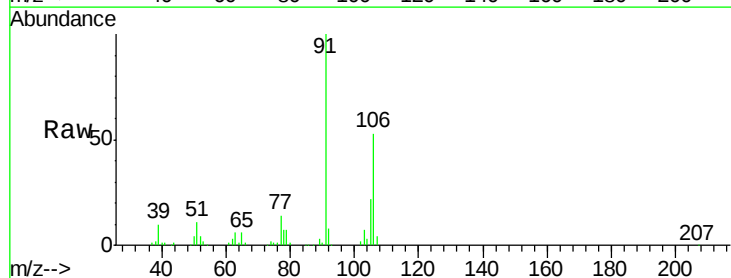
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

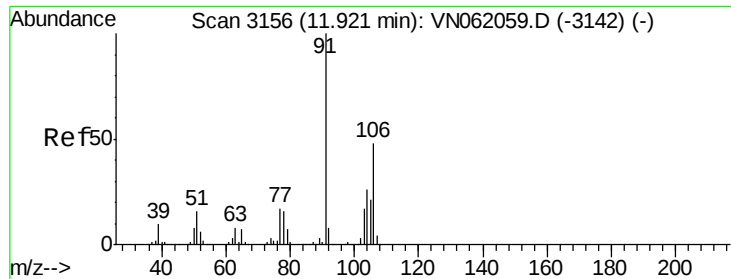
Tgt Ion: 91 Resp: 76629
Ion Ratio Lower Upper
91 100
106 33.2 25.3 37.9



#68
m/p-Xylenes
Concen: 10.951 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062057.D
Acq: 24 Jun 2020 10:06

Tgt Ion: 106 Resp: 60701
Ion Ratio Lower Upper
106 100
91 191.2 157.8 236.8

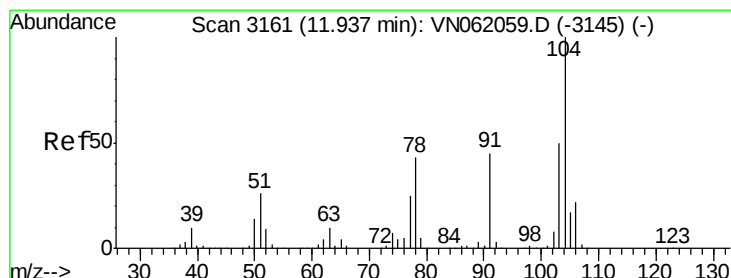
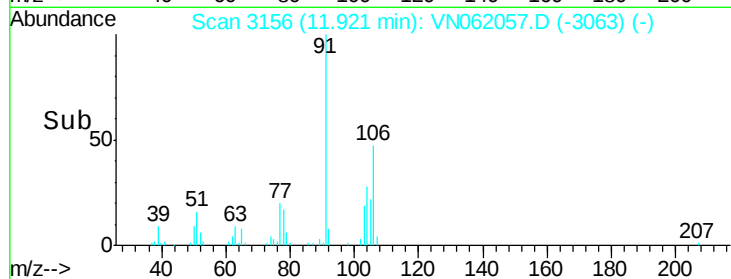
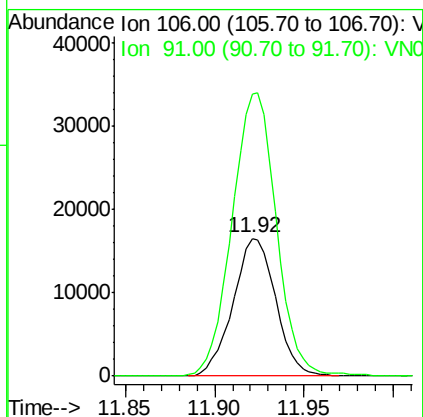
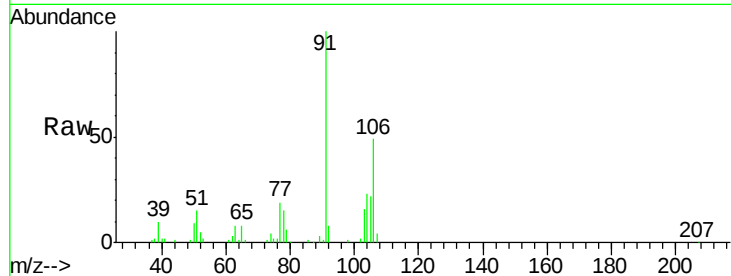




#69
o-Xylene
Concen: 5.211 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062057.D
Acq: 24 Jun 2020 10:06

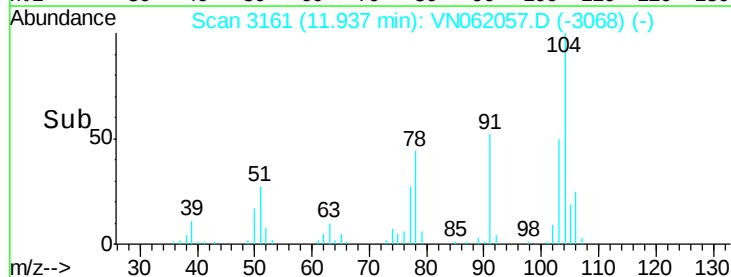
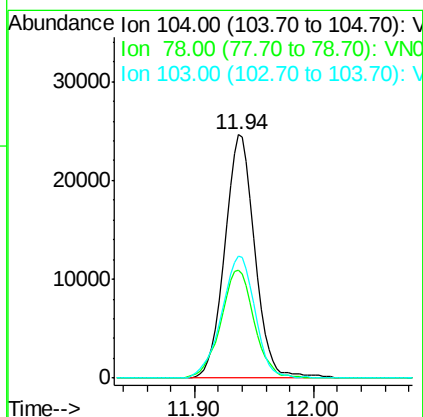
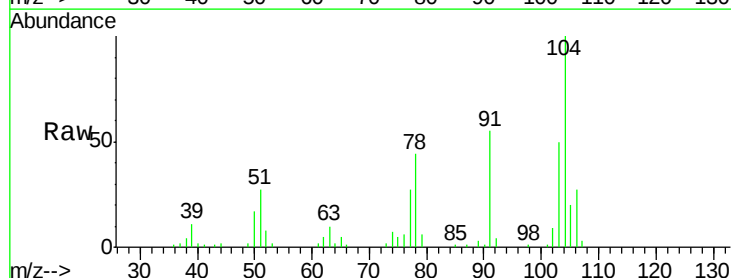
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Tgt Ion:106 Resp: 27488
Ion Ratio Lower Upper
106 100
91 213.5 104.0 311.9



#70
Styrene
Concen: 4.891 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062057.D
Acq: 24 Jun 2020 10:06

Tgt Ion:104 Resp: 43201
Ion Ratio Lower Upper
104 100
78 49.2 37.7 56.5
103 55.3 43.0 64.6





#71

Bromoform

Concen: 5.260 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062057.D

Acq: 24 Jun 2020 10:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

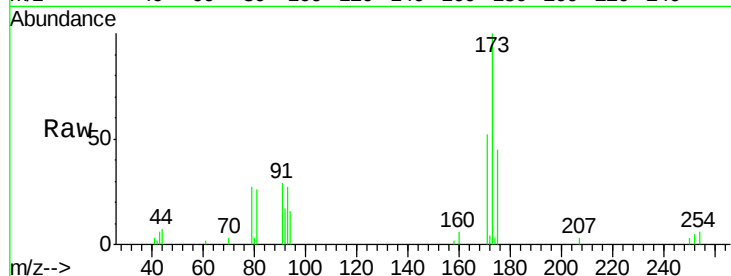
Tgt Ion:173 Resp: 11368

Ion Ratio Lower Upper

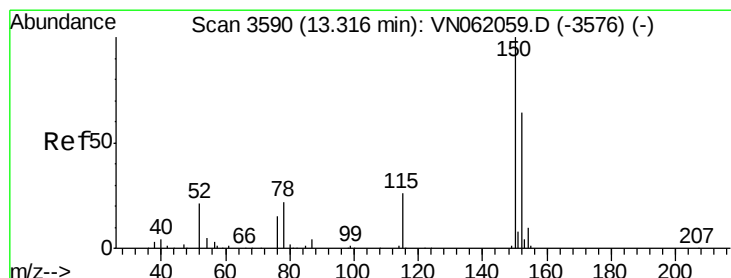
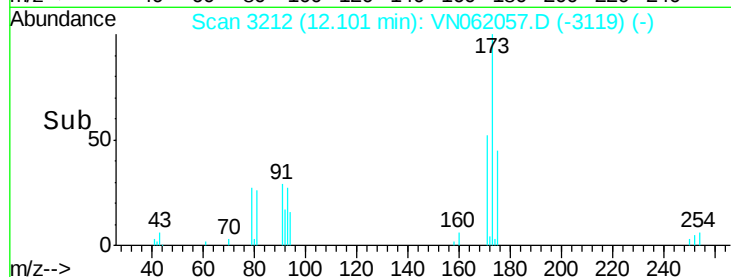
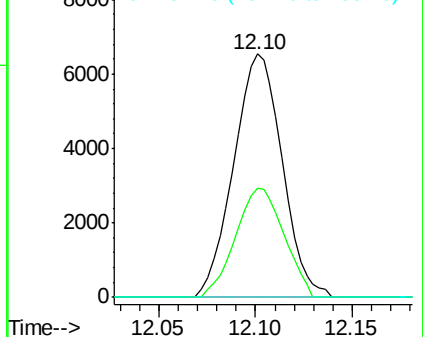
173 100

