

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121020\
 Data File : VN065045.D
 Acq On : 10 Dec 2020 15:13
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Quant Time: Dec 10 15:41:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 10 14:05:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	185495	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	300677	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	266416	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	120217	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	12498	5.79	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	11.58%#
35) Dibromofluoromethane	7.55	113	10870	5.95	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	11.90%#
50) Toluene-d8	10.06	98	38339	5.19	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	10.38%#
62) 4-Bromofluorobenzene	12.38	95	12481	4.74	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	9.48%#

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	9323	6.013	ug/l 100
3) Chloromethane	2.04	50	11683	5.759	ug/l 97
4) Vinyl Chloride	2.17	62	12242	5.757	ug/l 97
5) Bromomethane	2.53	94	8334	5.972	ug/l 88
6) Chloroethane	2.67	64	7842	5.894	ug/l 95
7) Trichlorofluoromethane	2.99	101	16965	5.698	ug/l 87
8) Diethyl Ether	3.37	74	6169	5.238	ug/l 77
9) 1,1,2-Trichlorotrifluoroet	3.71	101	10529	5.877	ug/l 99
10) Methyl Iodide	3.91	142	10815	4.738	ug/l 99
11) Tert butyl alcohol	4.75	59	7236	22.426	ug/l # 86
12) 1,1-Dichloroethene	3.69	96	9833	5.570	ug/l 94
13) Acrolein	3.56	56	6308	30.528	ug/l 95
14) Allyl chloride	4.27	41	14679	5.034	ug/l 94
15) Acrylonitrile	4.94	53	22561	24.690	ug/l 97
16) Acetone	3.78	43	23505	32.455	ug/l 99
17) Carbon Disulfide	4.01	76	28508	5.664	ug/l 99
18) Methyl Acetate	4.28	43	10482	4.949	ug/l # 73
19) Methyl tert-butyl Ether	4.99	73	28661	5.027	ug/l 96
20) Methylene Chloride	4.50	84	12536	5.678	ug/l 94
21) trans-1,2-Dichloroethene	4.99	96	10311	5.250	ug/l 93
22) Diisopropyl ether	5.90	45	30254	5.137	ug/l # 85
23) Vinyl Acetate	5.84	43	111131	23.757	ug/l 100
24) 1,1-Dichloroethane	5.80	63	19097	5.427	ug/l 99
25) 2-Butanone	6.79	43	29102	25.715	ug/l 94
26) 2,2-Dichloropropane	6.78	77	16433	5.387	ug/l 99
27) cis-1,2-Dichloroethene	6.78	96	12288	5.522	ug/l 97
28) Bromochloromethane	7.15	49	8820	5.473	ug/l # 100
29) Tetrahydrofuran	7.17	42	17732	22.907	ug/l 99
30) Chloroform	7.33	83	19438	5.324	ug/l 100
31) Cyclohexane	7.62	56	16936	5.775	ug/l # 78
32) 1,1,1-Trichloroethane	7.53	97	16770	5.372	ug/l 98
36) 1,1-Dichloropropene	7.75	75	13879	5.026	ug/l 98
37) Ethyl Acetate	6.88	43	12828	4.898	ug/l # 90
38) Carbon Tetrachloride	7.73	117	14904	5.179	ug/l 98

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 Data File : VN065045.D
 Acq On : 10 Dec 2020 15:13
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Quant Time: Dec 10 15:41:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 10 14:05:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	13538	4.625	ug/l	91
40) Benzene	8.00	78	43788	5.174	ug/l	100
41) Methacrylonitrile	7.13	41	6357	5.035	ug/l #	86
42) 1,2-Dichloroethane	8.08	62	15215	5.320	ug/l	96
43) Isopropyl Acetate	8.13	43	20536	4.842	ug/l	96
44) Trichloroethene	8.80	130	12154	4.888	ug/l	99
45) 1,2-Dichloropropane	9.08	63	11231	5.081	ug/l	90
46) Dibromomethane	9.17	93	7320	4.975	ug/l	94
47) Bromodichloromethane	9.37	83	14976	5.059	ug/l	97
48) Methyl methacrylate	9.16	41	8773	4.330	ug/l	95
49) 1,4-Dioxane	9.17	88	3379	88.425	ug/l #	93
51) 4-Methyl-2-Pentanone	9.95	43	57612	22.649	ug/l	93
52) Toluene	10.12	92	25613	4.901	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	14705	4.481	ug/l	92
54) cis-1,3-Dichloropropene	9.80	75	17417	4.940	ug/l	95
55) 1,1,2-Trichloroethane	10.53	97	10953	5.063	ug/l	99
56) Ethyl methacrylate	10.40	69	12246	4.175	ug/l	96
57) 1,3-Dichloropropane	10.68	76	17940	5.061	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	31059	19.208	ug/l	97
59) 2-Hexanone	10.72	43	40134	21.943	ug/l	93
60) Dibromochloromethane	10.87	129	11743	4.905	ug/l	94
61) 1,2-Dibromoethane	10.98	107	10792	4.941	ug/l	100
64) Tetrachloroethene	10.60	164	12809	5.004	ug/l	92
65) Chlorobenzene	11.41	112	28981	5.054	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	10902	5.174	ug/l	96
67) Ethyl Benzene	11.48	91	46190	4.855	ug/l	95
68) m/p-Xylenes	11.59	106	34003	9.386	ug/l	94
69) o-Xylene	11.92	106	16794	4.893	ug/l	98
70) Styrene	11.94	104	25634	4.422	ug/l	98
71) Bromoform	12.10	173	7932	4.738	ug/l #	96
73) Isopropylbenzene	12.22	105	41382	4.970	ug/l	97
74) N-amyl acetate	12.04	43	14159	4.397	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.48	83	14042	5.733	ug/l	96
76) 1,2,3-Trichloropropane	12.53	75	18089	7.096	ug/l #	100
77) Bromobenzene	12.50	156	11870	5.272	ug/l	92
78) n-propylbenzene	12.56	91	45757	4.842	ug/l	99
79) 2-Chlorotoluene	12.65	91	29667	5.072	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	33408	4.830	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	3783	4.105	ug/l	90
82) 4-Chlorotoluene	12.75	91	30711	5.005	ug/l	99
83) tert-Butylbenzene	12.97	119	27319	4.711	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	33546	4.786	ug/l	100
85) sec-Butylbenzene	13.14	105	36568	4.775	ug/l	99
86) p-Isopropyltoluene	13.26	119	31975	4.587	ug/l	98
87) 1,3-Dichlorobenzene	13.25	146	20209	5.051	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	21105	4.990	ug/l	93
89) n-Butylbenzene	13.59	91	26180	4.300	ug/l	98
90) Hexachloroethane	13.85	117	6380	5.239	ug/l	94
91) 1,2-Dichlorobenzene	13.63	146	20315	5.169	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	2413	4.475	ug/l	95

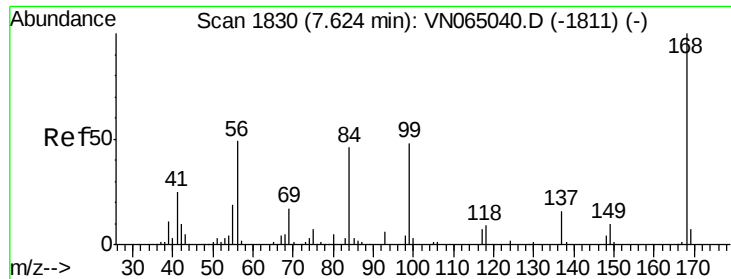
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121020\
Data File : VN065045.D
Acq On : 10 Dec 2020 15:13
Operator : JC/MD
Sample : VSTDIC005
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Quant Time: Dec 10 15:41:38 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121020W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 10 14:05:55 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	7200	3.029	ug/l	98
94) Hexachlorobutadiene	14.98	225	5892	4.861	ug/l	94
95) Naphthalene	15.10	128	16265	2.293	ug/l	97
96) 1,2,3-Trichlorobenzene	15.28	180	5848	2.502	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN065045.D

Acq: 10 Dec 2020 15:13

Instrument :

MSVOA_N

ClientSampleId :

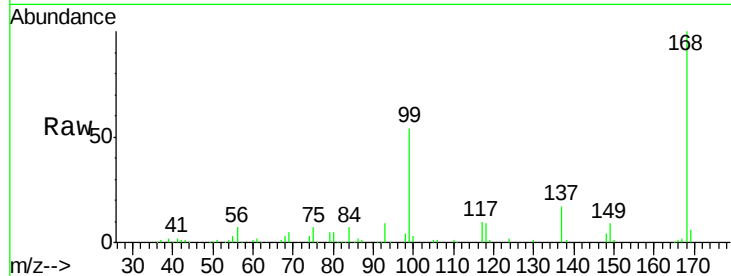
VSTDIC005

Tgt Ion:168 Resp: 185495

Ion Ratio Lower Upper

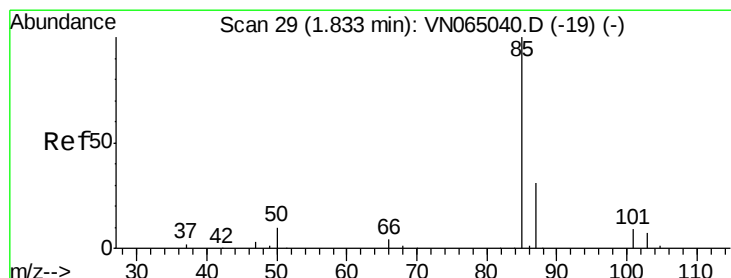
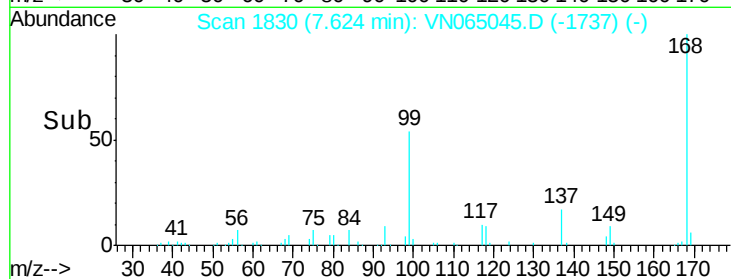
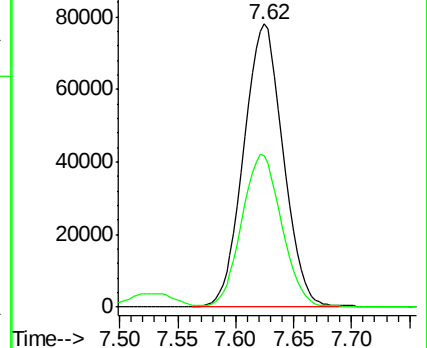
168 100

99 53.2 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 6.013 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN065045.D

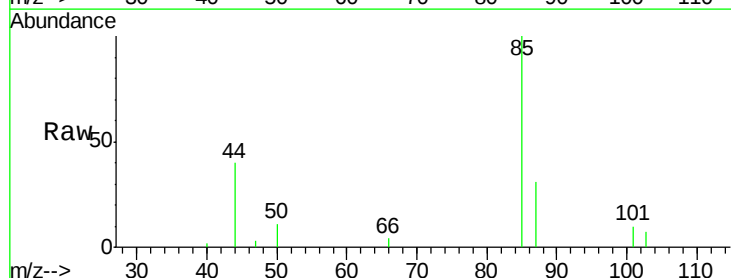
Acq: 10 Dec 2020 15:13

Tgt Ion: 85 Resp: 9323

Ion Ratio Lower Upper

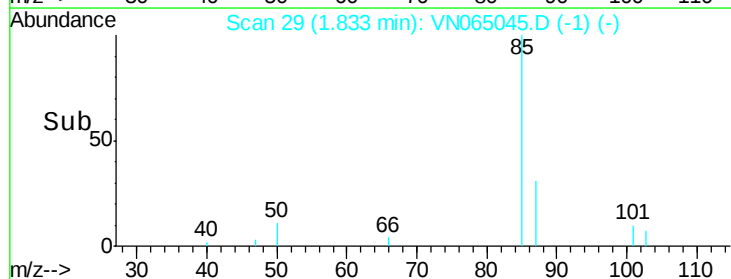
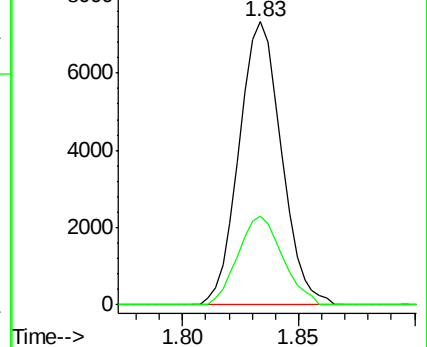
85 100

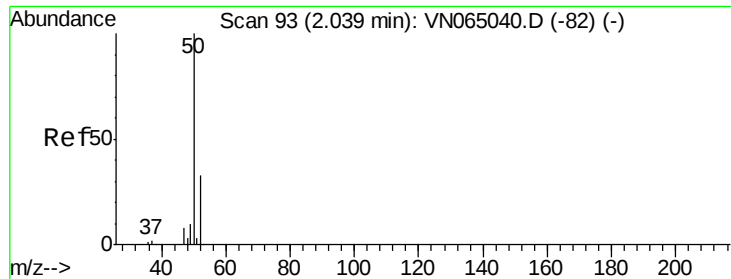
87 31.4 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 5.759 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN065045.D

Acq: 10 Dec 2020 15:13

Instrument :

MSVOA_N

ClientSampleId :

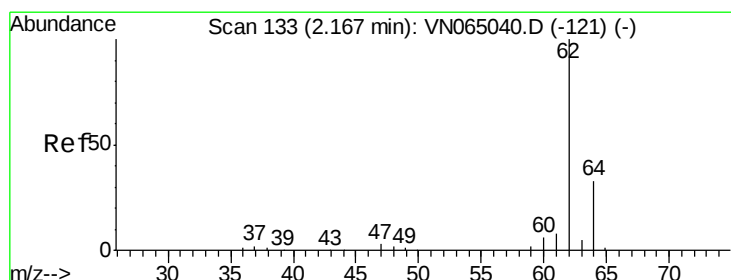
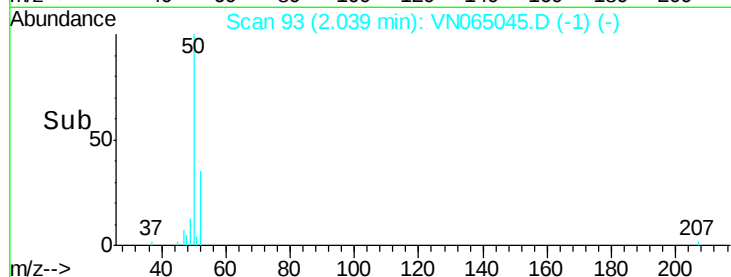
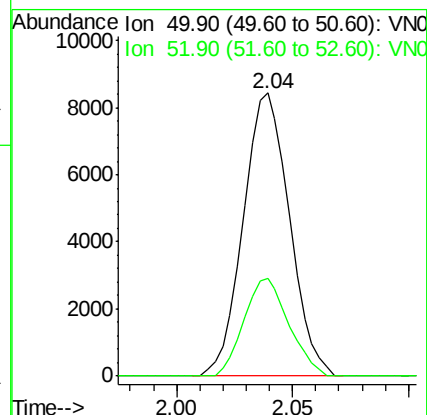
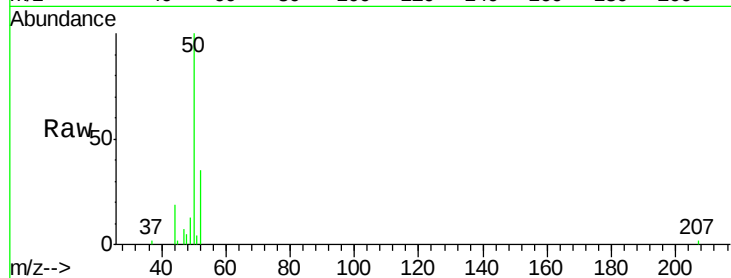
VSTDIC005

Tgt Ion: 50 Resp: 11683

Ion Ratio Lower Upper

50 100

52 34.6 26.5 39.7



#4

Vinyl Chloride

Concen: 5.757 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN065045.D

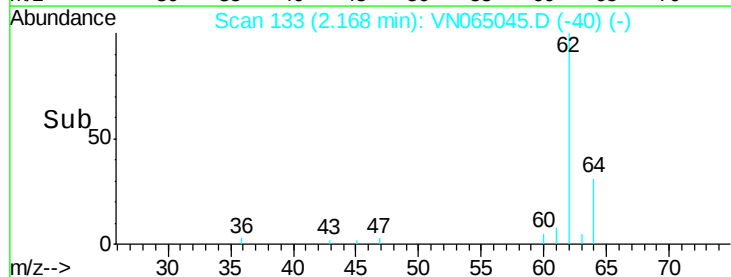
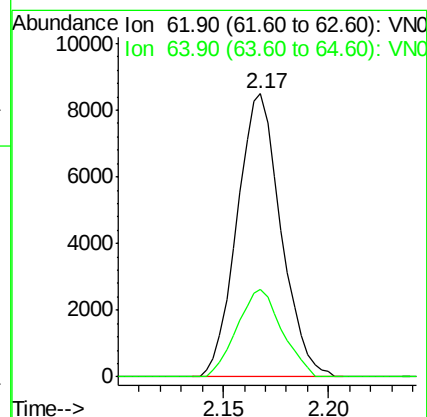
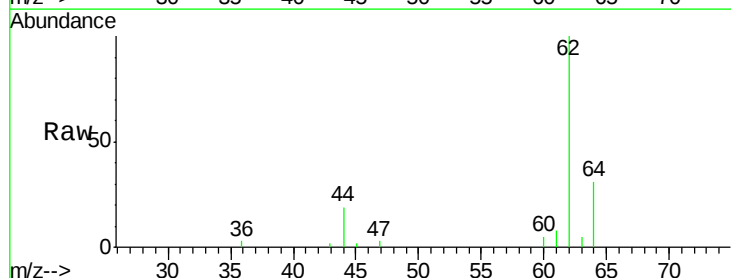
Acq: 10 Dec 2020 15:13