175 44.7 24.7 74.1

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# 3591

Delta R.T. 0.00 min

Lab File: VN062057.D

Acq: 24 Jun 2020 10:06

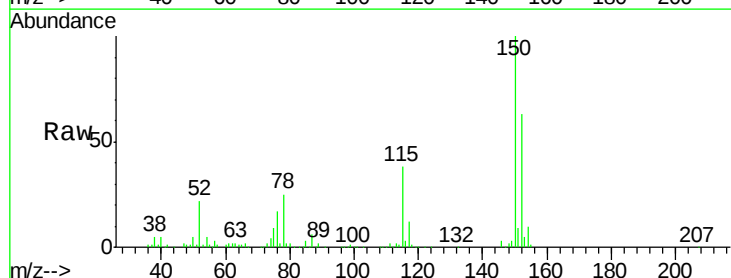
Tgt Ion:152 Resp: 169376

Ion Ratio Lower Upper

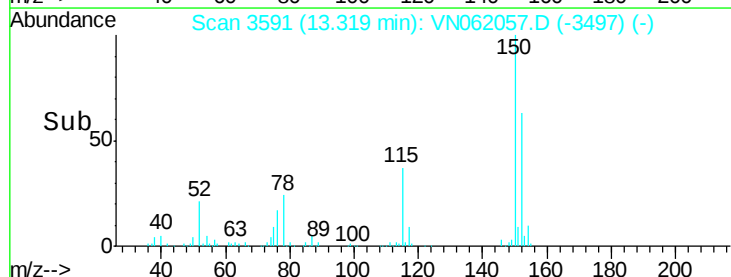
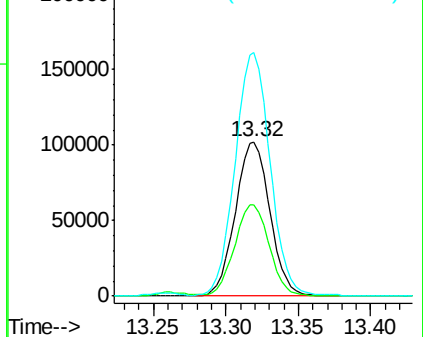
152 100

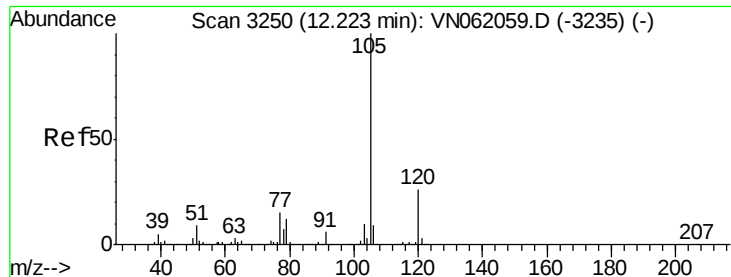
115 59.0 29.5 88.5

150 158.2 0.0 351.4



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: 5.911 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062057.D

Acq: 24 Jun 2020 10:06

Instrument :

MSVOA_N

ClientSampleId :

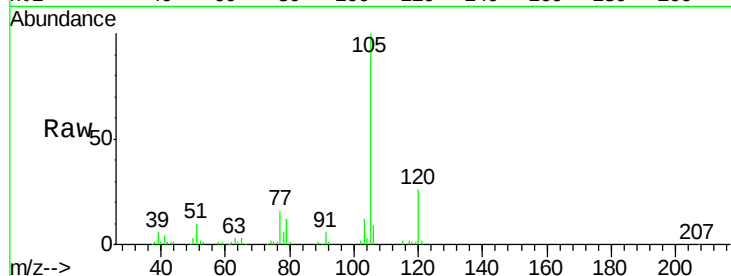
VSTDIC005

Tgt Ion:105 Resp: 71501

Ion Ratio Lower Upper

105 100

120 25.9 13.2 39.6

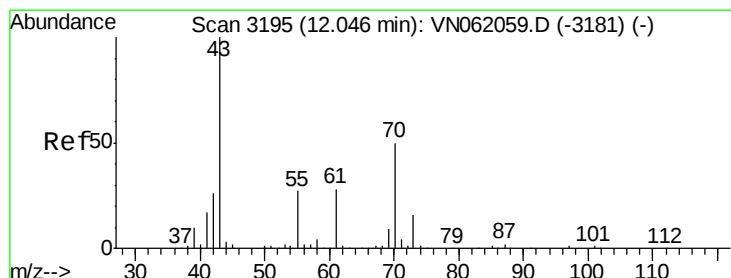
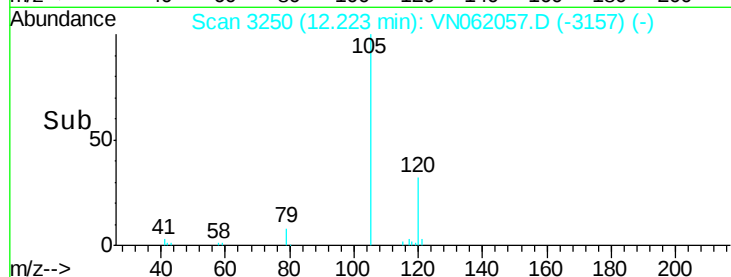


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

Time--> 12.15 12.20 12.25 12.30



#74

N-ethyl acetate

Concen: 4.987 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN062057.D

Acq: 24 Jun 2020 10:06

Tgt Ion: 43 Resp: 19552

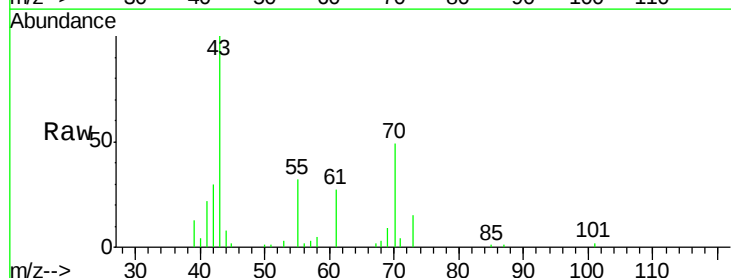
Ion Ratio Lower Upper

43 100

70 51.7 39.4 59.2

55 30.3 21.7 32.5

61 25.1 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): V

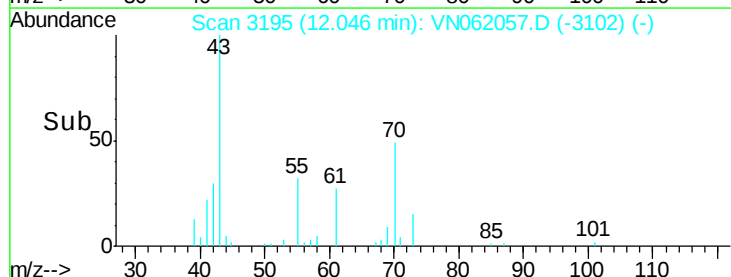
Ion 70.00 (69.70 to 70.70): V

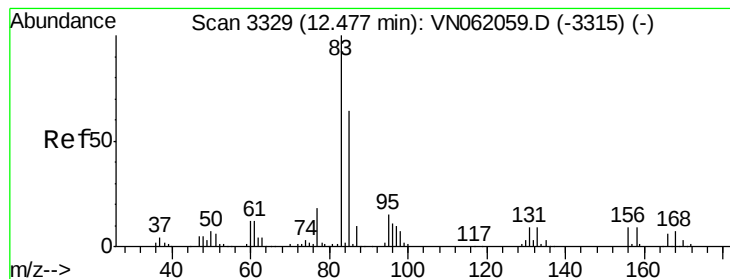
Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

12.05

Time--> 12.00 12.05 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 6.396 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062057.D

Acq: 24 Jun 2020 10:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

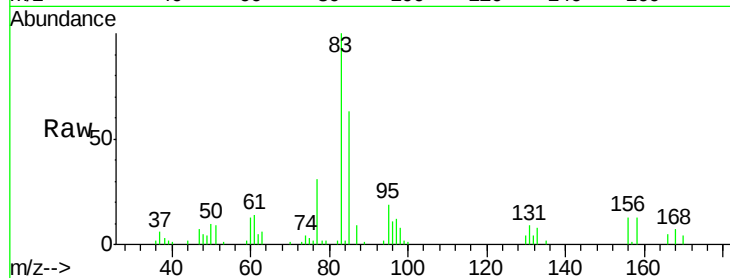
Tgt Ion: 83 Resp: 25343

Ion Ratio Lower Upper

83 100

131 9.2 4.8 14.4

85 65.9 32.4 97.0

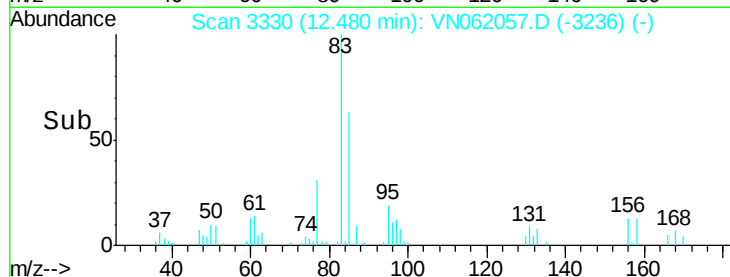


Abundance Ion 82.90 (82.60 to 83.60): VN062057.D (-3330) (-)

Ion 130.80 (130.50 to 131.50): VN062057.D (-3330) (-)

Ion 84.90 (84.60 to 85.60): VN062057.D (-3330) (-)

Time--> 12.40 12.45 12.50

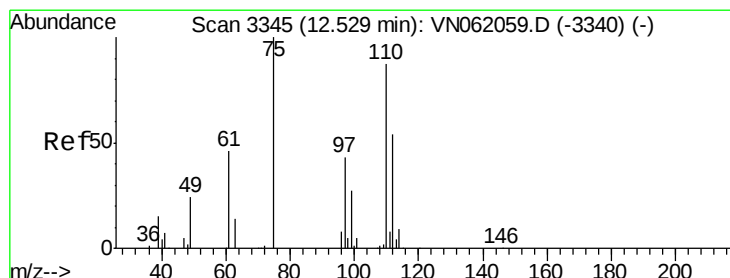


Abundance Ion 82.90 (82.60 to 83.60): VN062057.D (-3330) (-)

Ion 130.80 (130.50 to 131.50): VN062057.D (-3330) (-)

Ion 84.90 (84.60 to 85.60): VN062057.D (-3330) (-)

Time--> 12.40 12.45 12.50



#76

1,2,3-Trichloropropane

Concen: 9.122 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062057.D

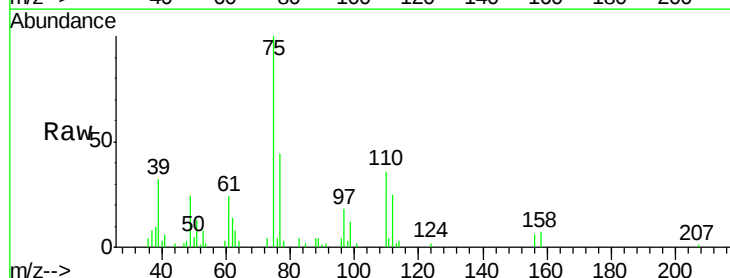
Acq: 24 Jun 2020 10:06

Tgt Ion: 75 Resp: 30763

Ion Ratio Lower Upper

75 100

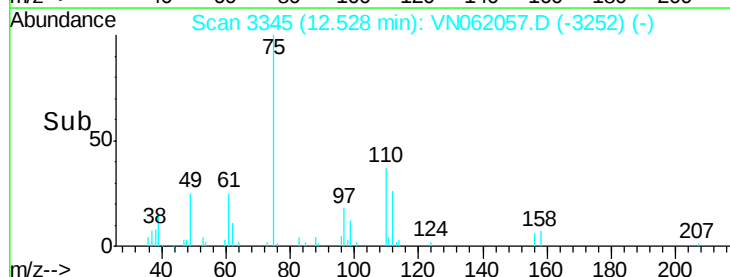
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062057.D (-3345) (-)

Ion 77.00 (76.70 to 77.70): VN062057.D (-3345) (-)

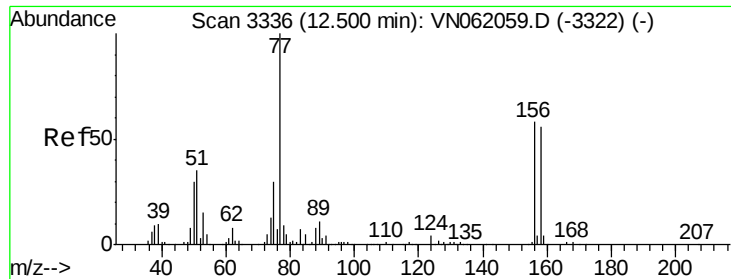
Time--> 12.50 12.60



Abundance Ion 74.90 (74.60 to 75.60): VN062057.D (-3345) (-)

Ion 77.00 (76.70 to 77.70): VN062057.D (-3345) (-)

Time--> 12.50 12.60



#77

Bromobenzene

Concen: 6.047 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062057.D

Acq: 24 Jun 2020 10:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

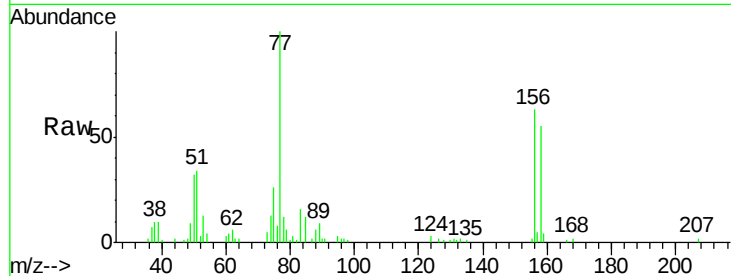
Tgt Ion:156 Resp: 18402

Ion Ratio Lower Upper

156 100

77 210.6 104.6 313.8

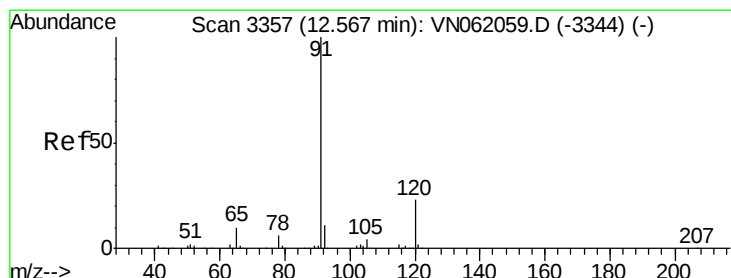
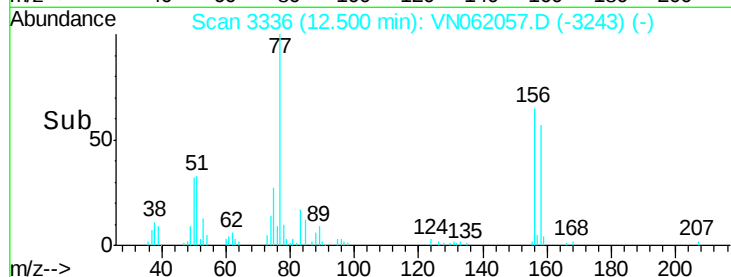
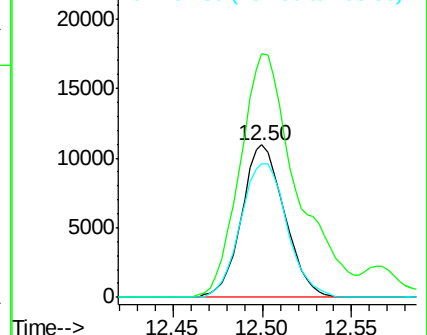
158 94.9 48.0 144.0



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: 5.702 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062057.D

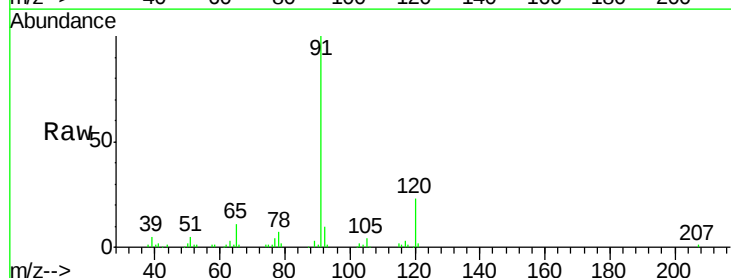
Acq: 24 Jun 2020 10:06

Tgt Ion: 91 Resp: 79036

Ion Ratio Lower Upper

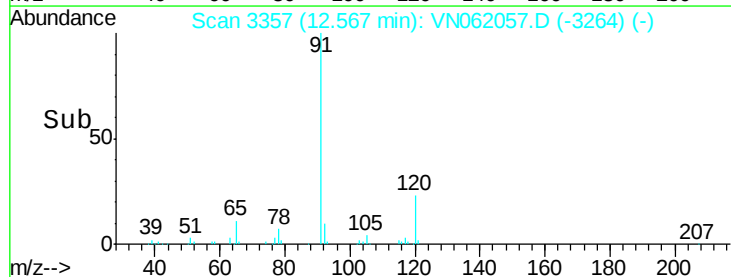
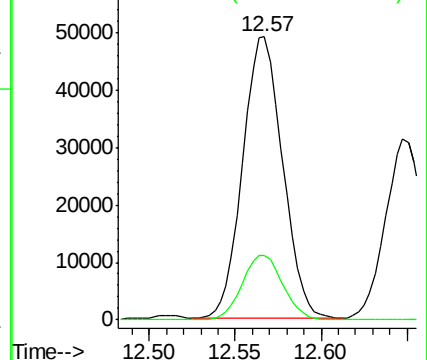
91 100

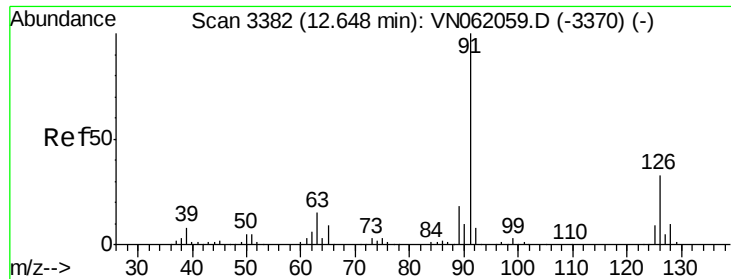
120 23.4 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