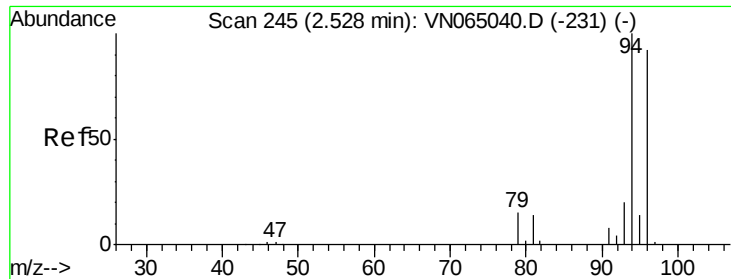
Tgt Ion: 62 Resp: 12242

Ion Ratio Lower Upper

62 100

64 31.0 26.1 39.1

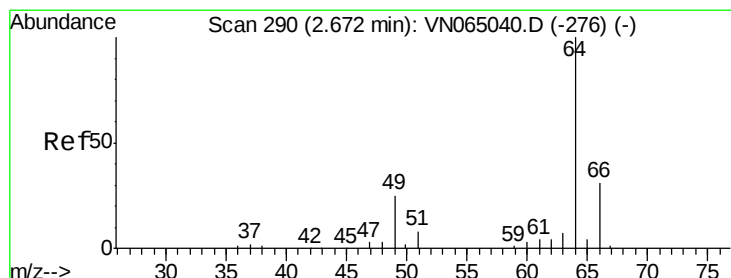
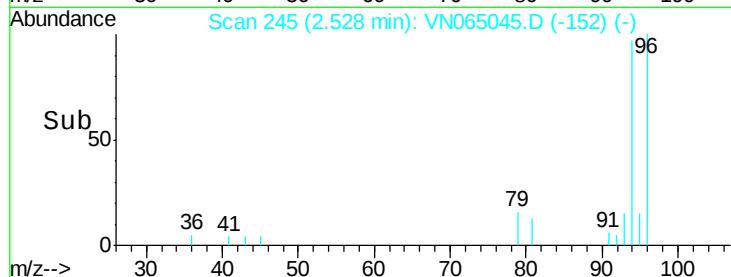
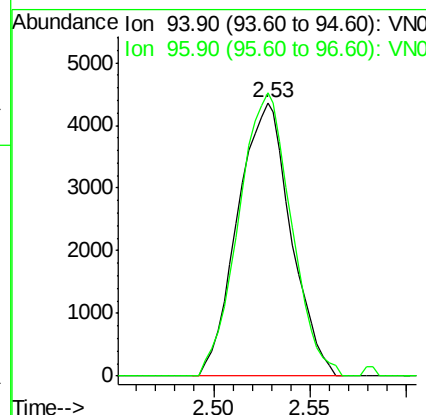
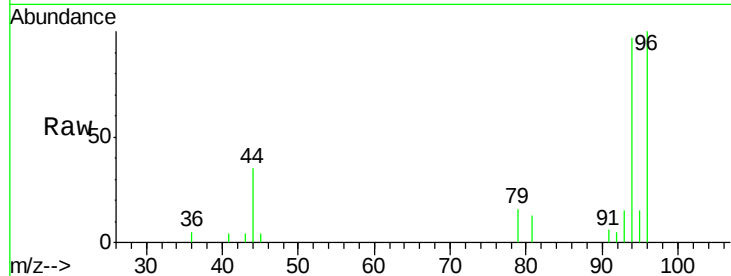




#5
Bromomethane
Concen: 5.972 ug/l
RT: 2.53 min Scan# 245
Delta R.T. 0.00 min
Lab File: VN065045.D
Acq: 10 Dec 2020 15:13

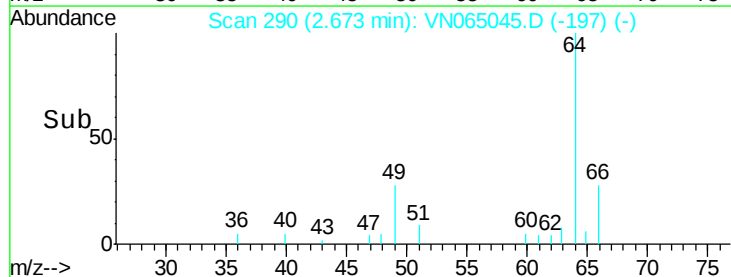
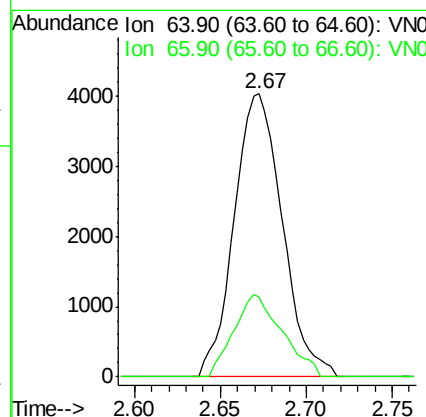
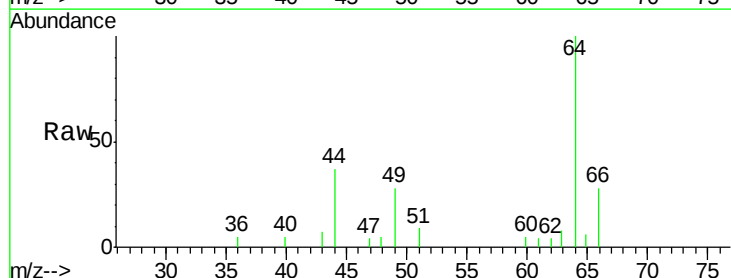
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

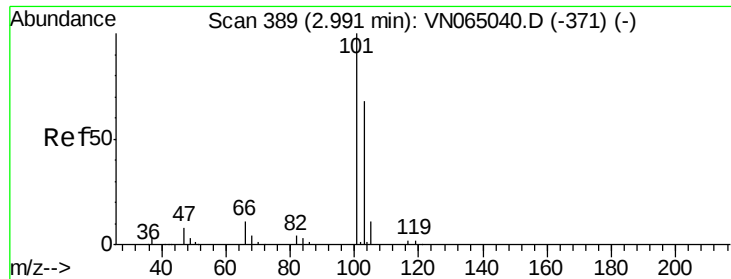
Tgt Ion: 94 Resp: 8334
Ion Ratio Lower Upper
94 100
96 103.5 73.8 110.8



#6
Chloroethane
Concen: 5.894 ug/l
RT: 2.67 min Scan# 290
Delta R.T. 0.00 min
Lab File: VN065045.D
Acq: 10 Dec 2020 15:13

Tgt Ion: 64 Resp: 7842
Ion Ratio Lower Upper
64 100
66 28.3 24.6 37.0



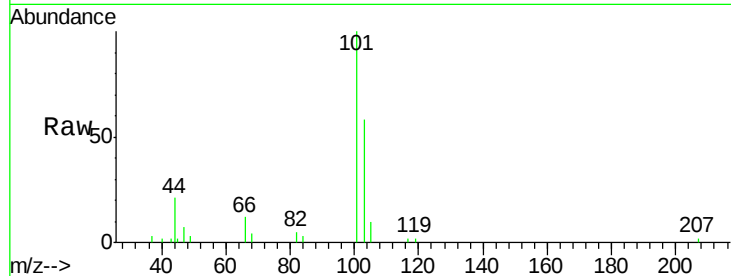


#7

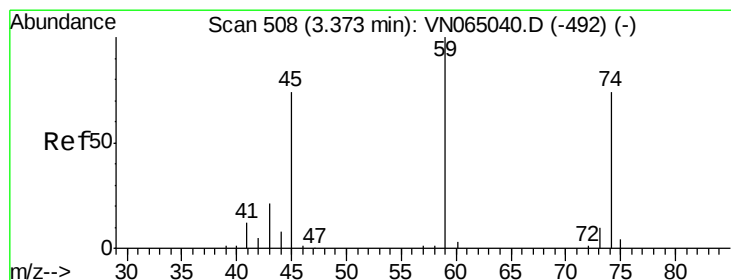
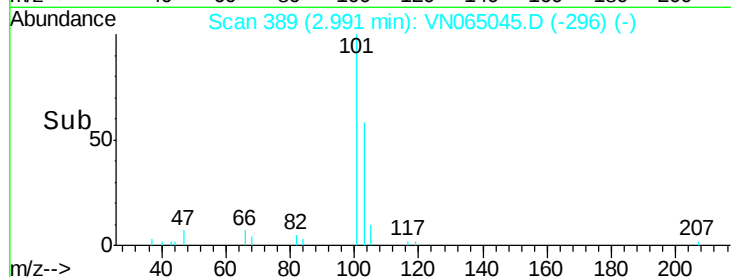
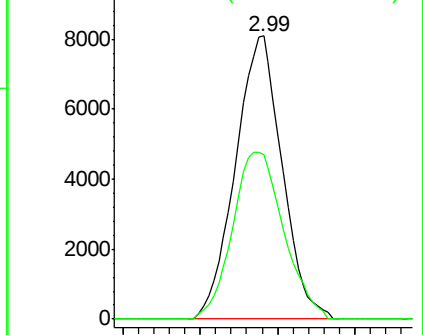
Trichlorofluoromethane
 Concen: 5.698 ug/l
 RT: 2.99 min Scan# 389
 Delta R.T. 0.00 min
 Lab File: VN065045.D
 Acq: 10 Dec 2020 15:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:101 Resp: 16965
 Ion Ratio Lower Upper
 101 100
 103 57.8 54.5 81.7



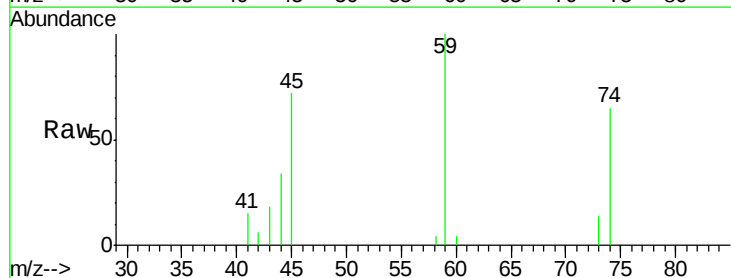
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



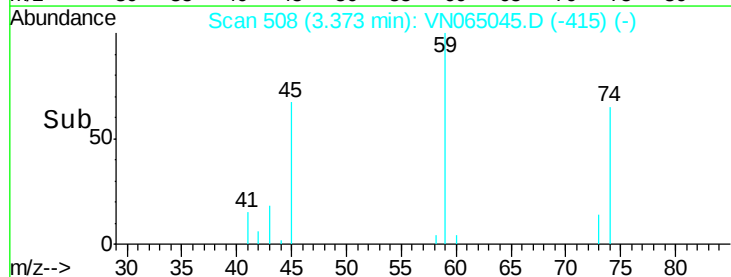
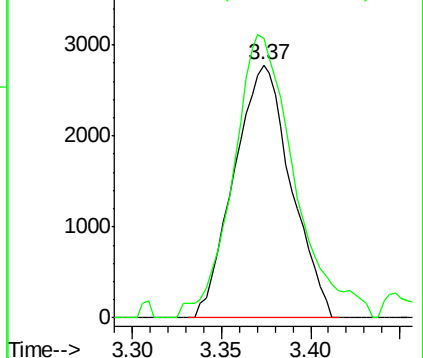
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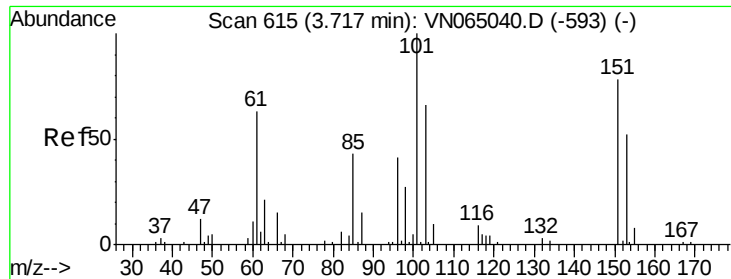
Diethyl Ether
 Concen: 5.238 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: VN065045.D
 Acq: 10 Dec 2020 15:13

Tgt Ion: 74 Resp: 6169
 Ion Ratio Lower Upper
 74 100
 45 120.9 49.1 147.3



Abundance Ion 74.00 (73.70 to 74.70): VNO
 Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.877 ug/l

RT: 3.71 min Scan# 614

Delta R.T. -0.00 min

Lab File: VN065045.D

Acq: 10 Dec 2020 15:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

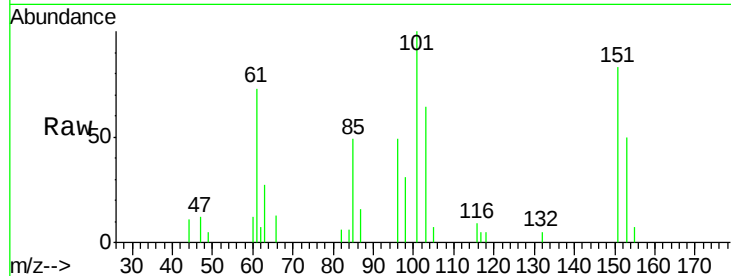
Tgt Ion:101 Resp: 10529

Ion Ratio Lower Upper

101 100

85 41.7 33.2 49.8

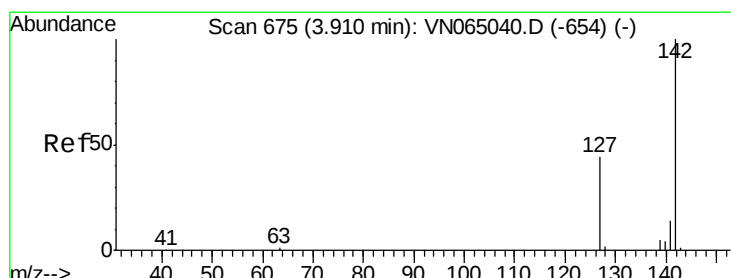
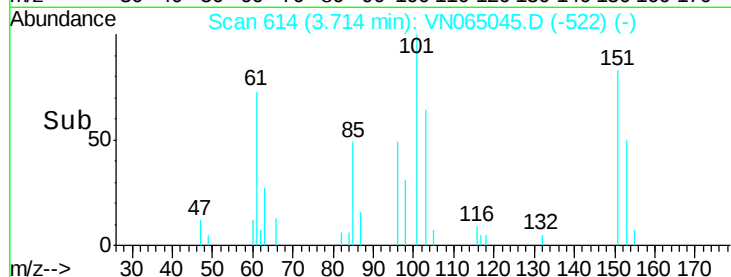
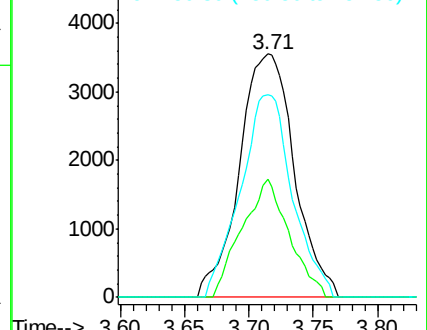
151 79.0 63.7 95.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 4.738 ug/l

RT: 3.91 min Scan# 675

Delta R.T. 0.00 min

Lab File: VN065045.D

Acq: 10 Dec 2020 15:13

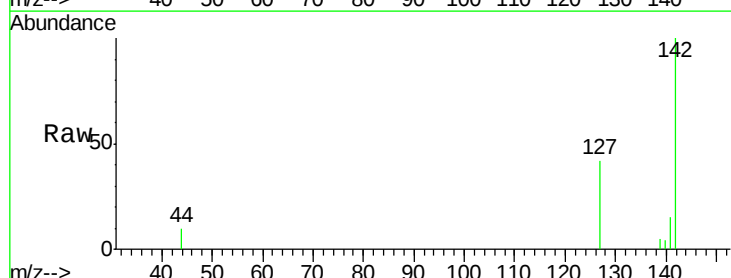
Tgt Ion:142 Resp: 10815

Ion Ratio Lower Upper

142 100

127 42.5 34.6 52.0

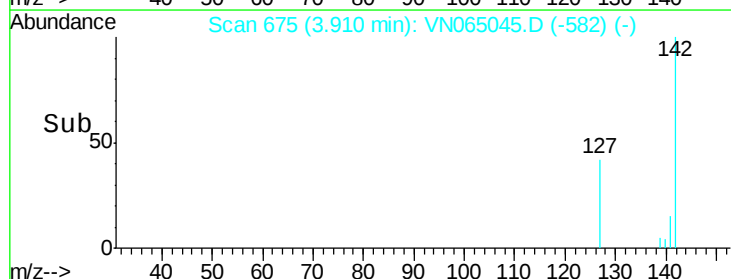
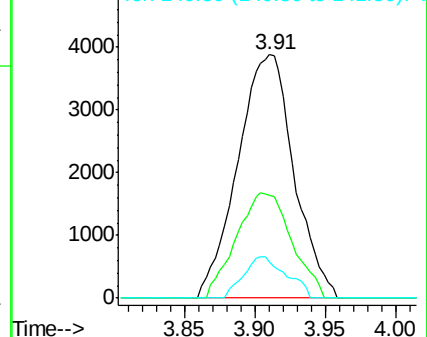
141 12.9 10.9 16.3

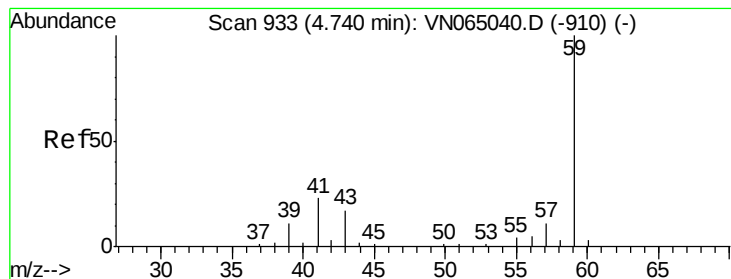


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



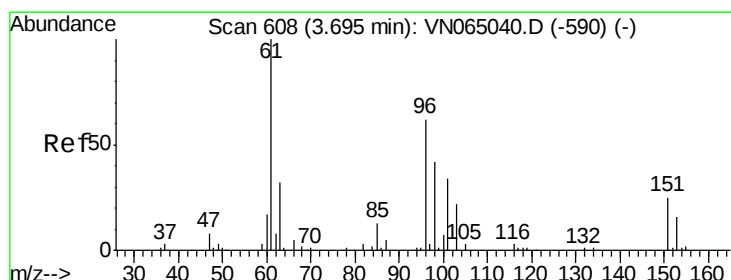
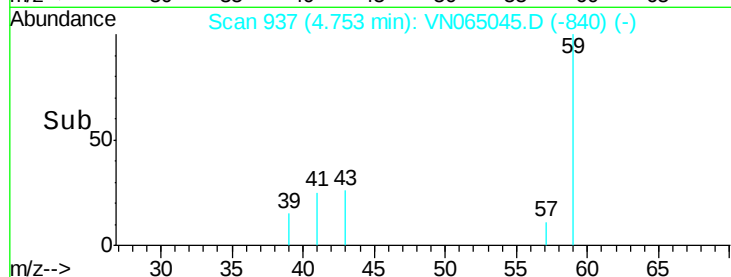
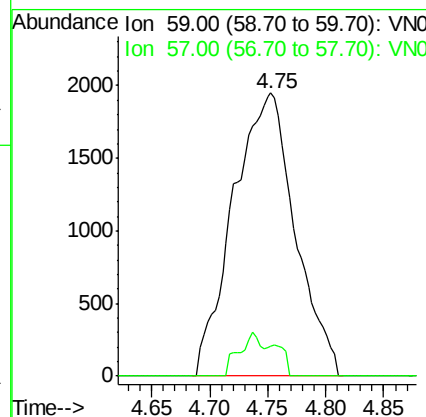
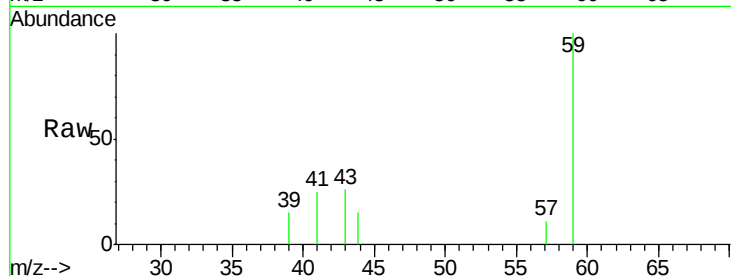