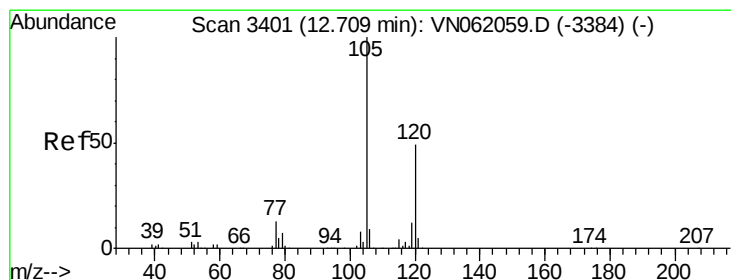
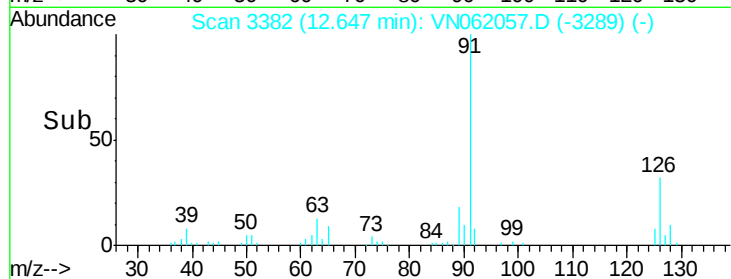
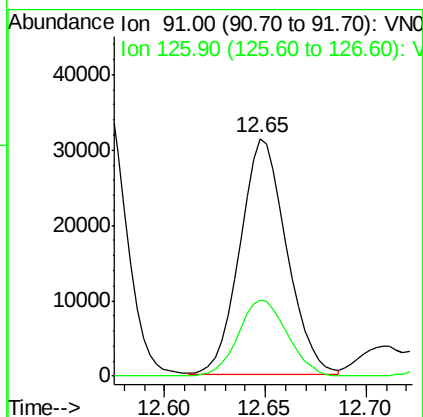
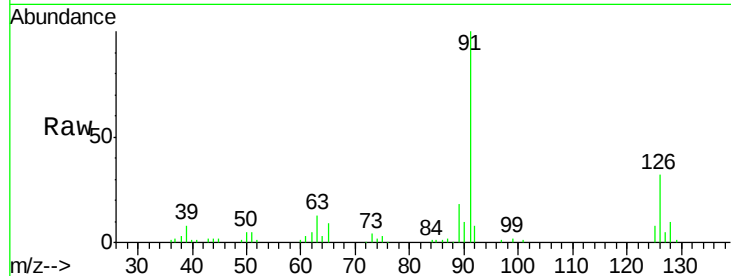




#79
 2-Chlorotoluene
 Concen: 6.098 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN062057.D
 Acq: 24 Jun 2020 10:06

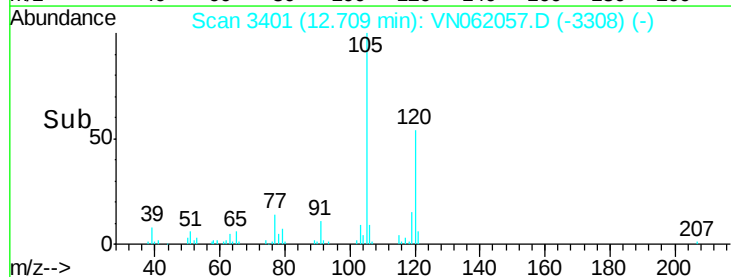
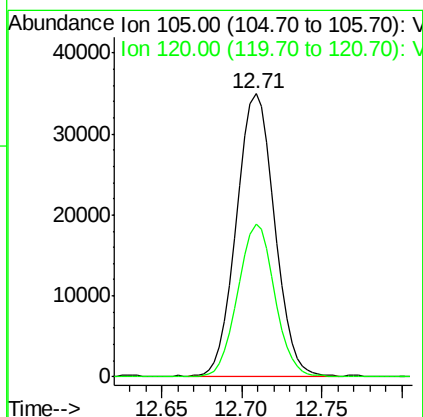
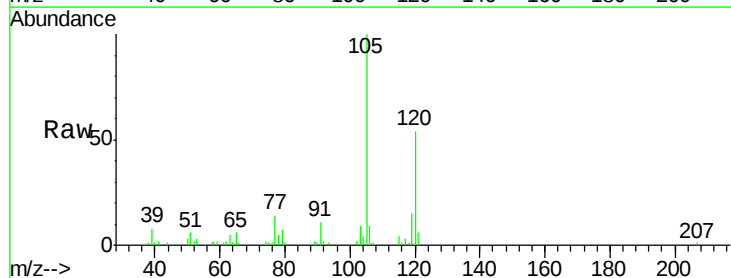
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

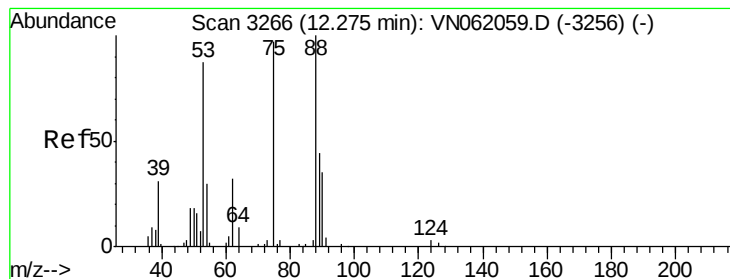
Tgt Ion: 91 Resp: 50723
 Ion Ratio Lower Upper
 91 100
 126 33.8 16.9 50.7



#80
 1,3,5-Trimethylbenzene
 Concen: 5.692 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062057.D
 Acq: 24 Jun 2020 10:06

Tgt Ion: 105 Resp: 56860
 Ion Ratio Lower Upper
 105 100
 120 52.1 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 5.287 ug/l

RT: 12.28 min Scan# 3267

Delta R.T. 0.00 min

Lab File: VN062057.D

Acq: 24 Jun 2020 10:06

Instrument :

MSVOA_N

ClientSampled :

VSTDIC005

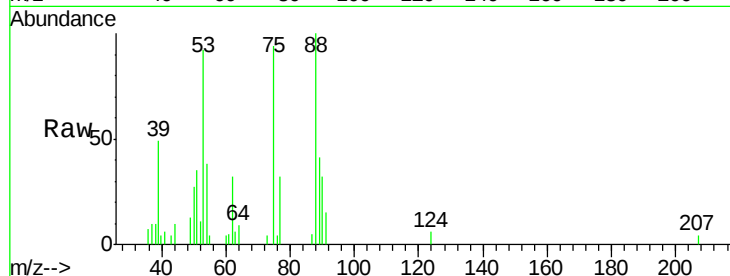
Tgt Ion: 75 Resp: 6577

Ion Ratio Lower Upper

75 100

53 101.2 72.0 108.0

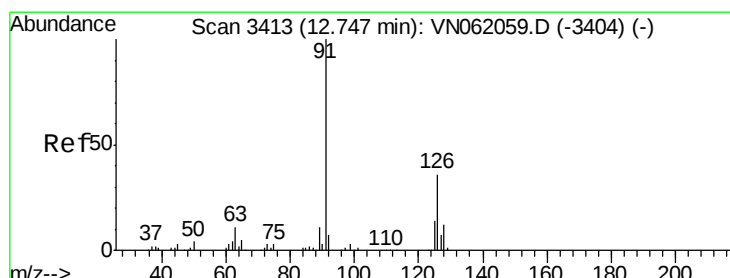
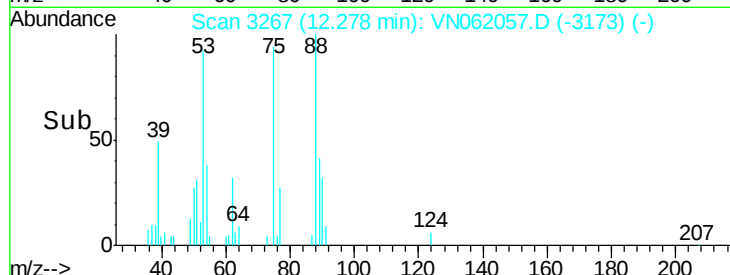
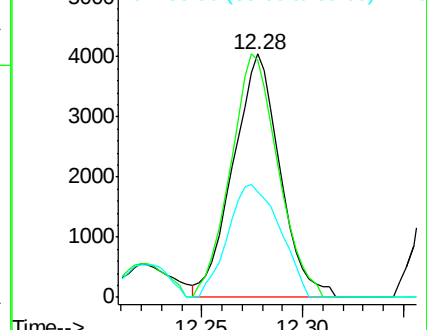
89 51.4 36.9 55.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 6.041 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062057.D