#11

Tert butyl alcohol
Concen: 22.426 ug/l
RT: 4.75 min Scan# 937
Delta R.T. 0.01 min
Lab File: VN065045.D
Acq: 10 Dec 2020 15:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

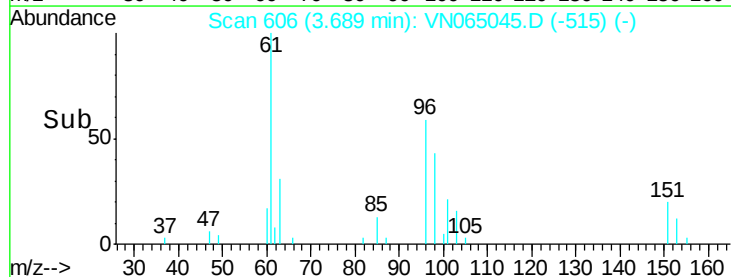
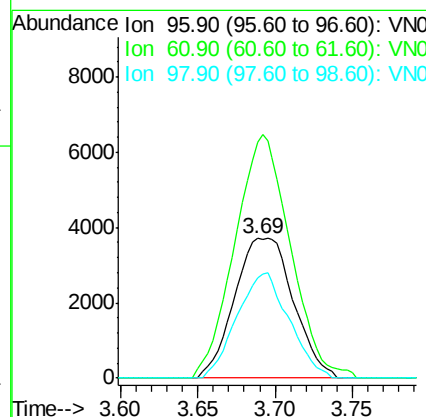
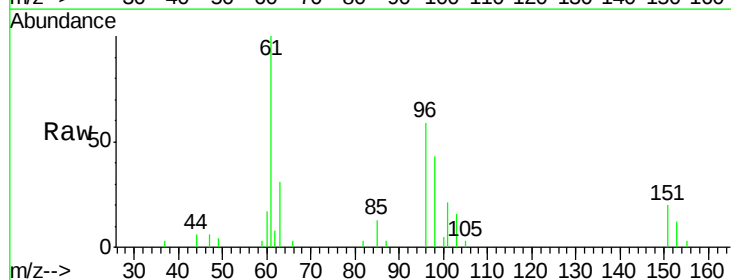
Tgt Ion: 59 Resp: 7236
Ion Ratio Lower Upper
59 100
57 5.4 8.6 12.8#

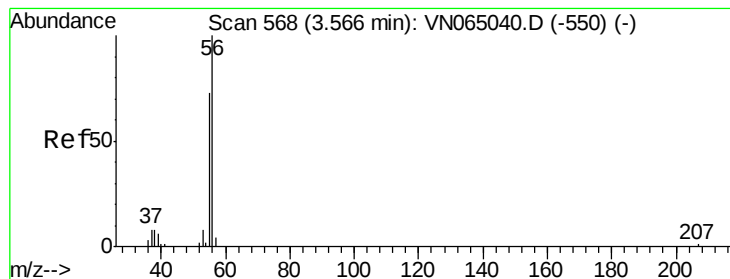


#12

1,1-Dichloroethene
Concen: 5.570 ug/l
RT: 3.69 min Scan# 606
Delta R.T. -0.01 min
Lab File: VN065045.D
Acq: 10 Dec 2020 15:13

Tgt Ion: 96 Resp: 9833
Ion Ratio Lower Upper
96 100
61 168.6 128.4 192.6
98 71.9 53.6 80.4





#13

Acrolein

Concen: 30.528 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN065045.D

Acq: 10 Dec 2020 15:13

Instrument :

MSVOA_N

ClientSampleId :

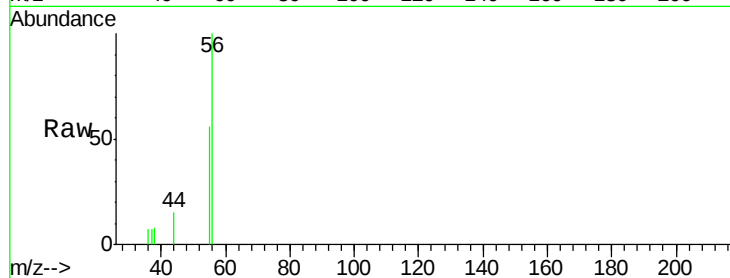
VSTDIC005

Tgt Ion: 56 Resp: 6308

Ion Ratio Lower Upper

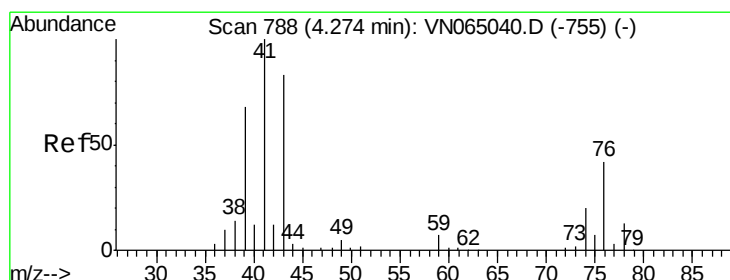
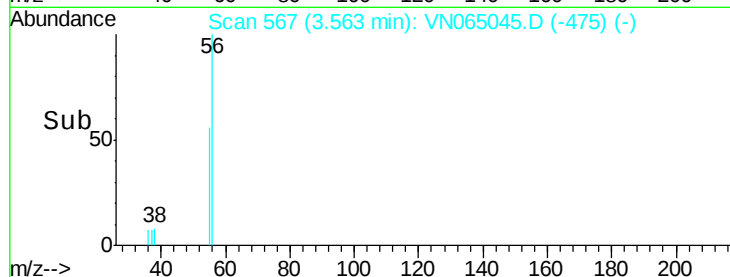
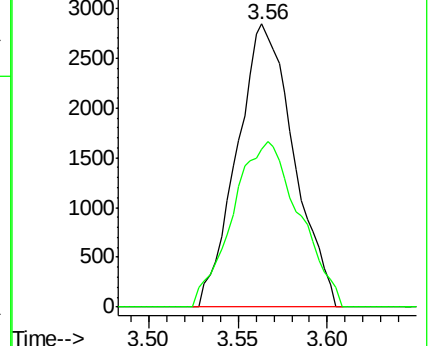
56 100

55 68.6 58.4 87.6



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

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



#14

Allyl chloride

Concen: 5.034 ug/l

RT: 4.27 min Scan# 788

Delta R.T. 0.00 min

Lab File: VN065045.D

Acq: 10 Dec 2020 15:13

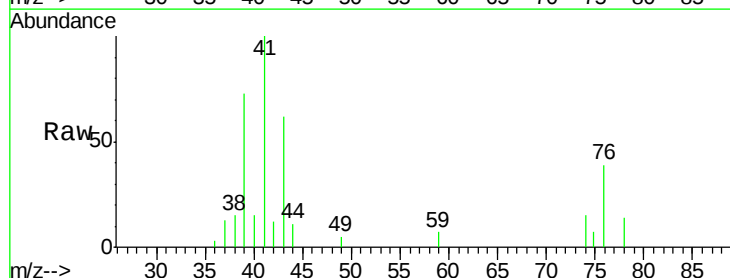
Tgt Ion: 41 Resp: 14679

Ion Ratio Lower Upper

41 100

39 68.1 49.0 73.6

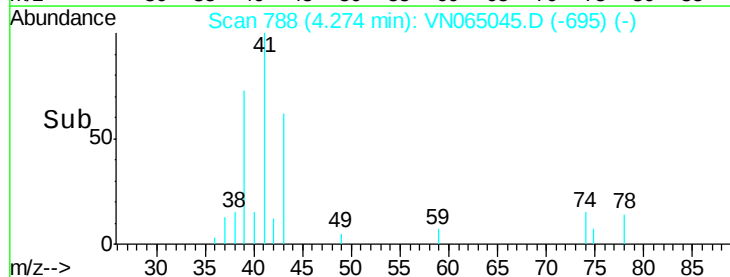
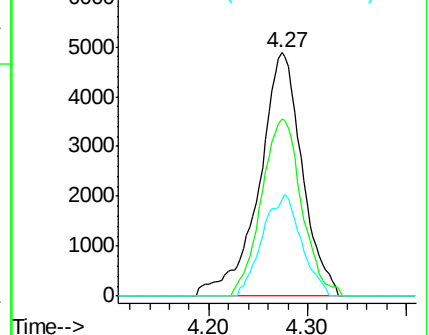
76 37.8 29.6 44.4

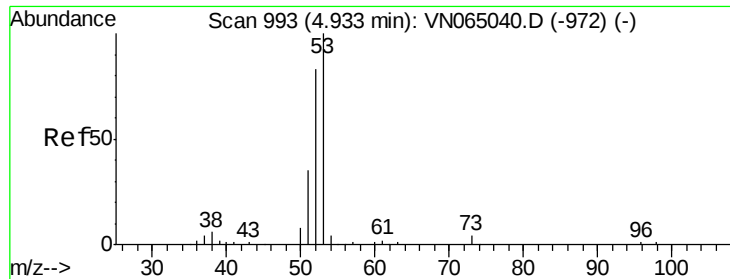


Abundance Ion 41.00 (40.70 to 41.70): VN065040.D (-755) (-)

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

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





#15

Acrylonitrile

Concen: 24.690 ug/l

RT: 4.94 min Scan# 994

Delta R.T. 0.00 min

Lab File: VN065045.D

Acq: 10 Dec 2020 15:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

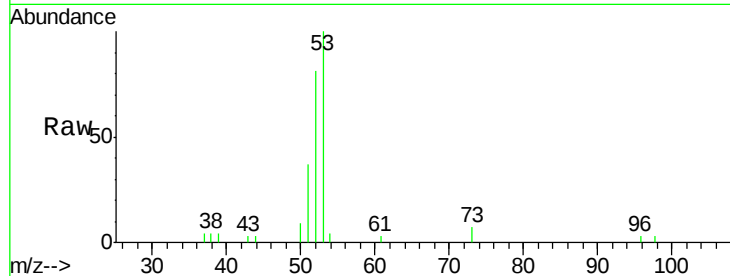
Tgt Ion: 53 Resp: 22561

Ion Ratio Lower Upper

53 100

52 78.6 65.4 98.0

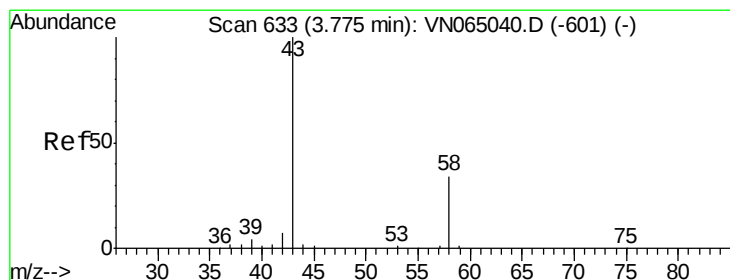
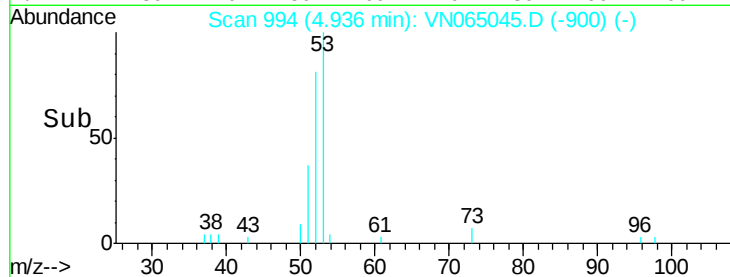
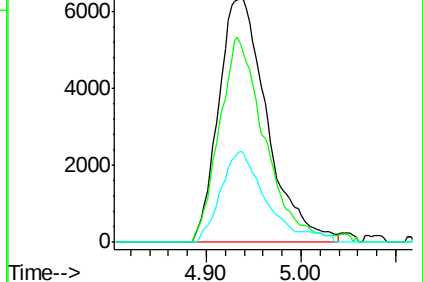
51 33.1 27.8 41.6



Abundance Ion 53.00 (52.70 to 53.70): VN065040.D (-972) (-)

Ion 52.00 (51.70 to 52.70): VN065040.D (-972) (-)

Ion 51.00 (50.70 to 51.70): VN065040.D (-972) (-)



#16

Acetone

Concen: 32.455 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN065045.D

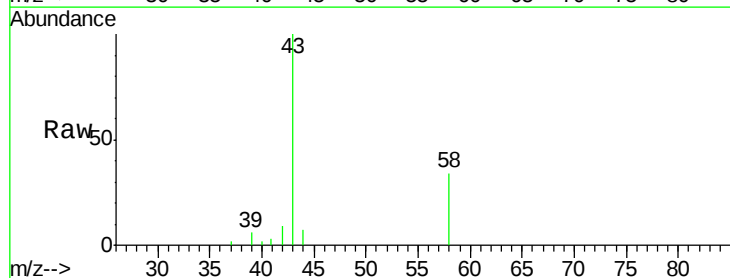
Acq: 10 Dec 2020 15:13

Tgt Ion: 43 Resp: 23505

Ion Ratio Lower Upper

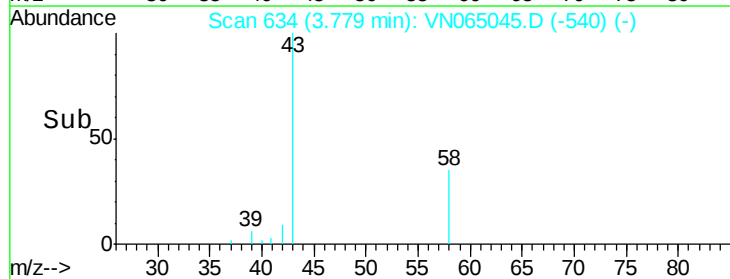
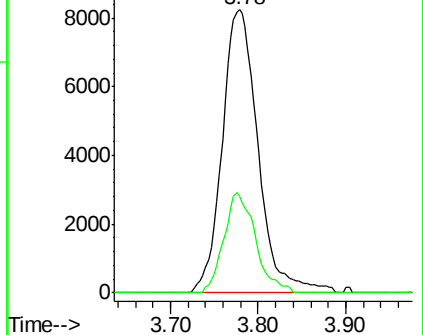
43 100

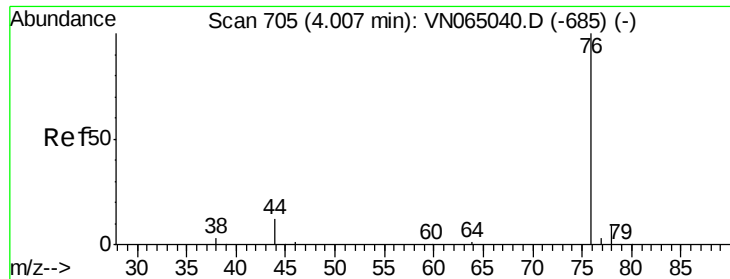
58 33.9 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VN065040.D (-601) (-)

Ion 58.00 (57.70 to 58.70): VN065040.D (-601) (-)

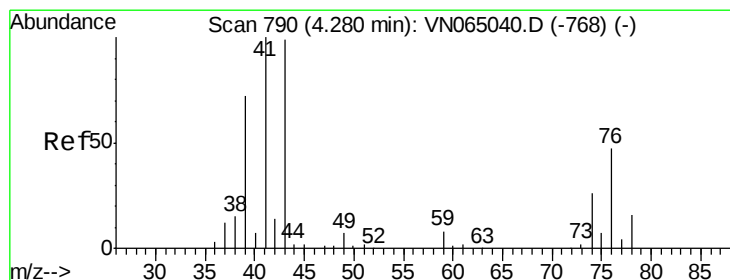
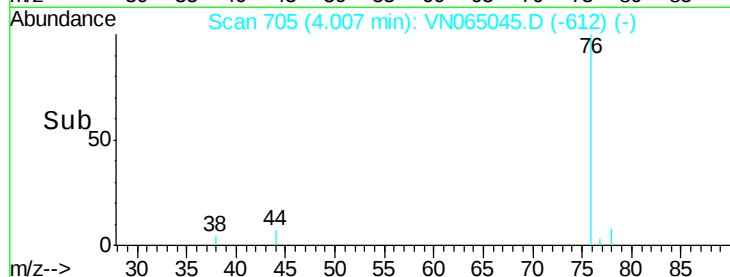
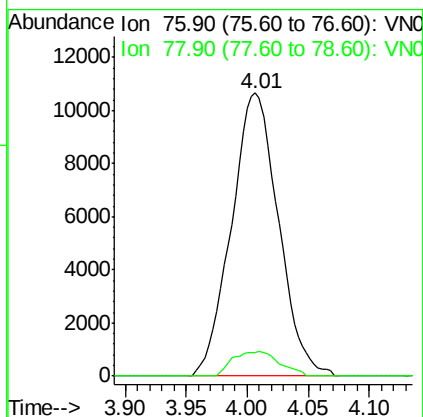
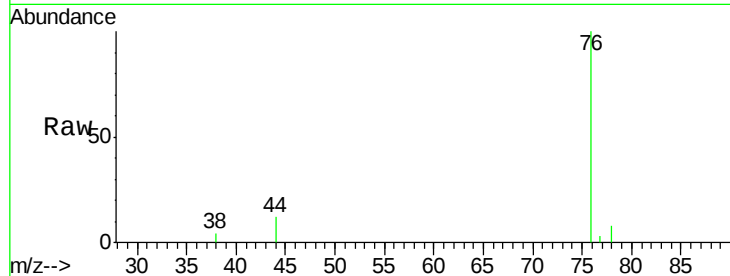




#17
Carbon Disulfide
Concen: 5.664 ug/l
RT: 4.01 min Scan# 705
Delta R.T. 0.00 min
Lab File: VN065045.D
Acq: 10 Dec 2020 15:13

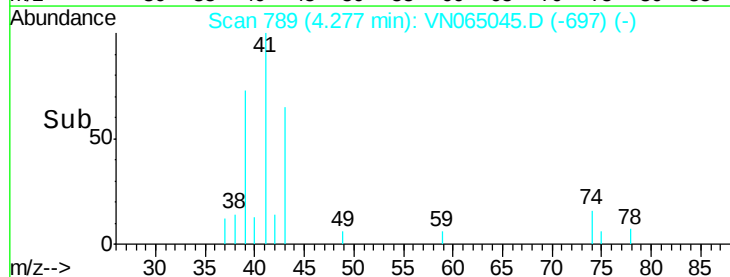
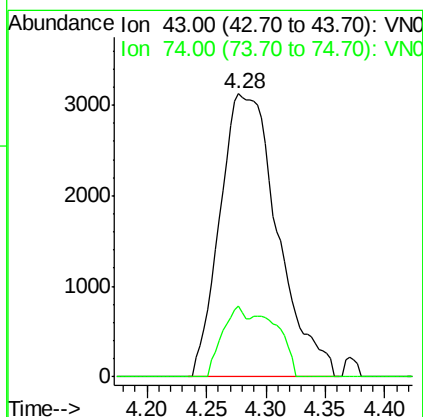
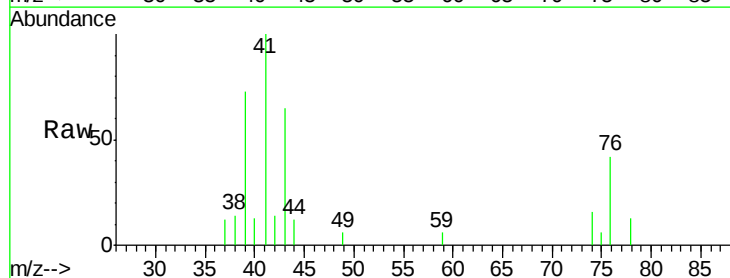
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

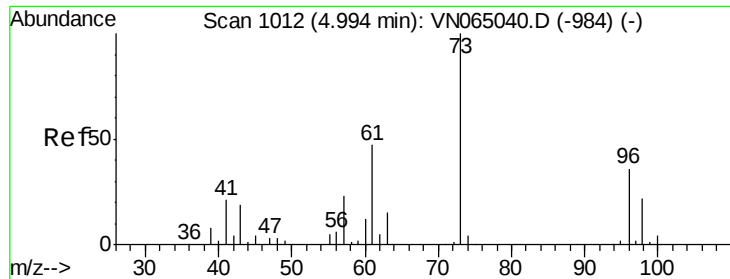
Tgt Ion: 76 Resp: 28508
Ion Ratio Lower Upper
76 100
78 8.5 7.1 10.7



#18
Methyl Acetate
Concen: 4.949 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN065045.D
Acq: 10 Dec 2020 15:13

Tgt Ion: 43 Resp: 10482
Ion Ratio Lower Upper
43 100
74 11.3 20.1 30.1#





#19

Methyl tert-butyl Ether

Concen: 5.027 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. -0.01 min

Lab File: VN065045.D

Acq: 10 Dec 2020 15:13

Instrument :

MSVOA_N

ClientSampleId :

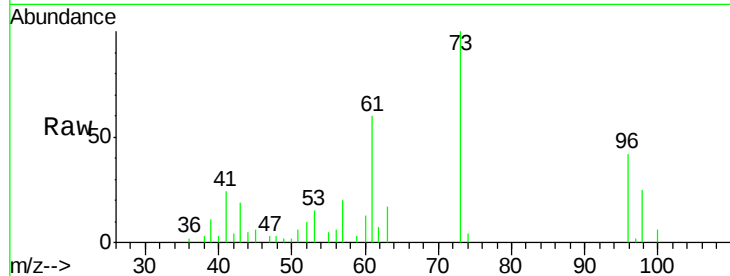
VSTDIC005

Tgt Ion: 73 Resp: 28661

Ion Ratio Lower Upper

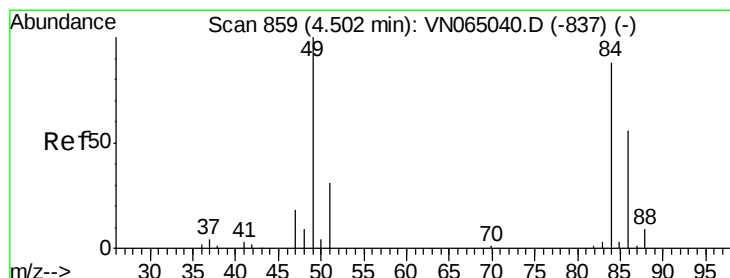
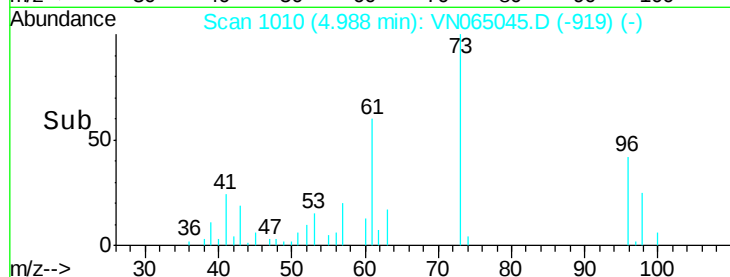
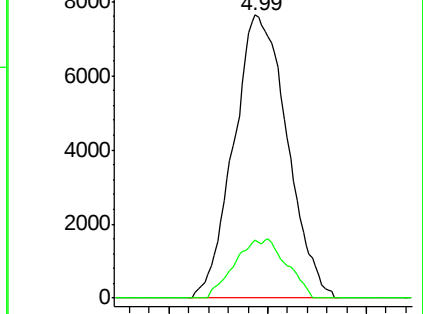
73 100

57 20.4 18.0 27.0



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

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



#20

Methylene Chloride

Concen: 5.678 ug/l

RT: 4.50 min Scan# 858

Delta R.T. -0.00 min

Lab File: VN065045.D

Acq: 10 Dec 2020 15:13

Tgt Ion: 84 Resp: 12536

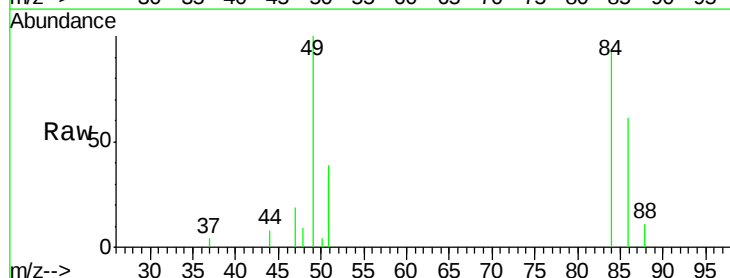
Ion Ratio Lower Upper

84 100

49 106.7 90.8 136.2

51 41.4 28.1 42.1

86 65.4 51.3 76.9

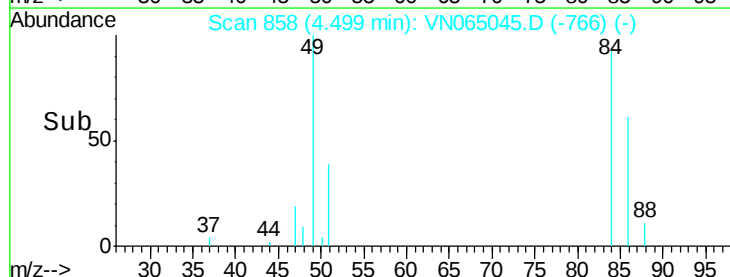
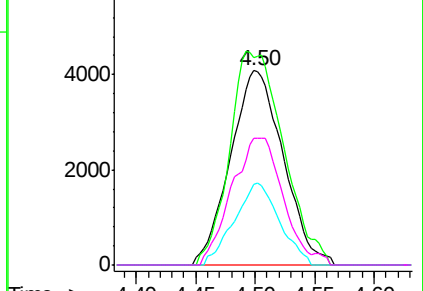


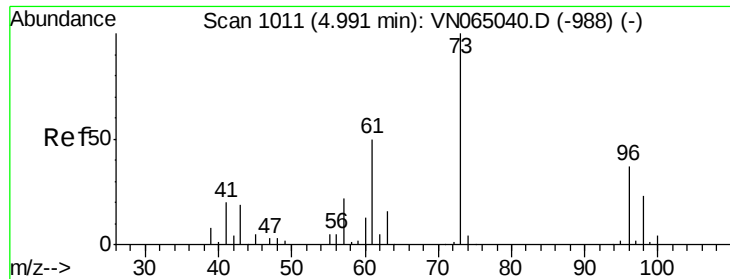
Abundance Ion 83.90 (83.60 to 84.60): VN065040.D (-837) (-)

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

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

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





#21

trans-1,2-Dichloroethene

Concen: 5.250 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VN065045.D

Acq: 10 Dec 2020 15:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

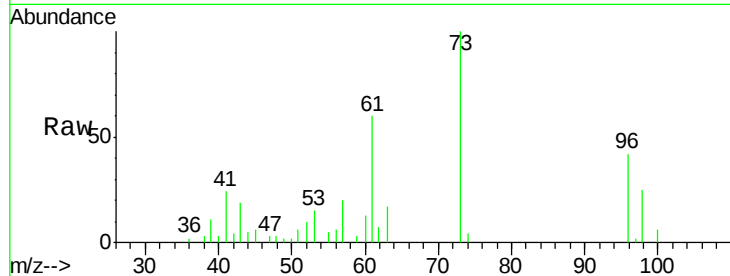
Tgt Ion: 96 Resp: 10311

Ion Ratio Lower Upper

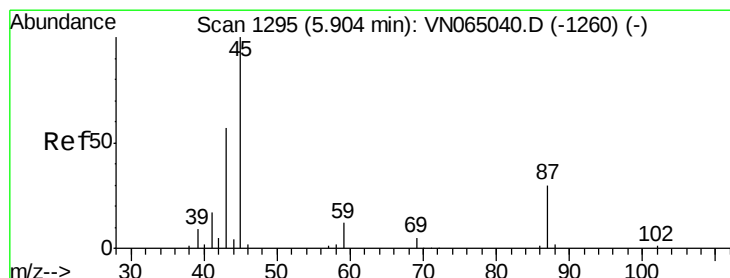
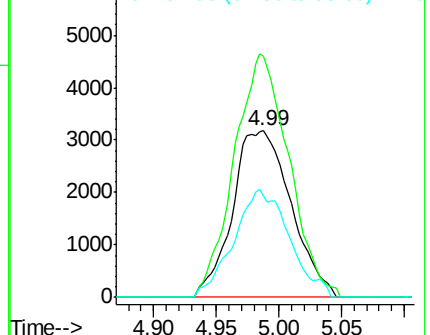
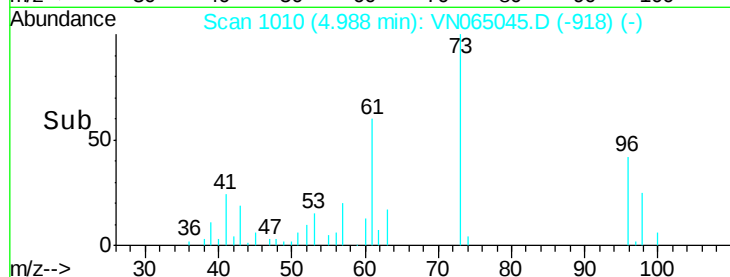
96 100

61 144.7 107.1 160.7

98 60.8 49.8 74.8



Abundance Ion 95.90 (95.60 to 96.60): VN065045.D (-918) (-)



#22

Diisopropyl ether

Concen: 5.137 ug/l

RT: 5.90 min Scan# 1293

Delta R.T. -0.01 min

Lab File: VN065045.D

Acq: 10 Dec 2020 15:13

Tgt Ion: 45 Resp: 30254

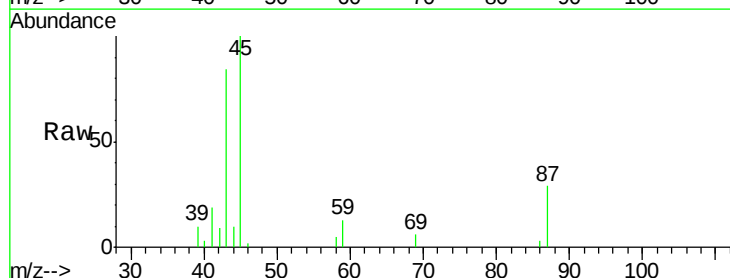
Ion Ratio Lower Upper

45 100

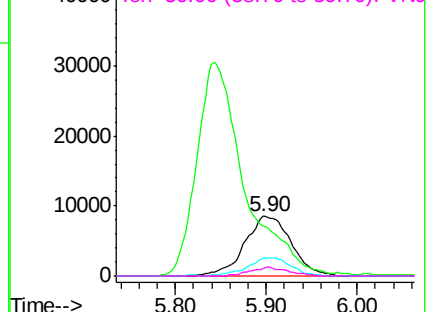
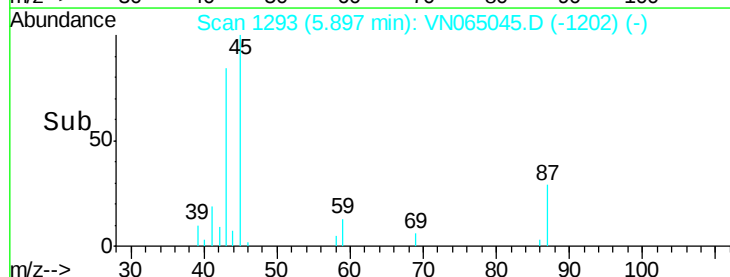
43 78.9 47.9 71.9#

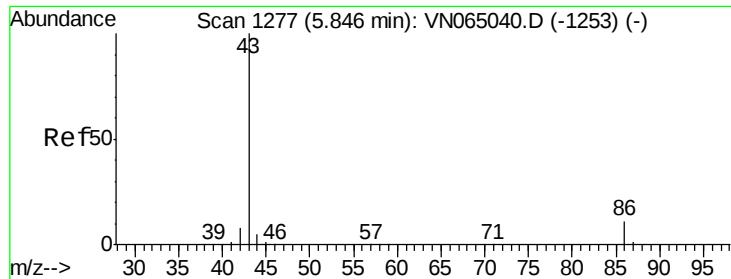
87 29.5 24.3 36.5

59 12.8 9.5 14.3



Abundance Ion 45.00 (44.70 to 45.70): VN065045.D (-1202) (-)

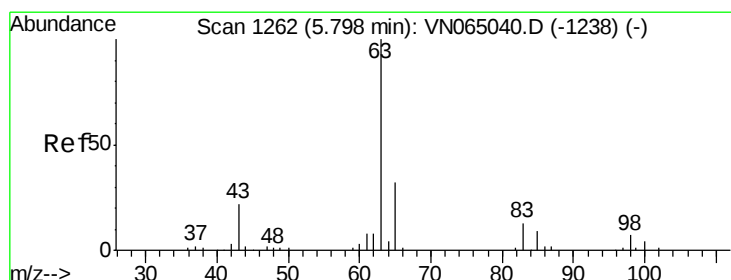
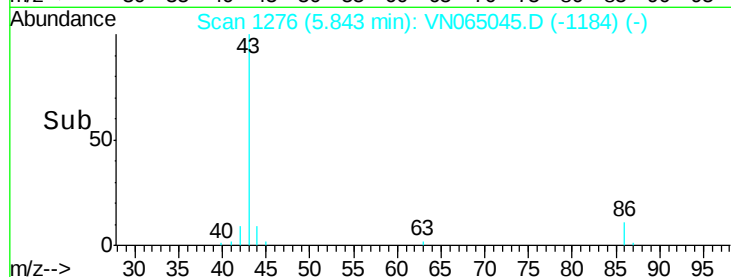
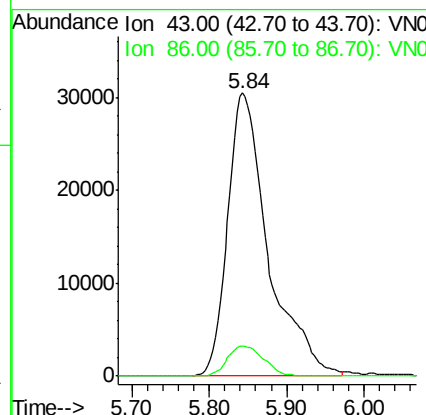
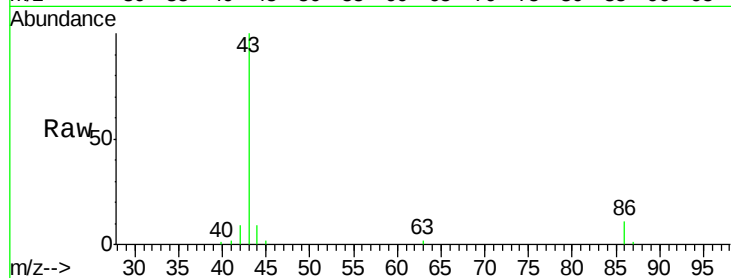




#23
 Vinyl Acetate
 Concen: 23.757 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: VN065045.D
 Acq: 10 Dec 2020 15:13

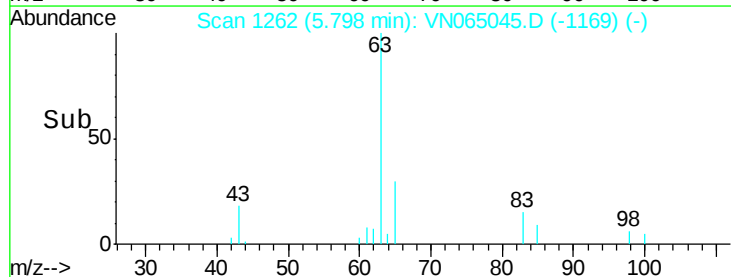
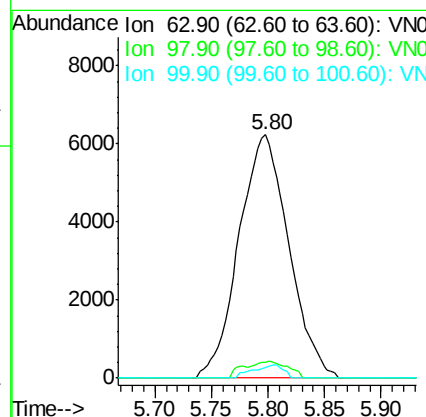
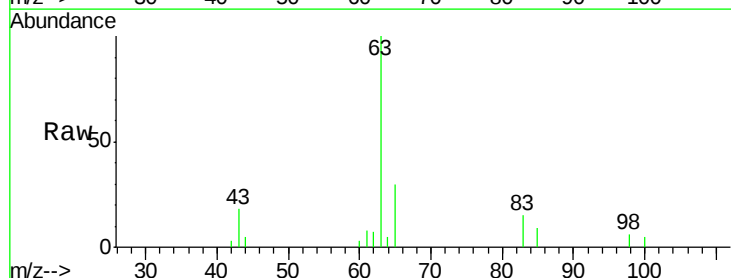
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

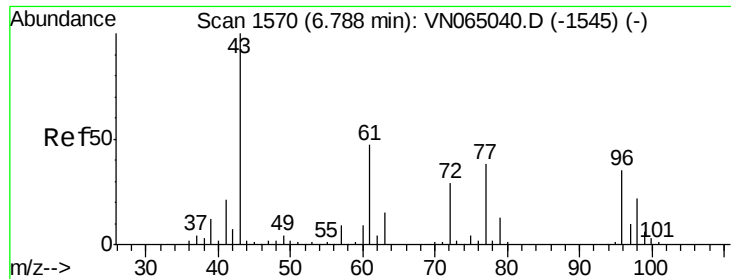
Tgt Ion: 43 Resp: 111131
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 5.427 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VN065045.D
 Acq: 10 Dec 2020 15:13

Tgt Ion: 63 Resp: 19097
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.3 9.9
 100 4.6 2.1 6.2





#25

2-Butanone

Concen: 25.715 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. 0.00 min

Lab File: VN065045.D

Acq: 10 Dec 2020 15:13

Instrument :