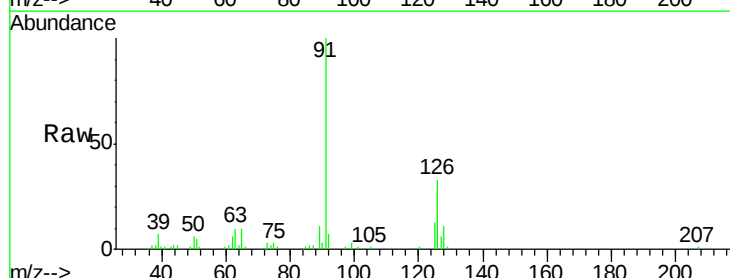
Acq: 24 Jun 2020 10:06

Tgt Ion: 91 Resp: 51866

Ion Ratio Lower Upper

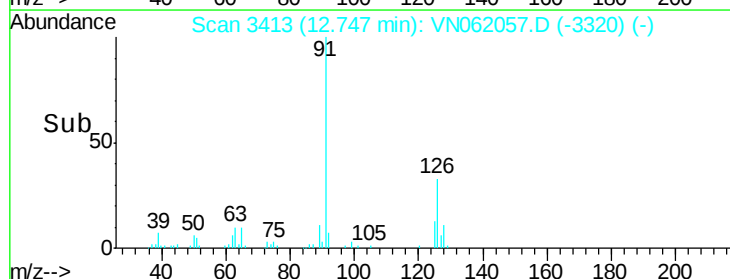
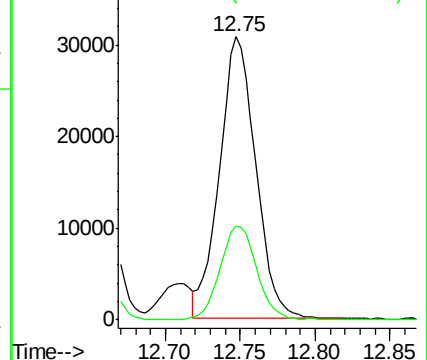
91 100

126 33.6 16.7 50.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

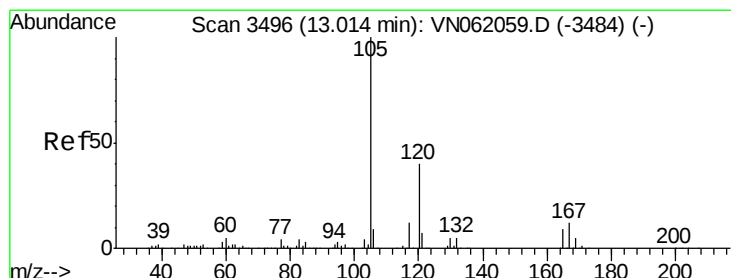
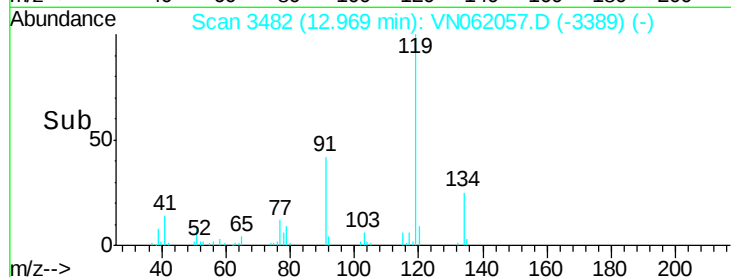
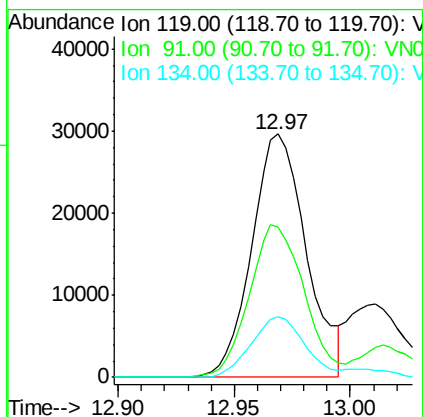
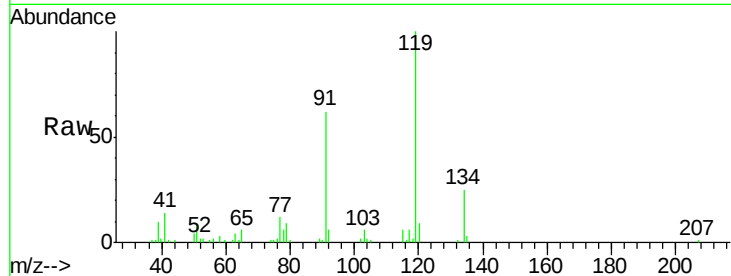




#83
 tert-Butylbenzene
 Concen: 5.735 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062057.D
 Acq: 24 Jun 2020 10:06

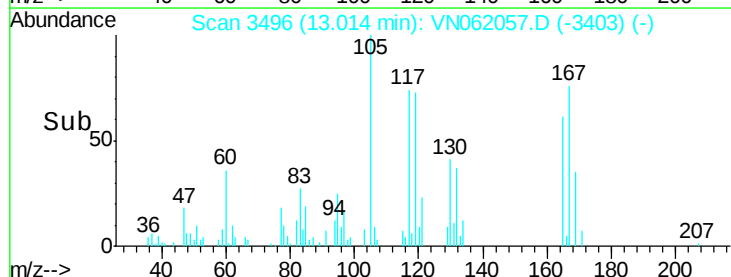
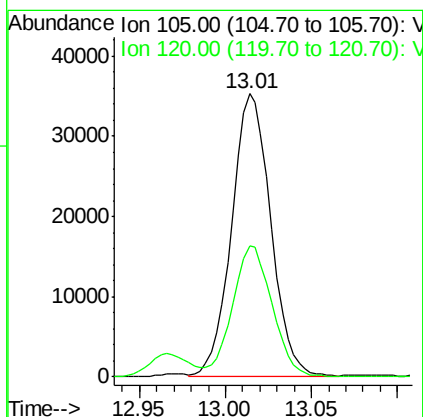
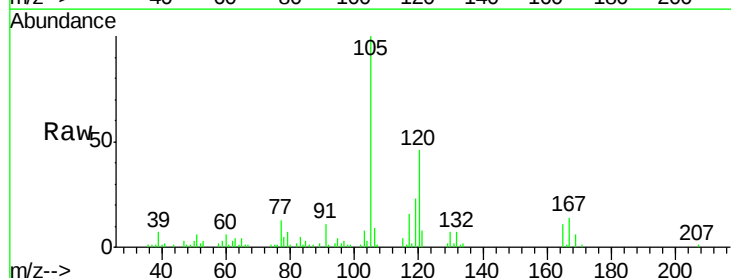
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

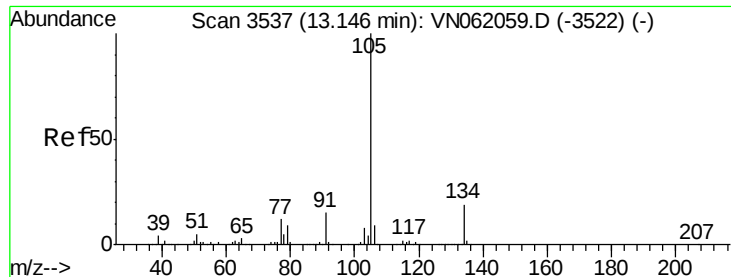
Tgt Ion:119 Resp: 48569
 Ion Ratio Lower Upper
 119 100
 91 63.4 31.7 95.1
 134 24.4 13.1 39.1



#84
 1,2,4-Trimethylbenzene
 Concen: 5.708 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062057.D
 Acq: 24 Jun 2020 10:06

Tgt Ion:105 Resp: 56209
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.2 69.5

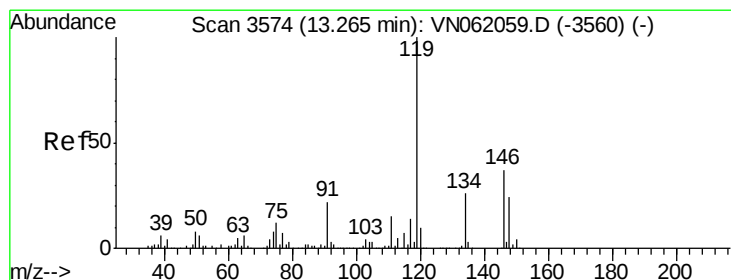
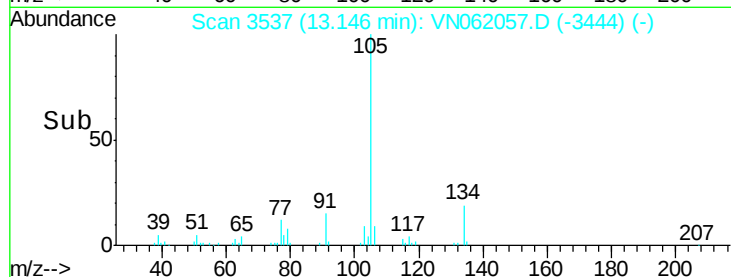
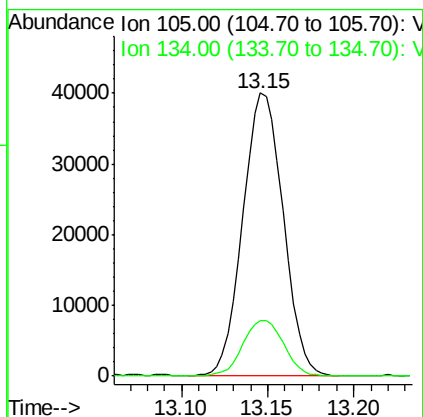
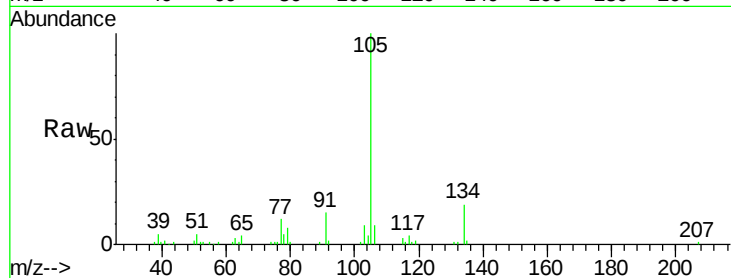