MSVOA_N

ClientSampled :

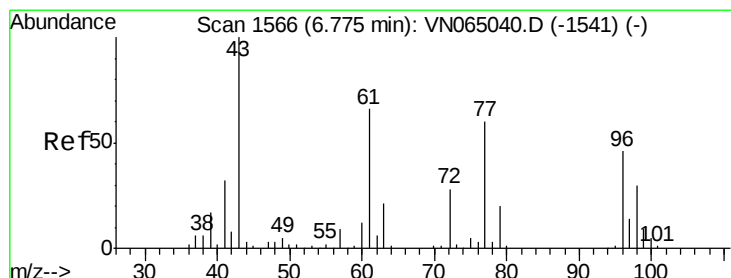
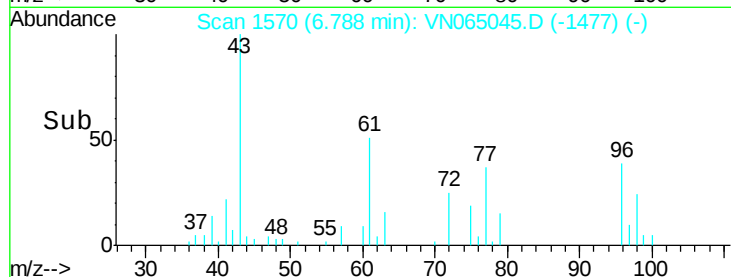
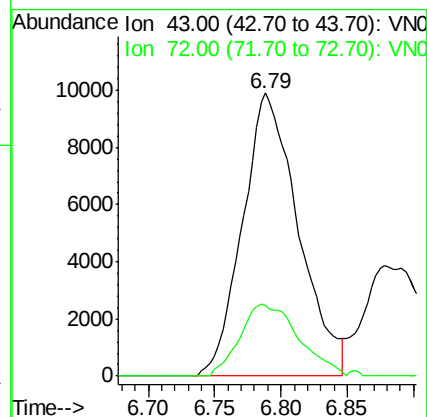
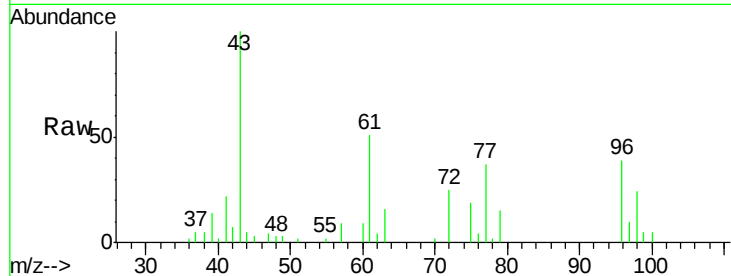
VSTDIC005

Tgt Ion: 43 Resp: 29102

Ion Ratio Lower Upper

43 100

72 25.2 22.9 34.3



#26

2,2-Dichloropropane

Concen: 5.387 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN065045.D

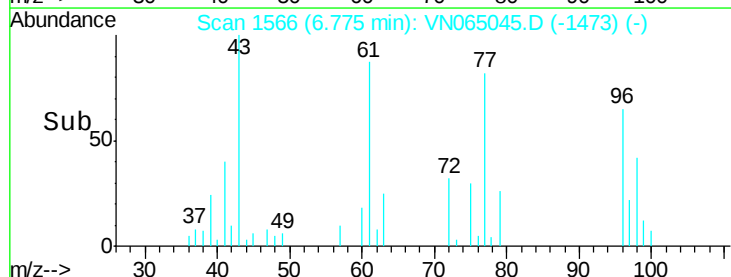
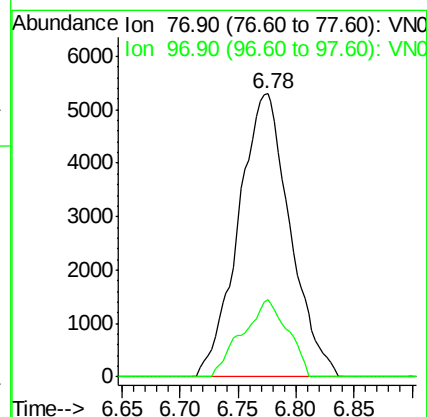
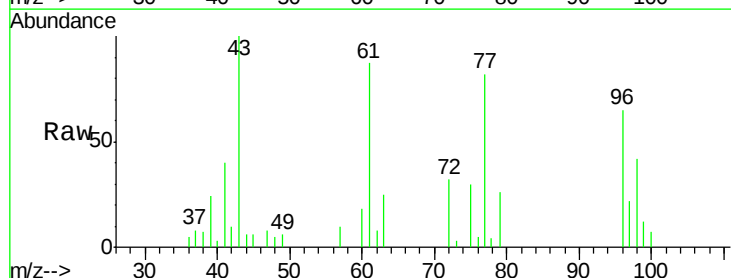
Acq: 10 Dec 2020 15:13

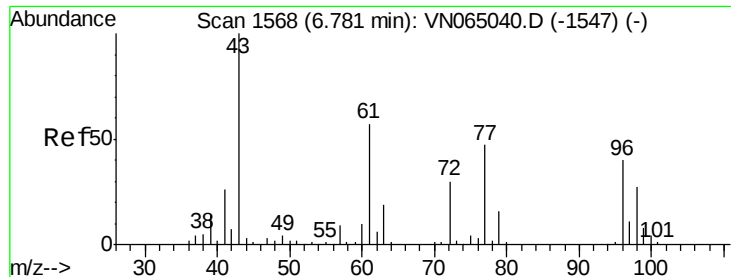
Tgt Ion: 77 Resp: 16433

Ion Ratio Lower Upper

77 100

97 24.0 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 5.522 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN065045.D

Acq: 10 Dec 2020 15:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

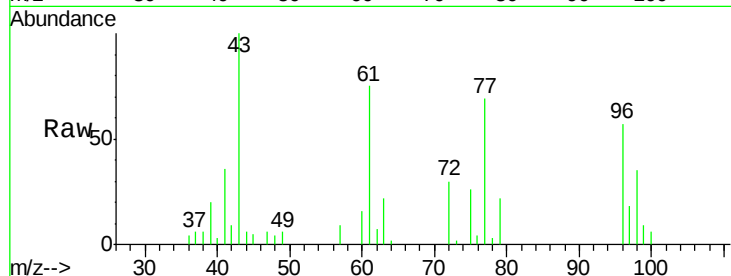
Tgt Ion: 96 Resp: 12288

Ion Ratio Lower Upper

96 100

61 138.2 0.0 283.6

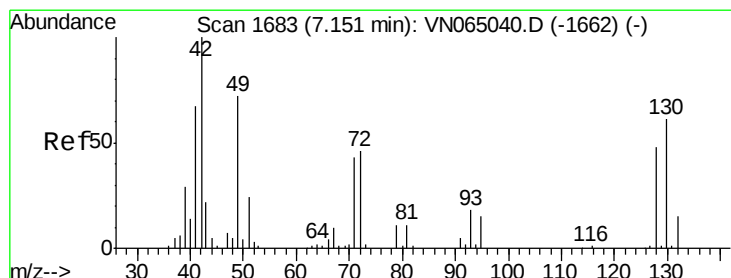
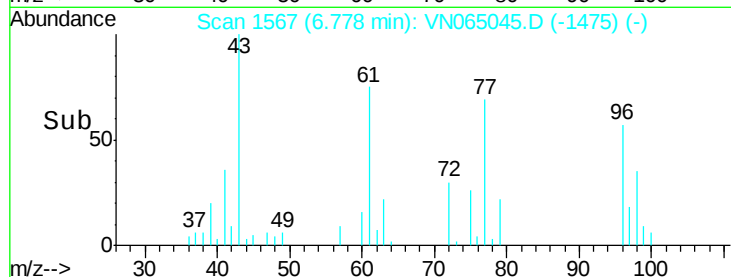
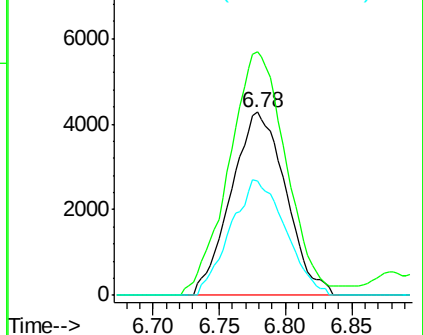
98 63.2 0.0 130.8



Abundance Ion 95.90 (95.60 to 96.60): VN065040.D (-1547) (-)

Ion 60.90 (60.60 to 61.60): VN065040.D (-1547) (-)

Ion 97.90 (97.60 to 98.60): VN065040.D (-1547) (-)



#28

Bromochloromethane

Concen: 5.473 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN065045.D

Acq: 10 Dec 2020 15:13

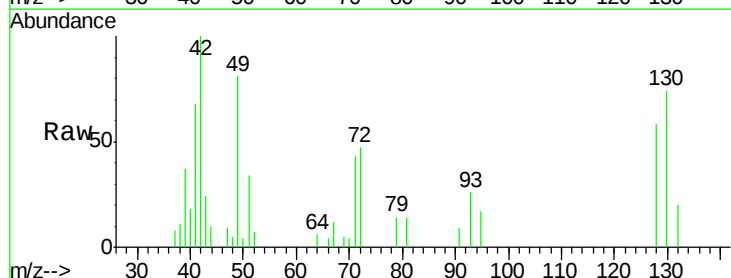
Tgt Ion: 49 Resp: 8820

Ion Ratio Lower Upper

49 100

129 0.0 0.0 2.2

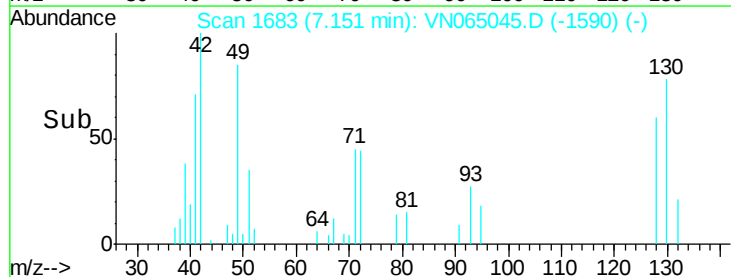
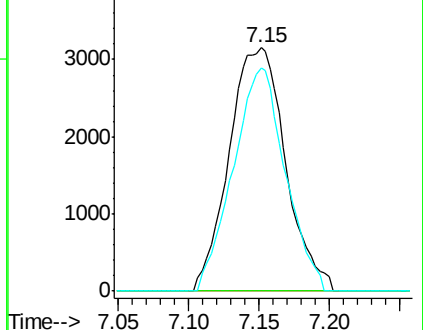
130 84.8 67.9 101.9

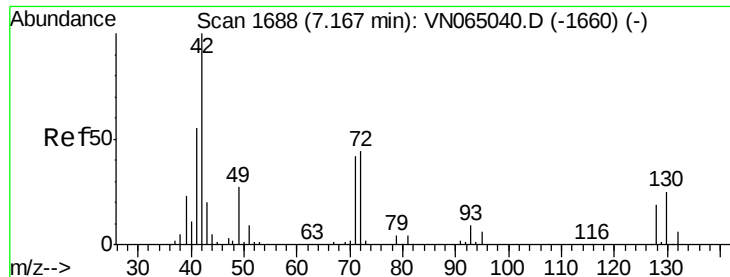


Abundance Ion 48.90 (48.60 to 49.60): VN065040.D (-1662) (-)

Ion 128.80 (128.50 to 129.50): VN065040.D (-1662) (-)

Ion 129.80 (129.50 to 130.50): VN065040.D (-1662) (-)

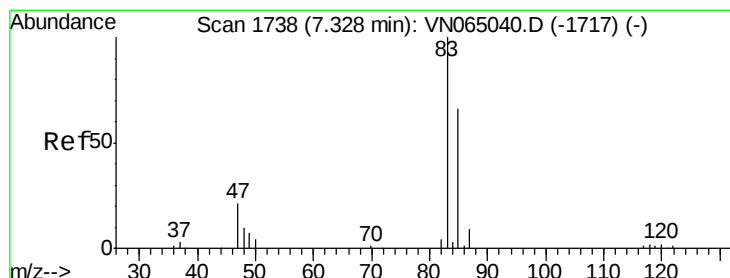
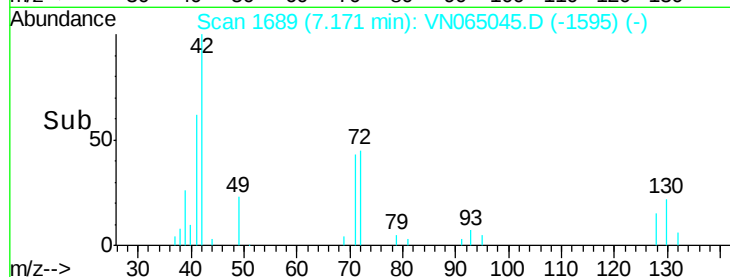
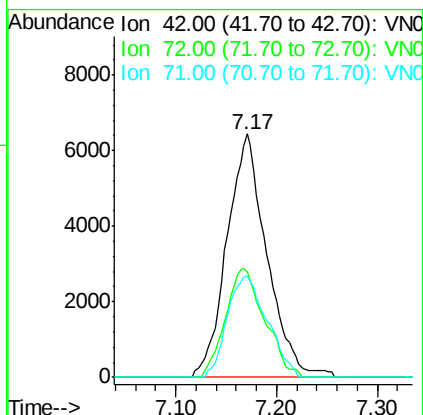
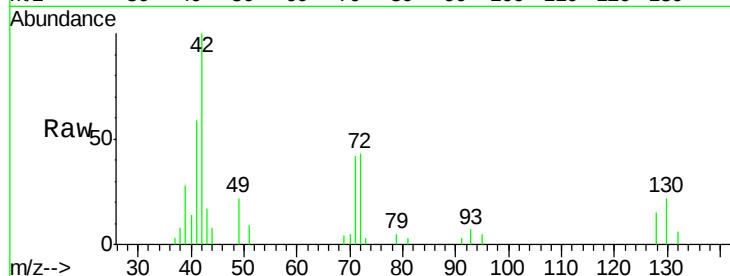




#29
Tetrahydrofuran
Concen: 22.907 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VN065045.D
Acq: 10 Dec 2020 15:13

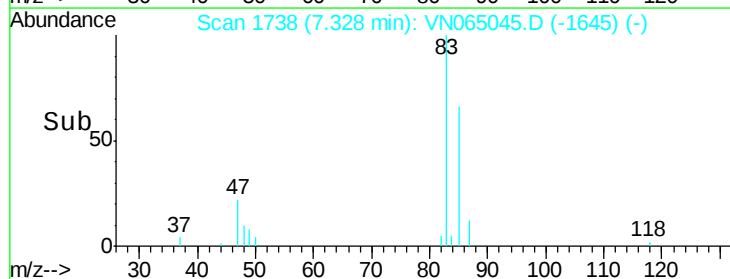
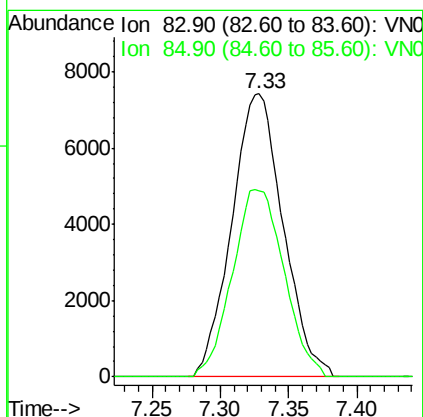
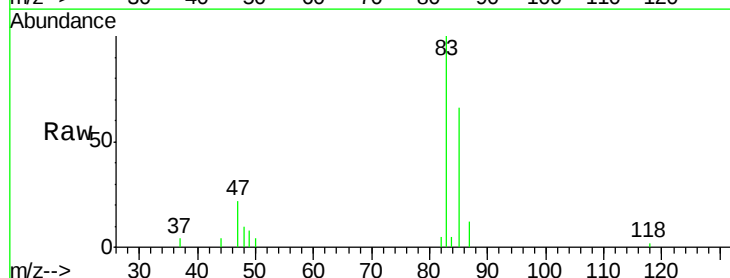
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

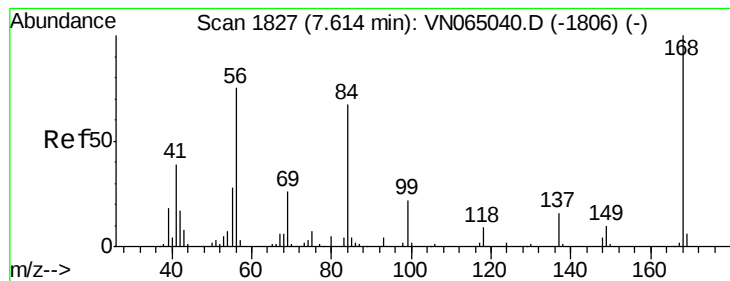
Tgt Ion: 42 Resp: 17732
Ion Ratio Lower Upper
42 100
72 43.7 35.8 53.6
71 41.6 33.5 50.3



#30
Chloroform
Concen: 5.324 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN065045.D
Acq: 10 Dec 2020 15:13

Tgt Ion: 83 Resp: 19438
Ion Ratio Lower Upper
83 100
85 65.8 52.6 78.8





#31

Cyclohexane

Concen: 5.775 ug/l

RT: 7.62 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN065045.D

Acq: 10 Dec 2020 15:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

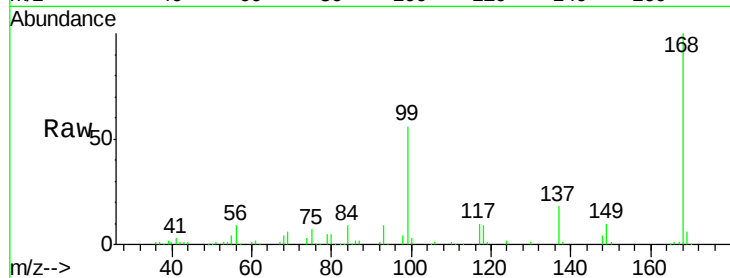
Tgt Ion: 56 Resp: 16936

Ion Ratio Lower Upper

56 100

69 65.1 27.5 41.3#

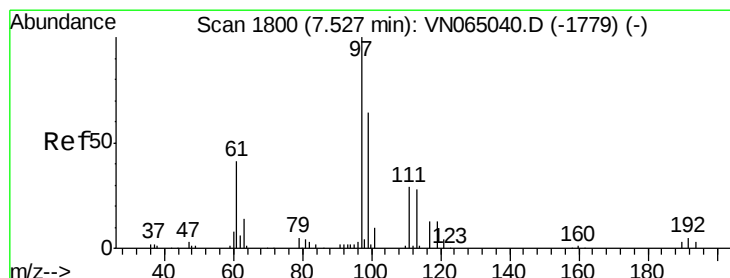
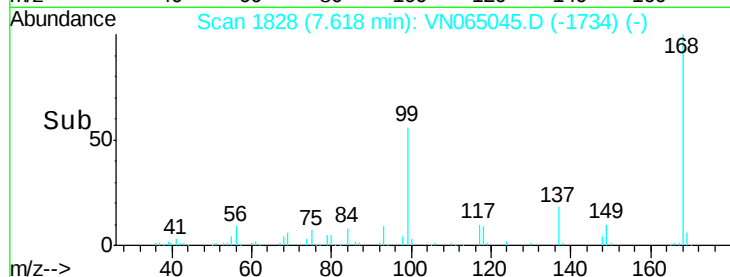
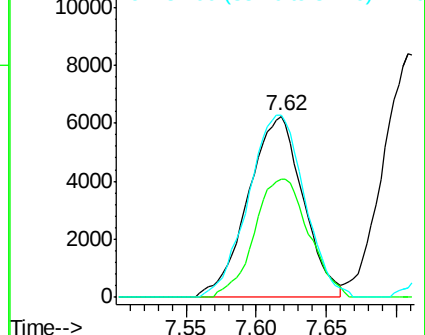
84 100.1 72.4 108.6



Abundance Ion 56.00 (55.70 to 56.70): VN065040.D (-1806) (-)

Ion 69.00 (68.70 to 69.70): VN065040.D (-1806) (-)

Ion 84.00 (83.70 to 84.70): VN065040.D (-1806) (-)



#32

1,1,1-Trichloroethane

Concen: 5.372 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN065045.D

Acq: 10 Dec 2020 15:13

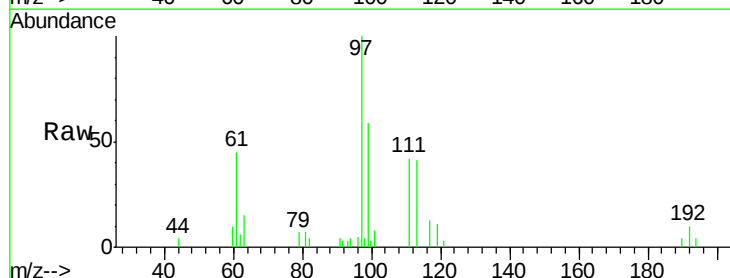
Tgt Ion: 97 Resp: 16770

Ion Ratio Lower Upper

97 100

99 64.4 51.7 77.5

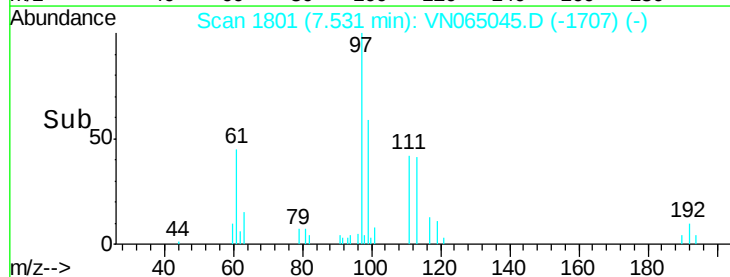
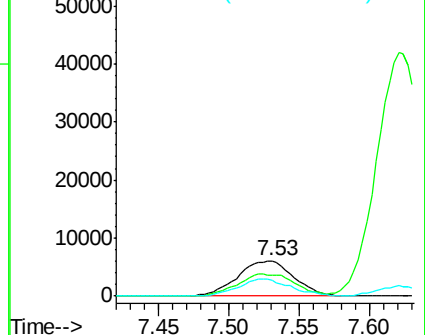
61 44.8 33.5 50.3

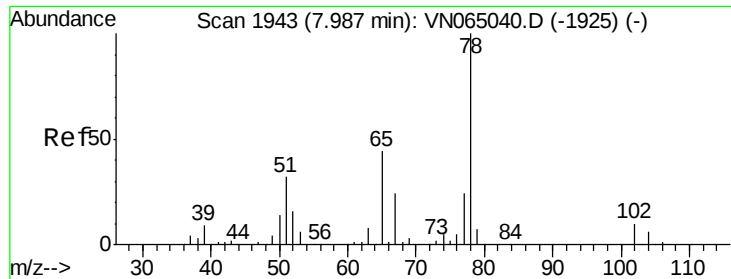


Abundance Ion 96.90 (96.60 to 97.60): VN065040.D (-1779) (-)

Ion 98.90 (98.60 to 99.60): VN065040.D (-1779) (-)

Ion 60.90 (60.60 to 61.60): VN065040.D (-1779) (-)

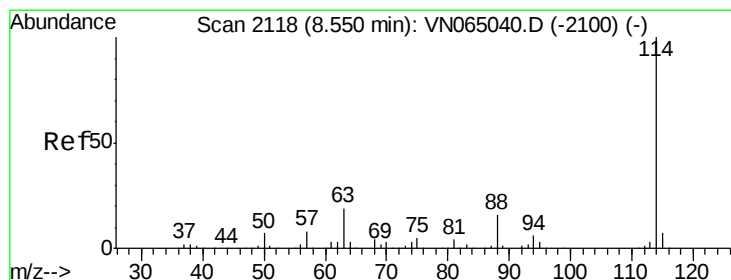
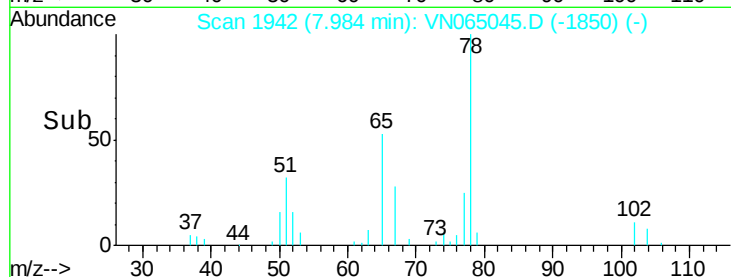
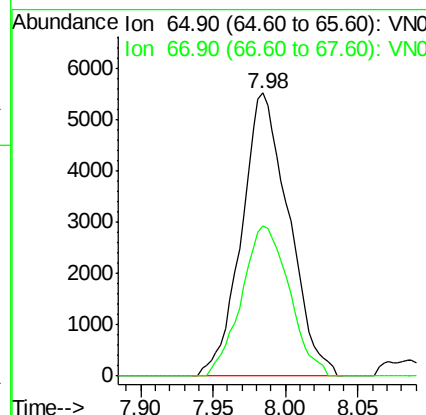
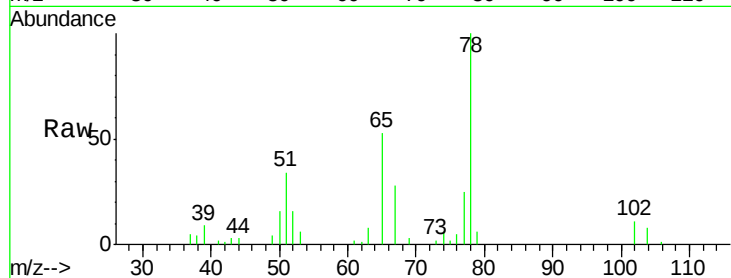




#33
 1,2-Dichloroethane-d4
 Concen: 5.795 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN065045.D
 Acq: 10 Dec 2020 15:13

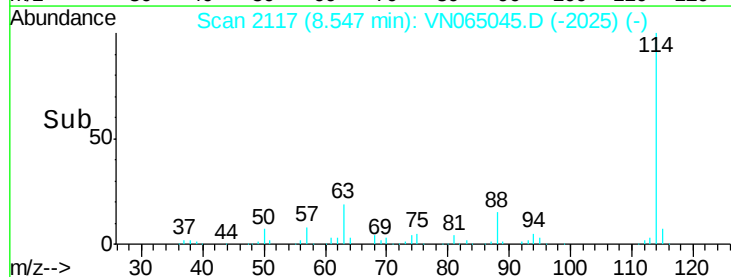
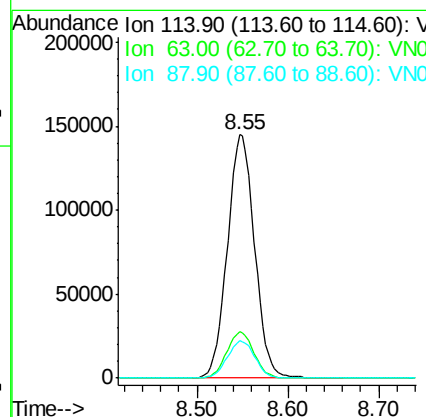
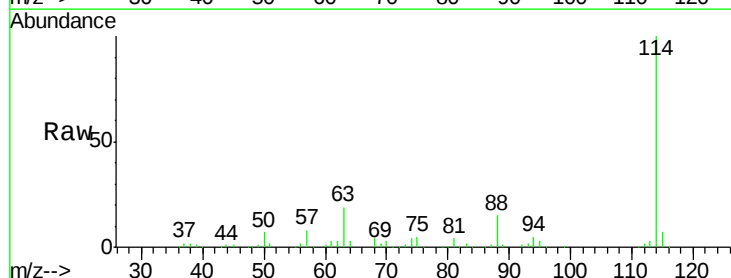
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

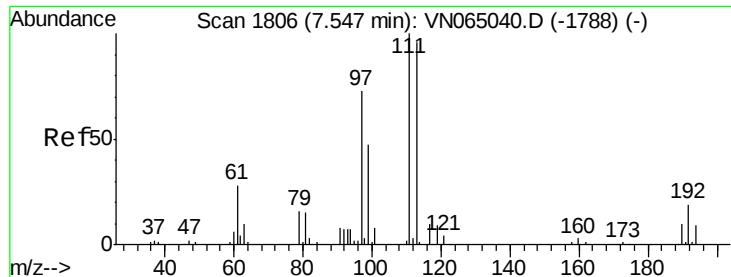
Tgt Ion: 65 Resp: 12498
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN065045.D
 Acq: 10 Dec 2020 15:13

Tgt Ion: 114 Resp: 300677
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 38.2
 88 15.2 0.0 31.6

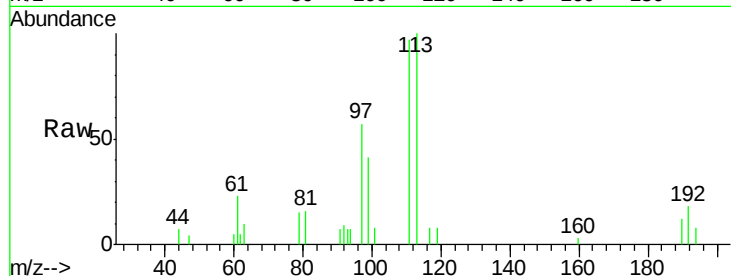




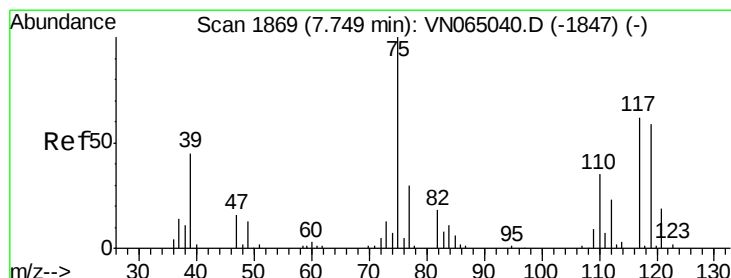
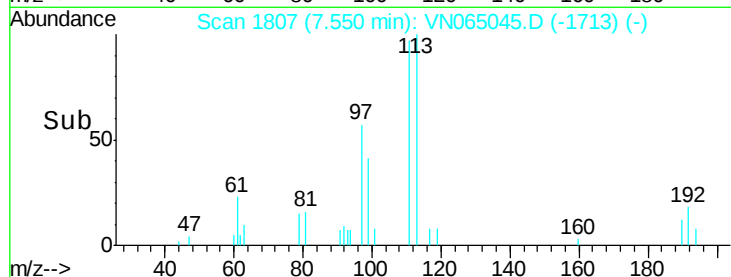
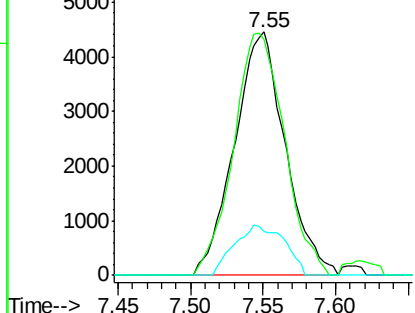
#35
 Dibromofluoromethane
 Concen: 5.951 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN065045.D
 Acq: 10 Dec 2020 15:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion: 113 Resp: 10870
 Ion Ratio Lower Upper
 113 100
 111 99.7 83.4 125.0
 192 20.1 16.2 24.2

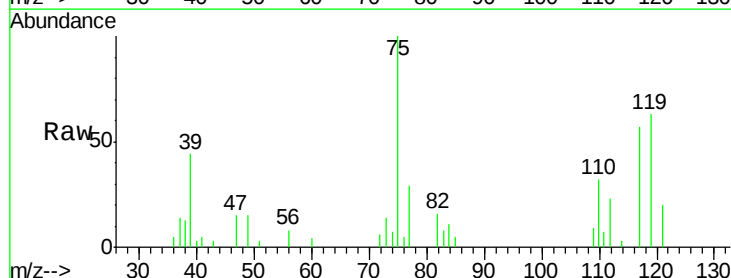


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

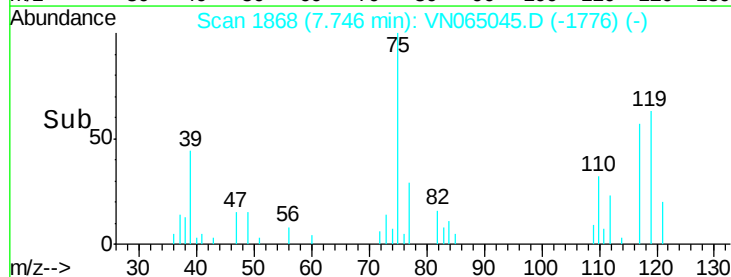
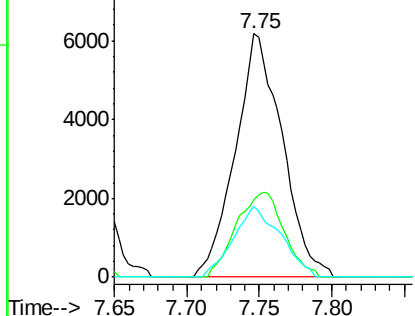


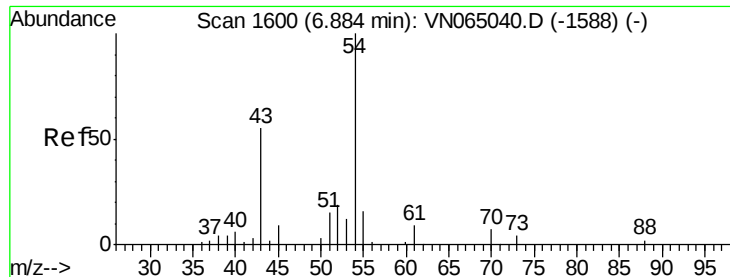
#36
 1,1-Dichloropropene
 Concen: 5.026 ug/l
 RT: 7.75 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VN065045.D
 Acq: 10 Dec 2020 15:13

Tgt Ion: 75 Resp: 13879
 Ion Ratio Lower Upper
 75 100
 110 35.6 18.1 54.1
 77 29.3 24.5 36.7



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

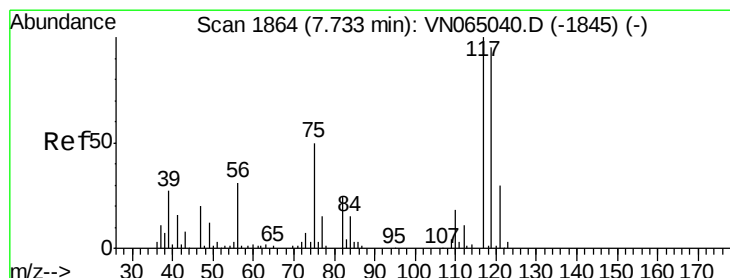
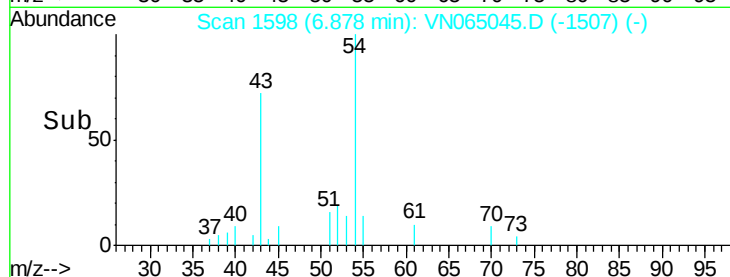
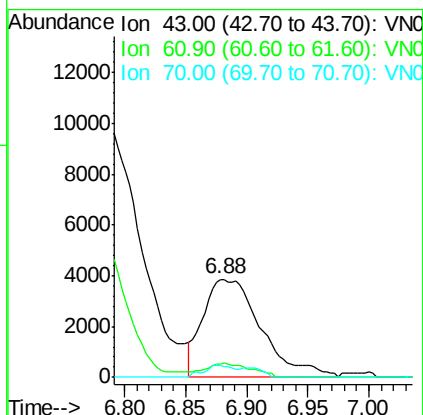
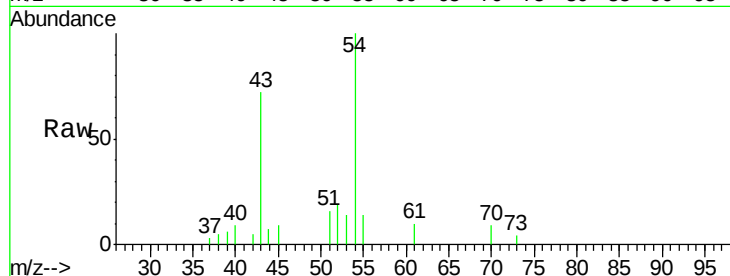




#37
Ethyl Acetate
Concen: 4.898 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. -0.01 min
Lab File: VN065045.D
Acq: 10 Dec 2020 15:13

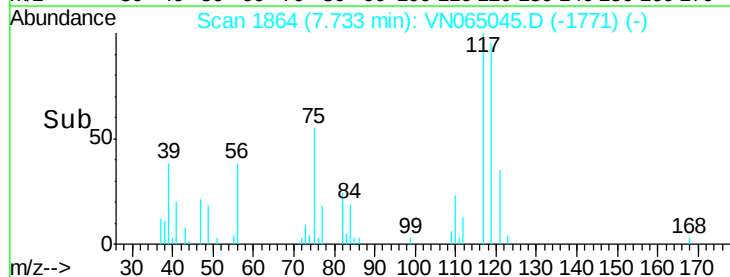
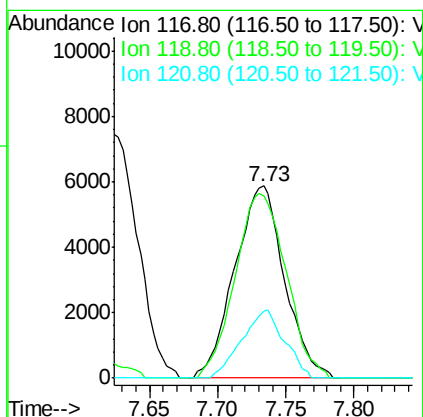
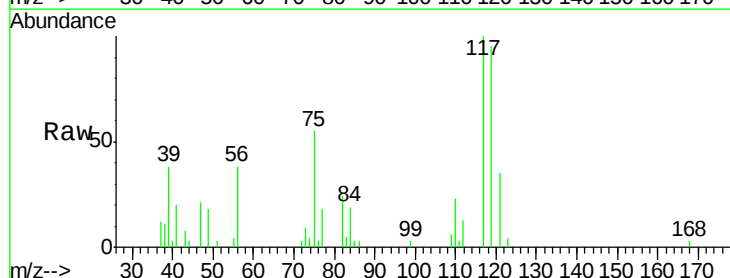
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