#85
 sec-Butylbenzene
 Concen: 5.905 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN062057.D
 Acq: 24 Jun 2020 10:06

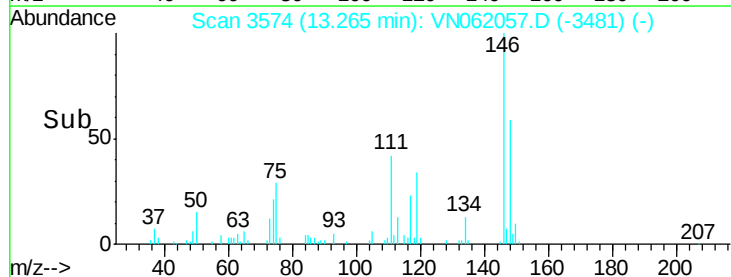
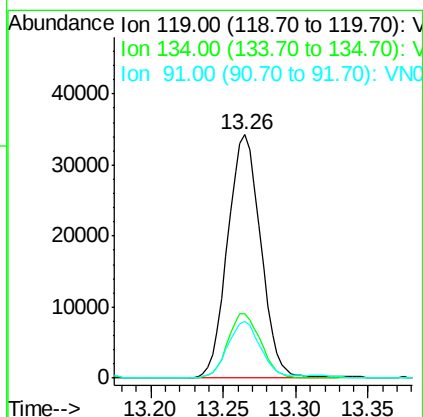
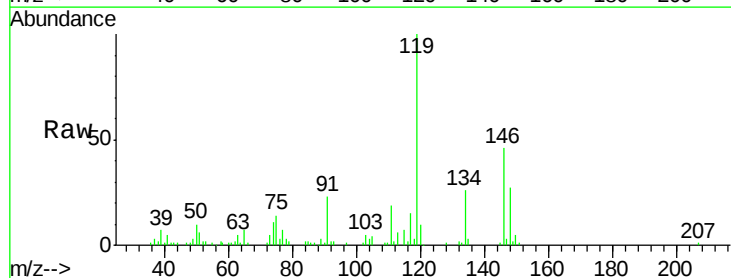
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

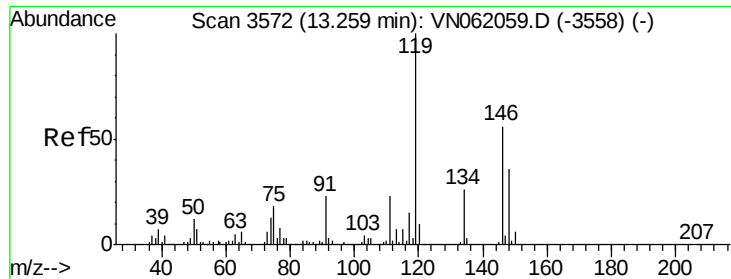
Tgt Ion:105 Resp: 65638
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 5.525 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062057.D
 Acq: 24 Jun 2020 10:06

Tgt Ion:119 Resp: 54521
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.0 39.0
 91 23.6 11.3 33.8

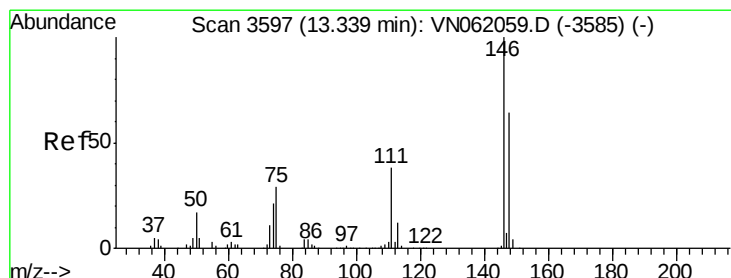
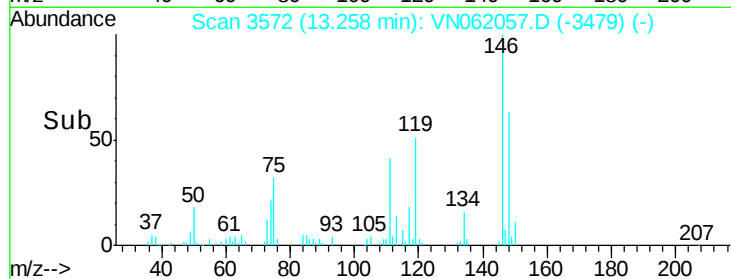
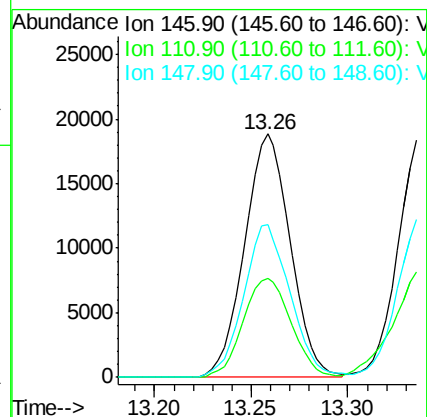
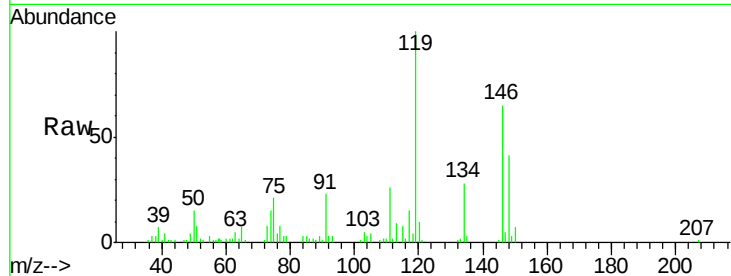




#87
 1,3-Dichlorobenzene
 Concen: 5.605 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062057.D
 Acq: 24 Jun 2020 10:06

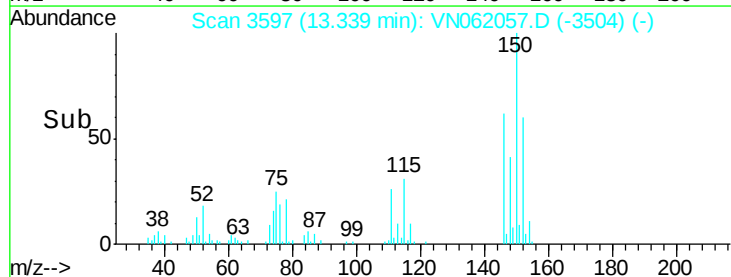
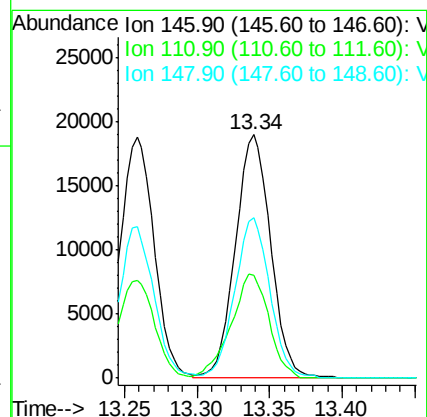
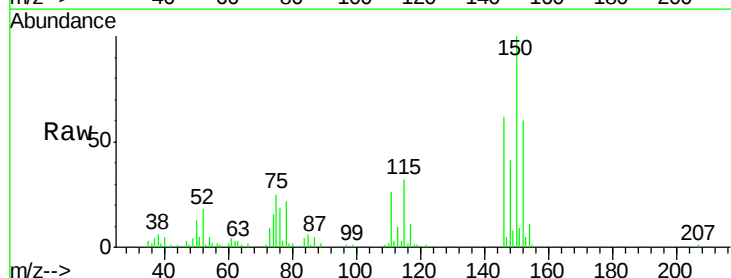
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

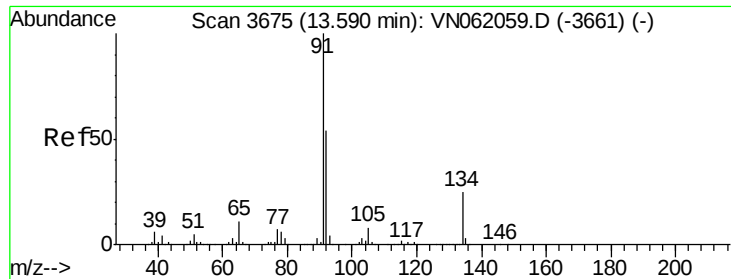
Tgt Ion:146 Resp: 30944
 Ion Ratio Lower Upper
 146 100
 111 42.6 20.3 61.0
 148 63.9 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 5.701 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062057.D
 Acq: 24 Jun 2020 10:06

Tgt Ion:146 Resp: 32211
 Ion Ratio Lower Upper
 146 100
 111 45.9 19.9 59.6
 148 65.7 31.9 95.9