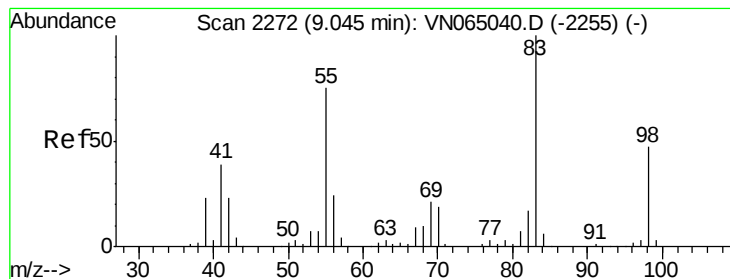
Tgt Ion: 43 Resp: 12828
Ion Ratio Lower Upper
43 100
61 11.3 11.9 17.9#
70 6.6 9.2 13.8#



#38
Carbon Tetrachloride
Concen: 5.179 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN065045.D
Acq: 10 Dec 2020 15:13

Tgt Ion: 117 Resp: 14904
Ion Ratio Lower Upper
117 100
119 94.7 75.9 113.9
121 35.0 24.1 36.1





#39

Methylcyclohexane

Concen: 4.625 ug/l

RT: 9.04 min Scan# 2271

Delta R.T. -0.00 min

Lab File: VN065045.D

Acq: 10 Dec 2020 15:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

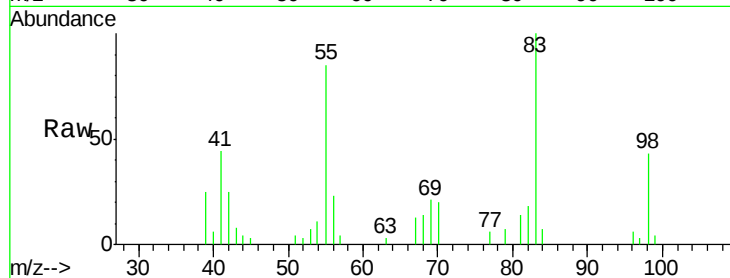
Tgt Ion: 83 Resp: 13538

Ion Ratio Lower Upper

83 100

55 85.5 60.3 90.5

98 43.3 37.4 56.0

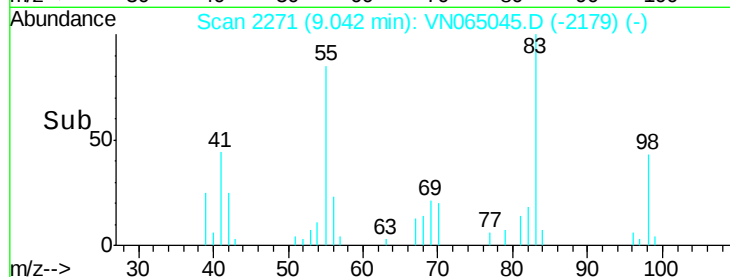


Abundance Ion 83.00 (82.70 to 83.70): VN065040.D (-2255) (-)

Ion 55.00 (54.70 to 55.70): VN065040.D (-2255) (-)

Ion 98.00 (97.70 to 98.70): VN065040.D (-2255) (-)

Time-->

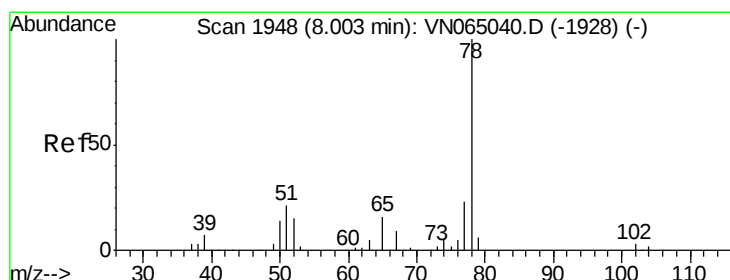


Abundance Ion 83.00 (82.70 to 83.70): VN065045.D (-2179) (-)

Ion 55.00 (54.70 to 55.70): VN065045.D (-2179) (-)

Ion 98.00 (97.70 to 98.70): VN065045.D (-2179) (-)

Time-->



#40

Benzene

Concen: 5.174 ug/l

RT: 8.00 min Scan# 1946

Delta R.T. -0.01 min

Lab File: VN065045.D

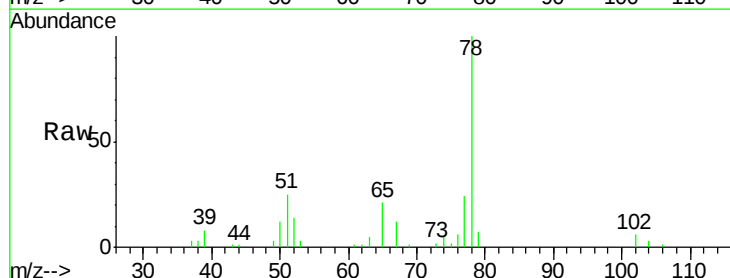
Acq: 10 Dec 2020 15:13

Tgt Ion: 78 Resp: 43788

Ion Ratio Lower Upper

78 100

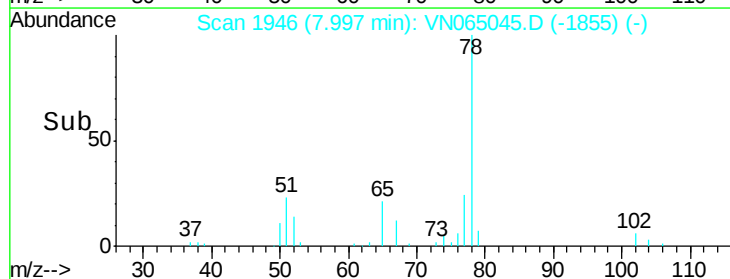
77 23.6 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VN065040.D (-1928) (-)

Ion 77.00 (76.70 to 77.70): VN065040.D (-1928) (-)

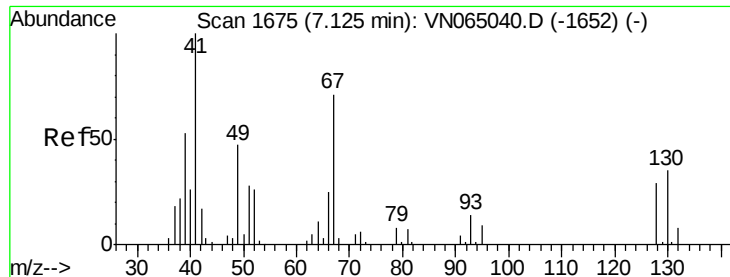
Time-->



Abundance Ion 78.00 (77.70 to 78.70): VN065045.D (-1855) (-)

Ion 77.00 (76.70 to 77.70): VN065045.D (-1855) (-)

Time-->



#41

Methacrylonitrile

Concen: 5.035 ug/l

RT: 7.13 min Scan# 1675

Delta R.T. 0.00 min

Lab File: VN065045.D

Acq: 10 Dec 2020 15:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 41 Resp: 6357

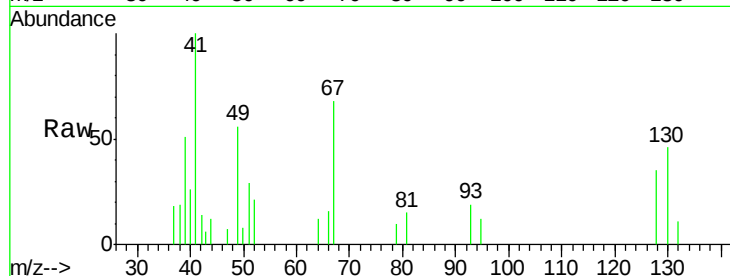
Ion Ratio Lower Upper

41 100

39 45.9 36.0 54.0

67 69.5 64.8 97.2

52 12.9 25.4 38.2#

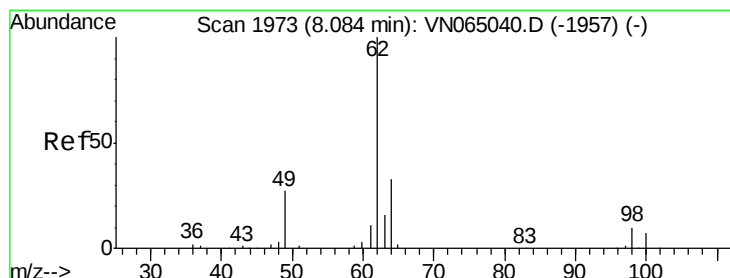
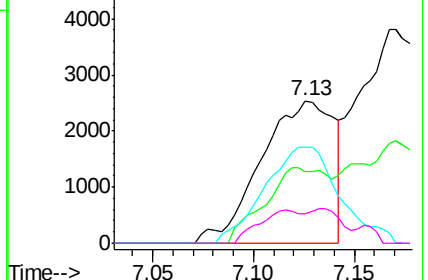
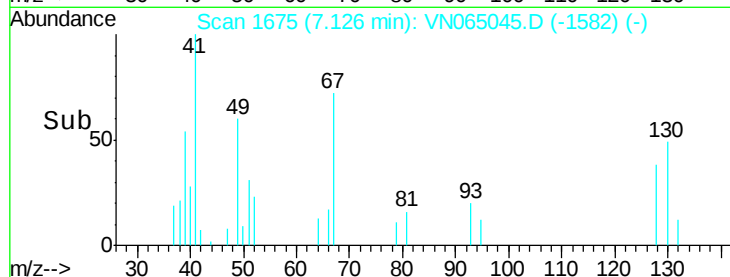


Abundance Ion 41.00 (40.70 to 41.70): VN065040.D (-1652) (-)

Ion 39.00 (38.70 to 39.70): VN065040.D (-1652) (-)

Ion 67.00 (66.70 to 67.70): VN065040.D (-1652) (-)

Ion 52.00 (51.70 to 52.70): VN065040.D (-1652) (-)



#42

1,2-Dichloroethane

Concen: 5.320 ug/l

RT: 8.08 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VN065045.D

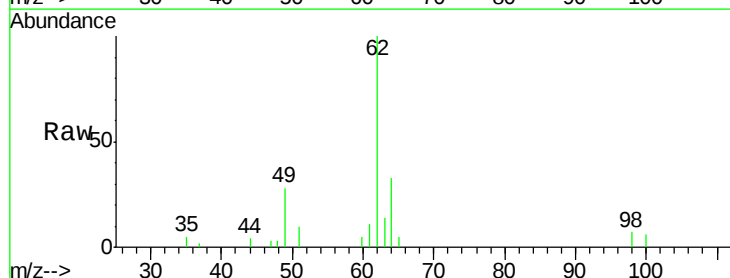
Acq: 10 Dec 2020 15:13

Tgt Ion: 62 Resp: 15215

Ion Ratio Lower Upper

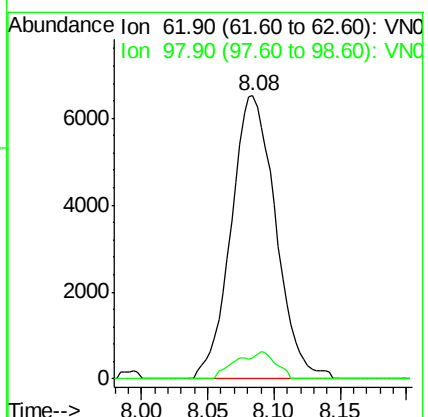
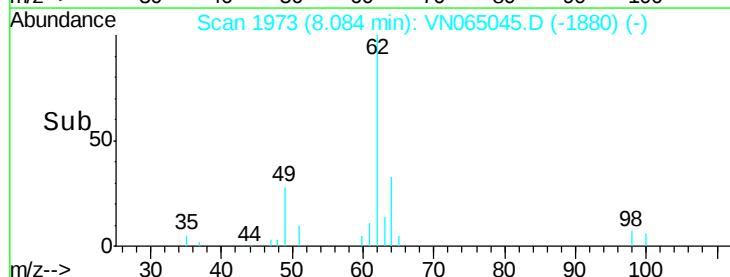
62 100

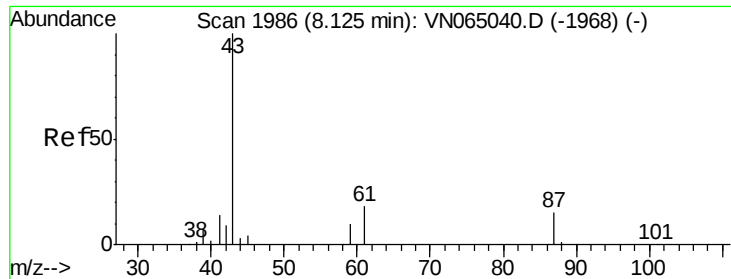
98 8.5 0.0 19.8



Abundance Ion 61.90 (61.60 to 62.60): VN065040.D (-1957) (-)

Ion 97.90 (97.60 to 98.60): VN065040.D (-1957) (-)





#43

Isopropyl Acetate

Concen: 4.842 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN065045.D

Acq: 10 Dec 2020 15:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

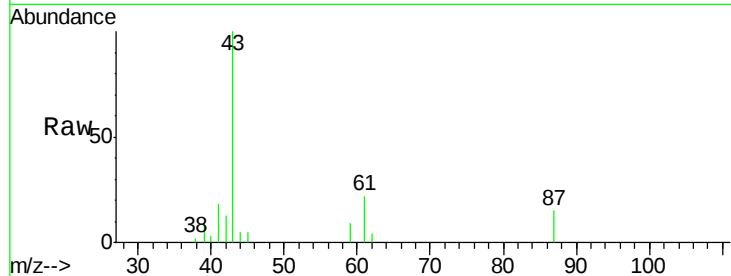
Tgt Ion: 43 Resp: 20536

Ion Ratio Lower Upper

43 100

61 19.3 16.9 25.3

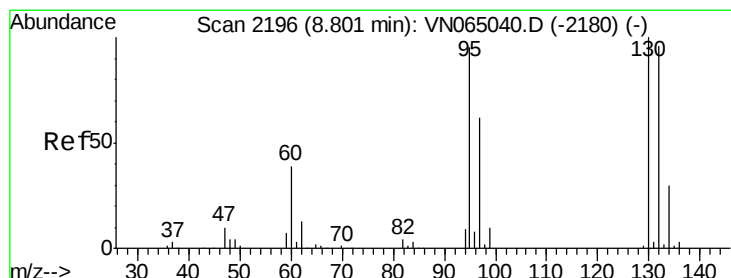
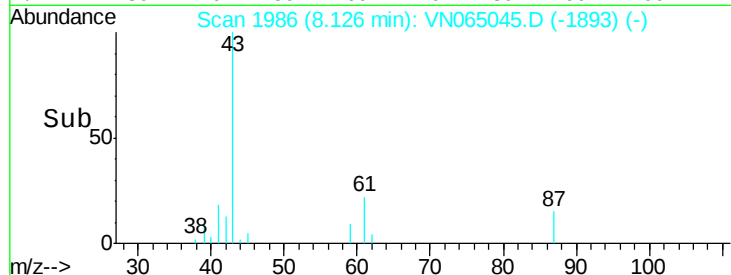
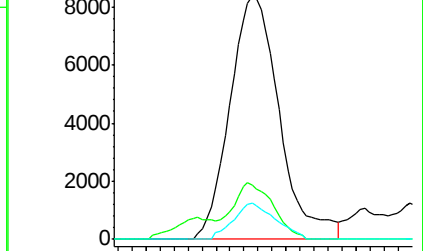
87 12.6 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VN065040.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN065040.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN065040.D (-1968) (-)



#44

Trichloroethene

Concen: 4.888 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN065045.D

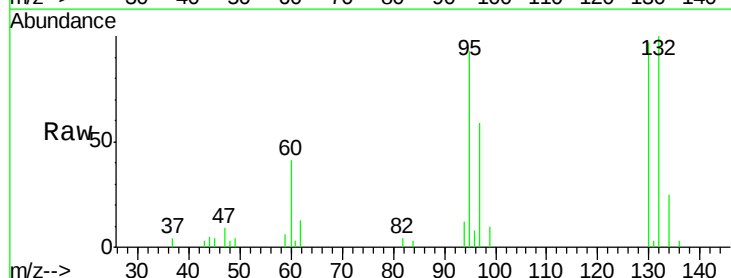
Acq: 10 Dec 2020 15:13

Tgt Ion: 130 Resp: 12154

Ion Ratio Lower Upper

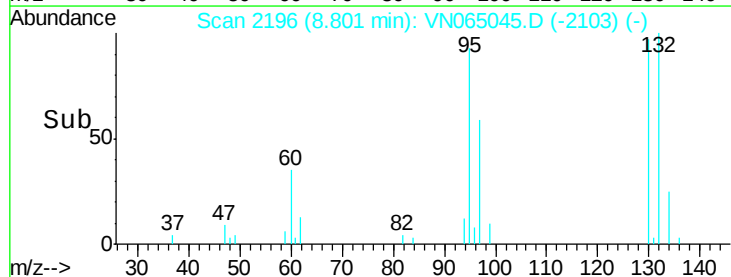
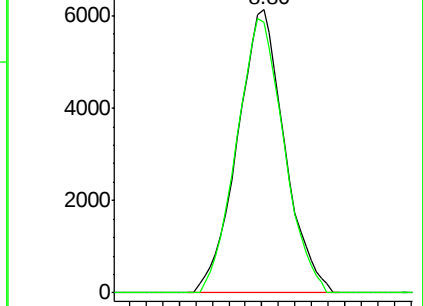
130 100

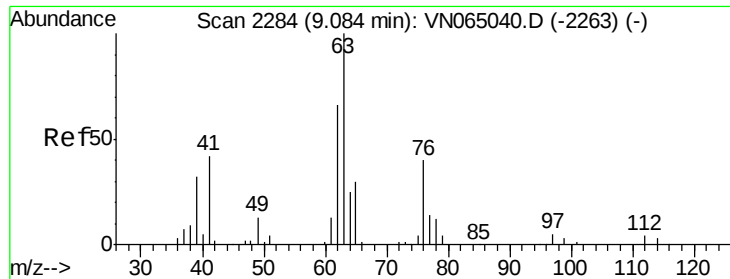
95 95.8 0.0 190.2



Abundance Ion 129.80 (129.50 to 130.50): VN065040.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN065040.D (-2180) (-)





#45

1,2-Dichloropropane

Concen: 5.081 ug/l

RT: 9.08 min Scan# 2283

Delta R.T. -0.00 min

Lab File: VN065045.D

Acq: 10 Dec 2020 15:13

Instrument :