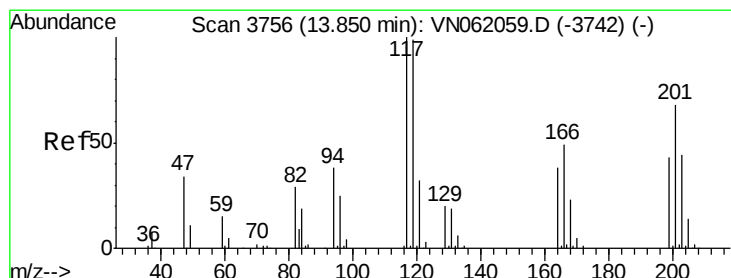
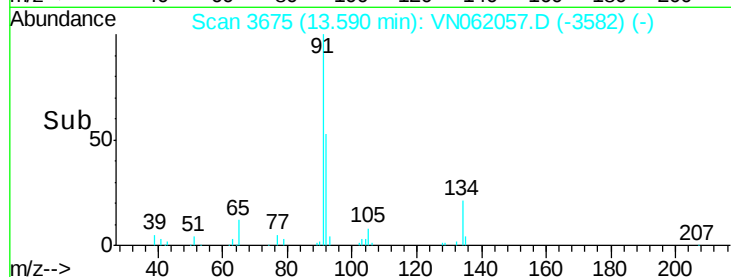
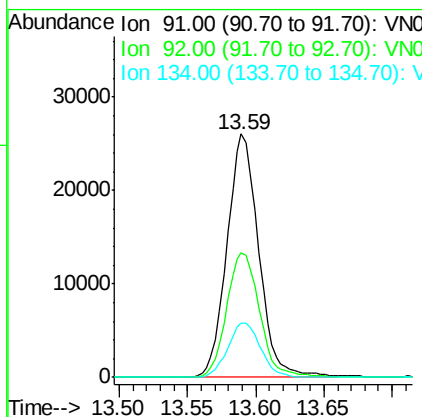
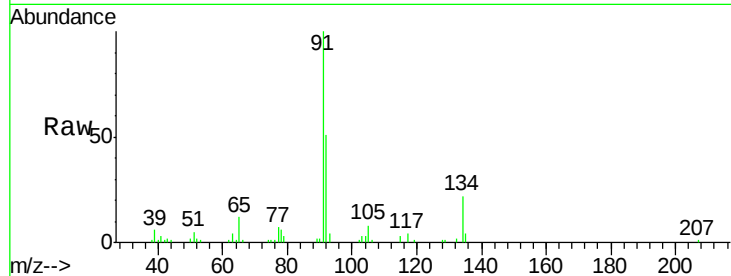




#89
n-Butylbenzene
Concen: 5.097 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062057.D
Acq: 24 Jun 2020 10:06

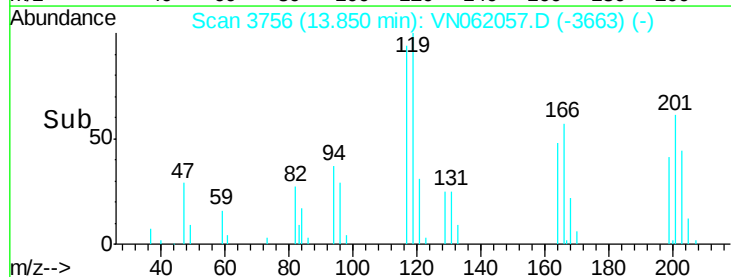
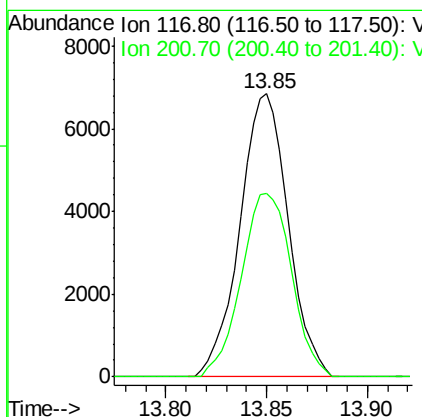
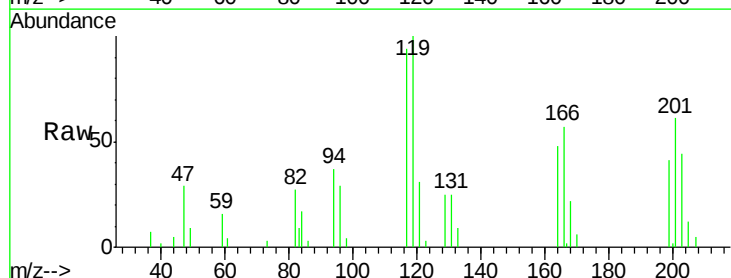
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 42178
Ion Ratio Lower Upper
91 100
92 53.0 26.6 79.7
134 22.9 12.3 36.9



#90
Hexachloroethane
Concen: 6.302 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062057.D
Acq: 24 Jun 2020 10:06

Tgt Ion: 117 Resp: 11467
Ion Ratio Lower Upper
117 100
201 67.6 32.7 98.1





#91

1,2-Dichlorobenzene

Concen: 5.836 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. -0.00 min

Lab File: VN062057.D

Acq: 24 Jun 2020 10:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

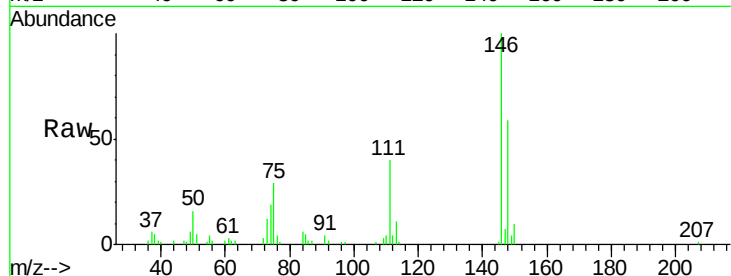
Tgt Ion:146 Resp: 30964

Ion Ratio Lower Upper

146 100

111 42.1 21.2 63.6

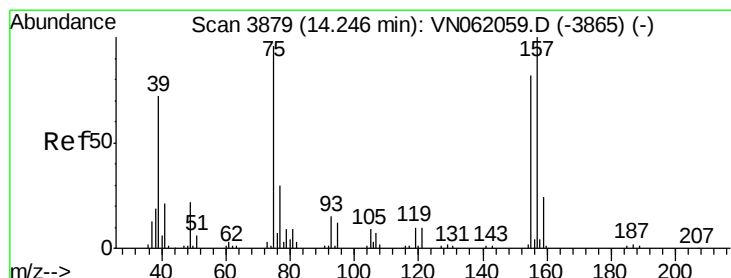
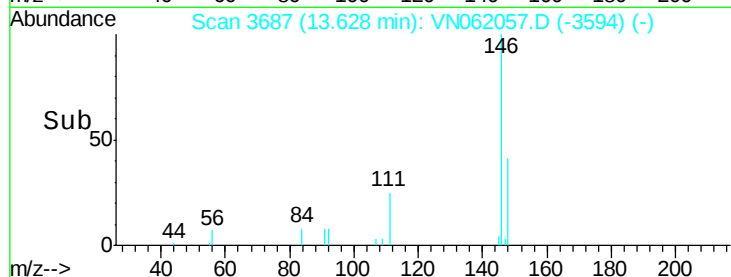
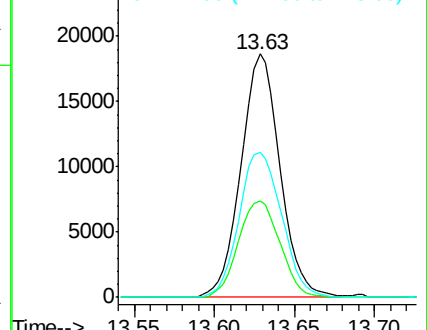
148 64.8 31.9 95.5



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: 5.761 ug/l

RT: 14.25 min Scan# 3879

Delta R.T. -0.00 min

Lab File: VN062057.D

Acq: 24 Jun 2020 10:06

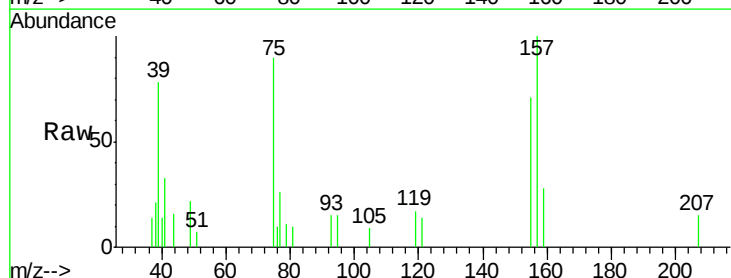
Tgt Ion: 75 Resp: 3704

Ion Ratio Lower Upper

75 100

155 79.6 40.8 122.4

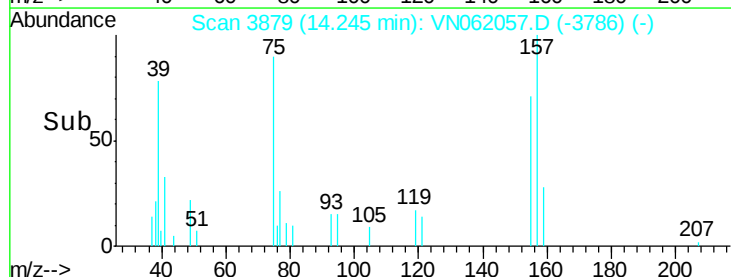
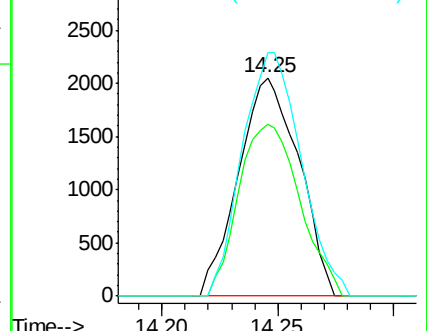
157 108.8 51.4 154.3

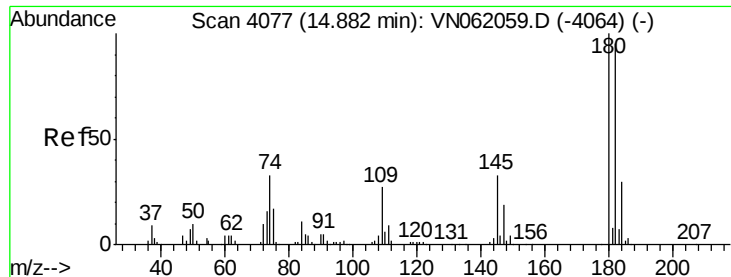


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

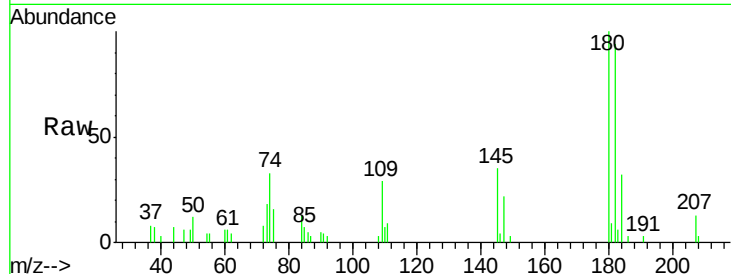




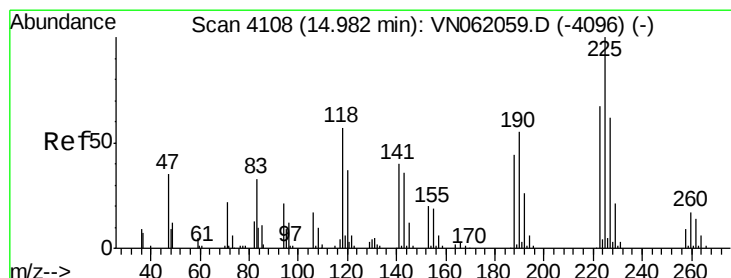
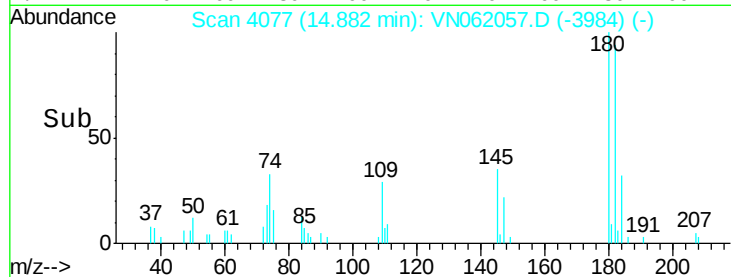
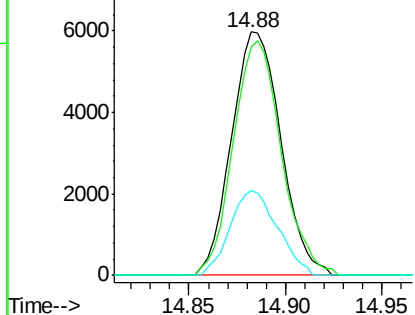
#93
 1,2,4-Trichlorobenzene
 Concen: 4.271 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062057.D
 Acq: 24 Jun 2020 10:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:180 Resp: 10615
 Ion Ratio Lower Upper
 180 100
 182 93.7 48.0 144.2
 145 33.3 16.0 48.0

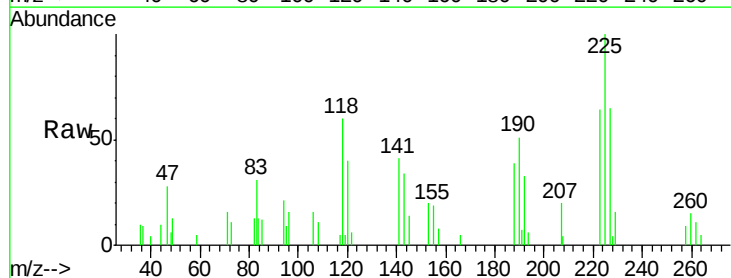


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

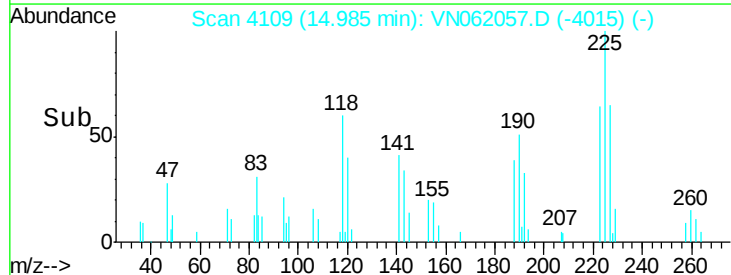
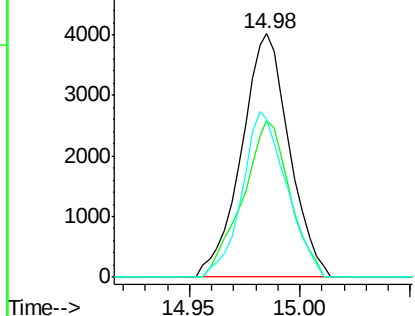


#94
 Hexachlorobutadiene
 Concen: 6.133 ug/l
 RT: 14.98 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062057.D
 Acq: 24 Jun 2020 10:06

Tgt Ion:225 Resp: 6044
 Ion Ratio Lower Upper
 225 100
 223 63.0 32.9 98.7
 227 63.3 31.3 93.8



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

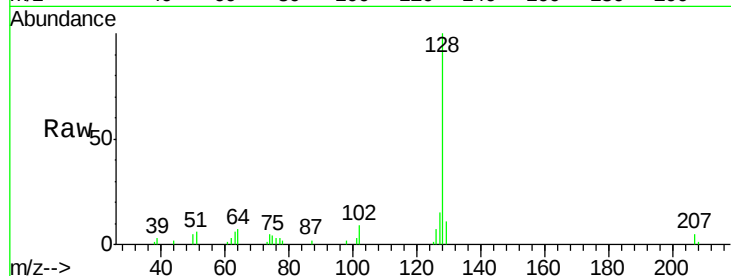




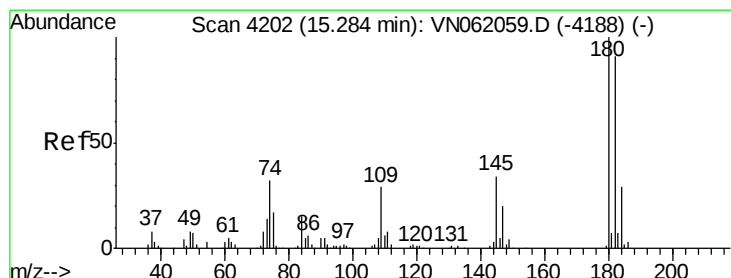
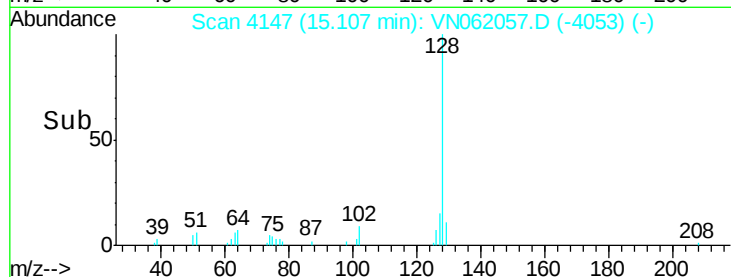
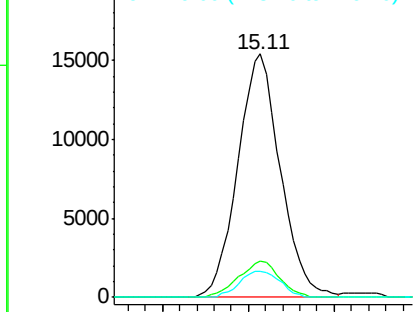
#95
Naphthalene
Concen: 3.690 ug/l
RT: 15.11 min Scan# 4147
Delta R.T. 0.00 min
Lab File: VN062057.D
Acq: 24 Jun 2020 10:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 26486
Ion Ratio Lower Upper
128 100
127 14.3 10.5 15.7
129 10.2 8.6 13.0

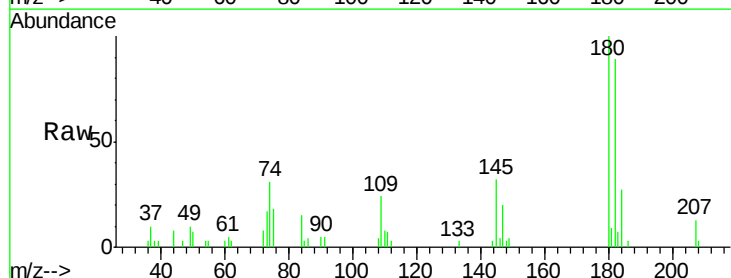


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 4.515 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062057.D
Acq: 24 Jun 2020 10:06

Tgt Ion:180 Resp: 11170
Ion Ratio Lower Upper
180 100
182 91.5 46.8 140.4
145 33.5 16.4 49.2



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