MSVOA_N

ClientSampleId :

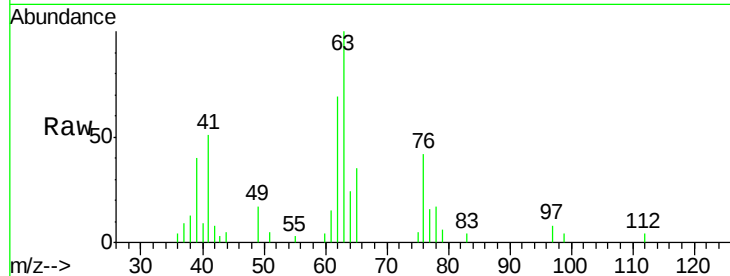
VSTDIC005

Tgt Ion: 63 Resp: 11231

Ion Ratio Lower Upper

63 100

65 35.2 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VN065040.D (-2263) (-)

Ion 64.90 (64.60 to 65.60): VN065040.D (-2263) (-)

9.08

6000

5000

4000

3000

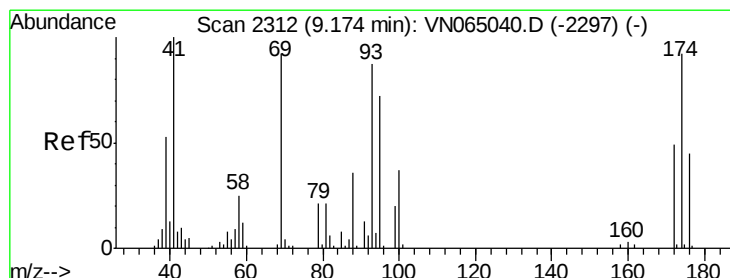
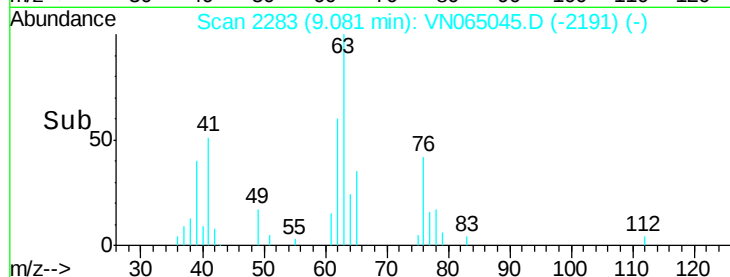
2000

1000

0

Time-->

9.00 9.05 9.10 9.15



#46

Dibromomethane

Concen: 4.975 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN065045.D

Acq: 10 Dec 2020 15:13

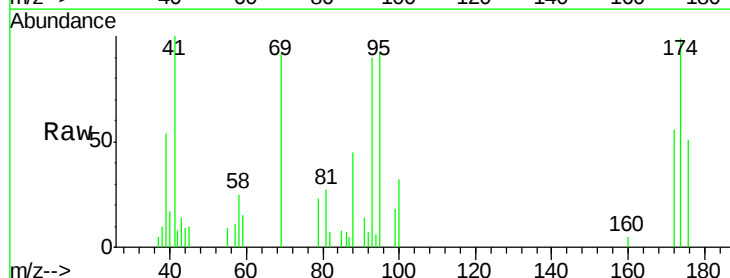
Tgt Ion: 93 Resp: 7320

Ion Ratio Lower Upper

93 100

95 89.5 65.7 98.5

174 107.7 83.0 124.4



Abundance Ion 92.80 (92.50 to 93.50): VN065040.D (-2297) (-)

Ion 94.80 (94.50 to 95.50): VN065040.D (-2297) (-)

Ion 173.70 (173.40 to 174.40): VN065040.D (-2297) (-)

5000

4000

3000

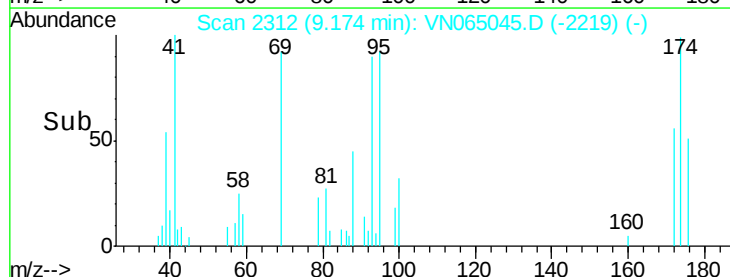
2000

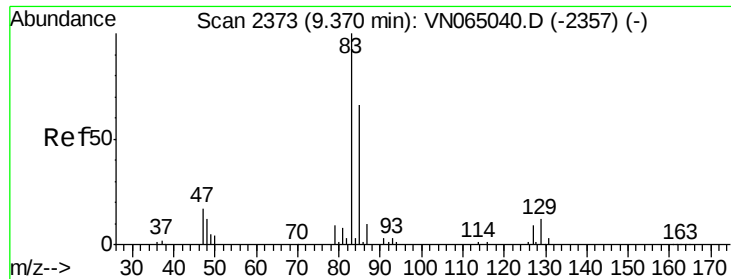
1000

0

Time-->

9.10 9.15 9.20





#47

Bromodichloromethane

Concen: 5.059 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN065045.D

Acq: 10 Dec 2020 15:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

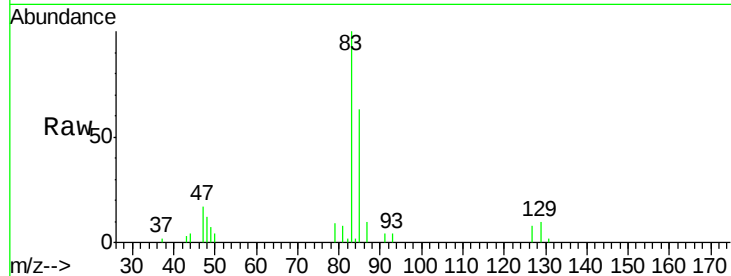
Tgt Ion: 83 Resp: 14976

Ion Ratio Lower Upper

83 100

85 63.4 52.5 78.7

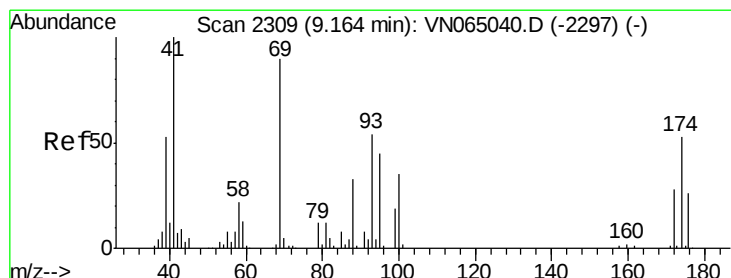
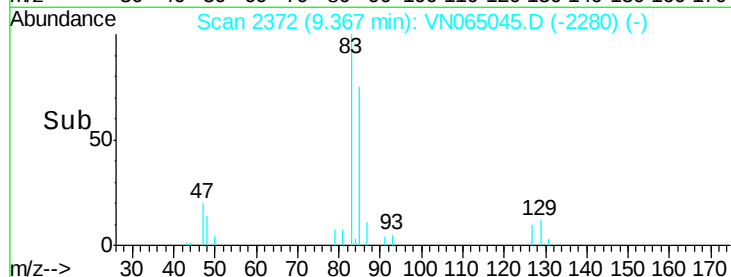
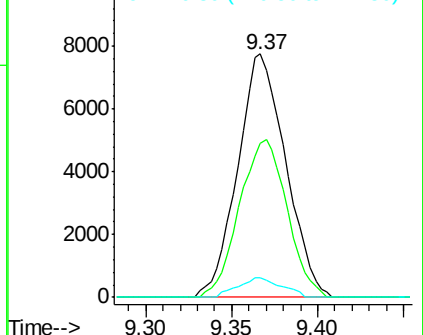
127 8.0 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VN065045.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN065045.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN065045.D (-2280) (-)



#48

Methyl methacrylate

Concen: 4.330 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN065045.D

Acq: 10 Dec 2020 15:13

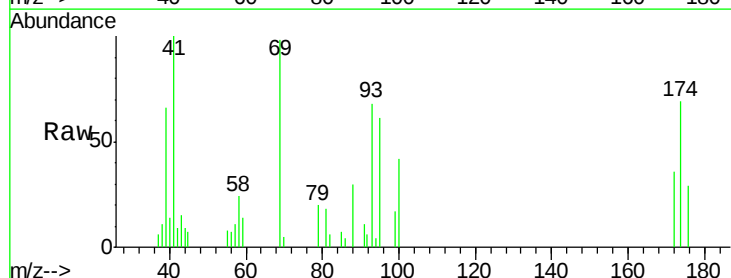
Tgt Ion: 41 Resp: 8773

Ion Ratio Lower Upper

41 100

69 93.6 72.1 108.1

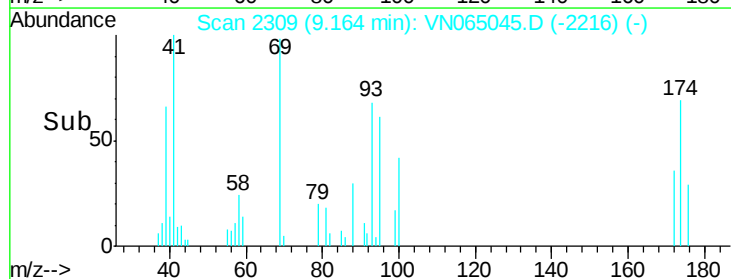
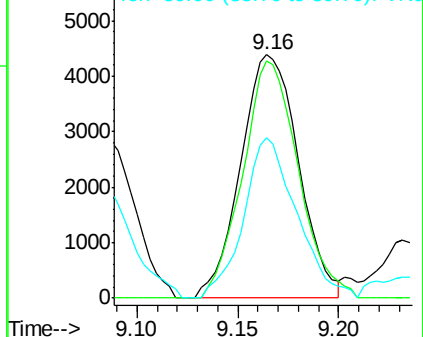
39 60.5 43.8 65.6

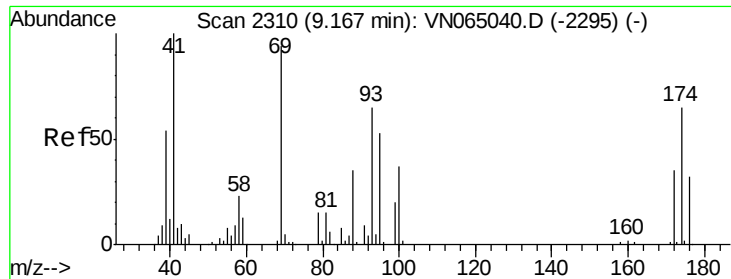


Abundance Ion 41.00 (40.70 to 41.70): VN065045.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN065045.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN065045.D (-2216) (-)

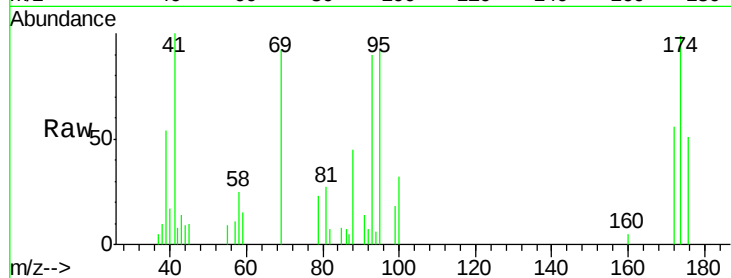




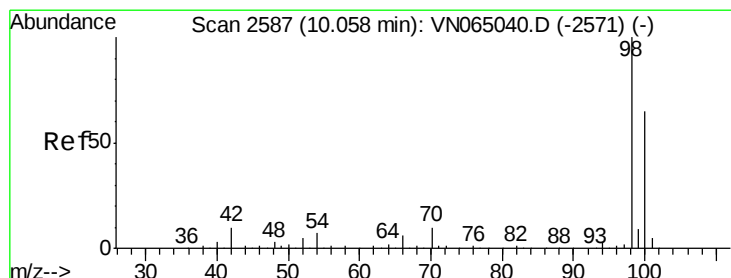
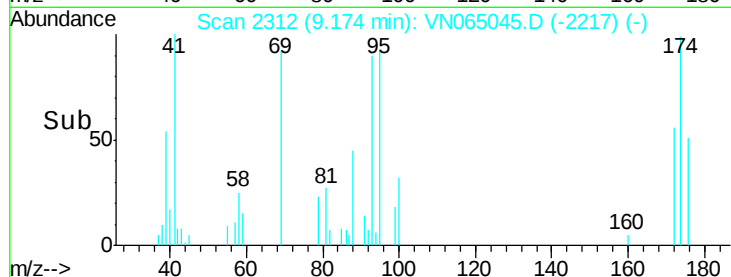
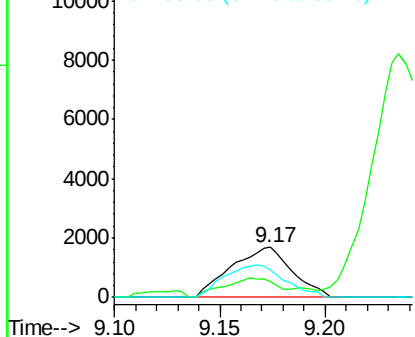
#49
1,4-Dioxane
Concen: 88.425 ug/l
RT: 9.17 min Scan# 2312
Delta R.T. 0.01 min
Lab File: VN065045.D
Acq: 10 Dec 2020 15:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 88 Resp: 3379
Ion Ratio Lower Upper
88 100
43 34.0 21.1 31.7#
58 64.5 53.8 80.8

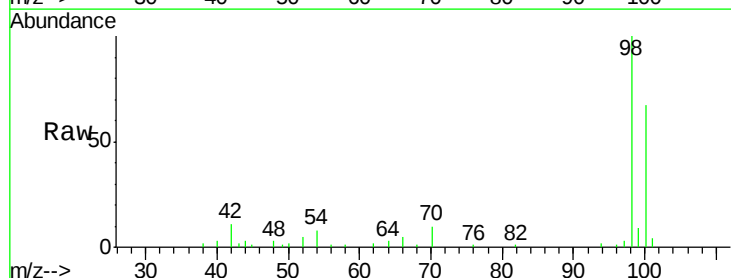


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

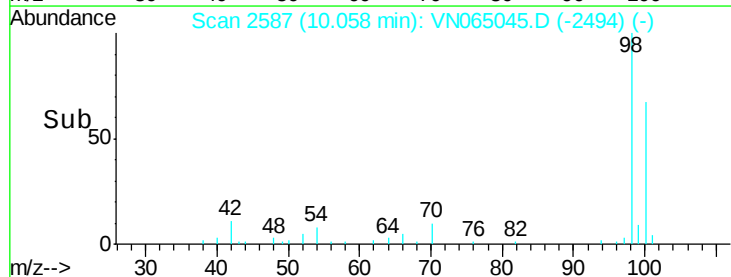
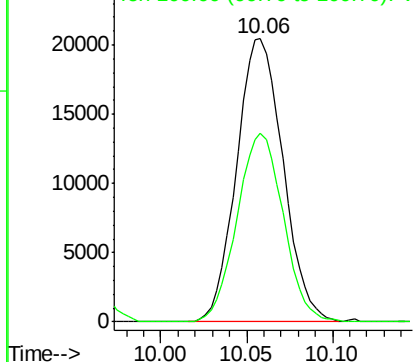


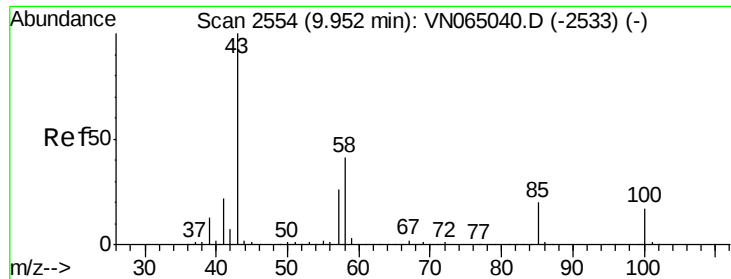
#50
Toluene-d8
Concen: 5.190 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN065045.D
Acq: 10 Dec 2020 15:13

Tgt Ion: 98 Resp: 38339
Ion Ratio Lower Upper
98 100
100 66.2 51.6 77.4



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: 22.649 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN065045.D

Acq: 10 Dec 2020 15:13

Instrument :

MSVOA_N

ClientSampleId :

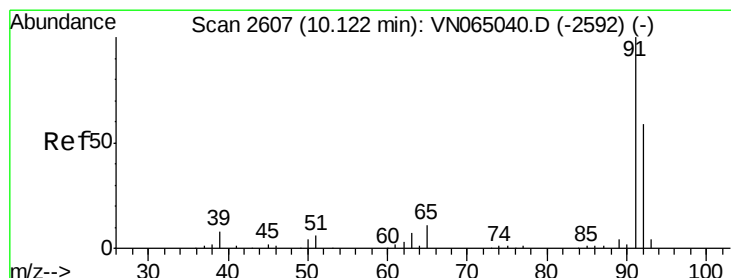
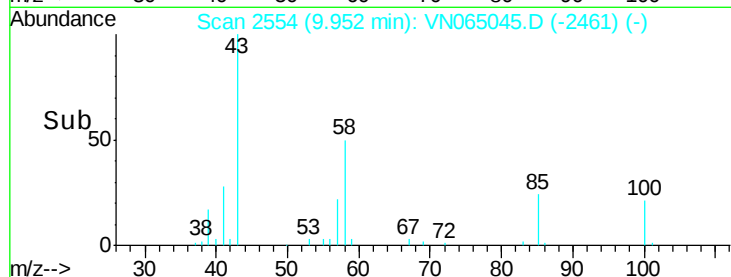
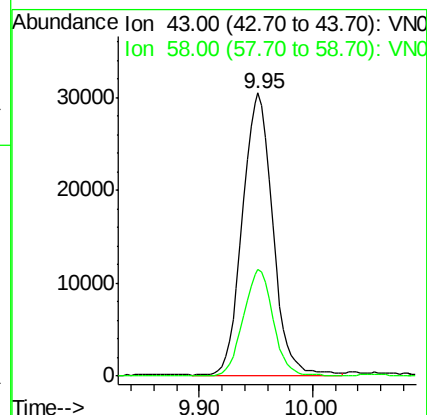
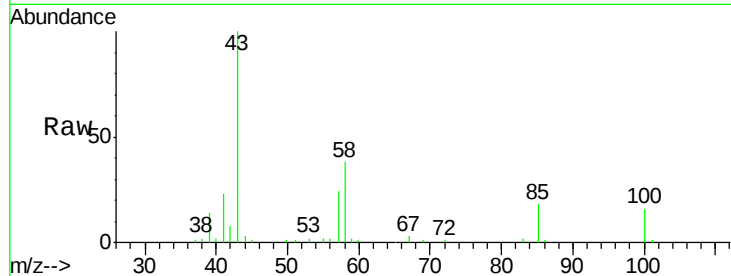
VSTDIC005

Tgt Ion: 43 Resp: 57612

Ion Ratio Lower Upper

43 100

58 36.4 32.4 48.6



#52

Toluene

Concen: 4.901 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN065045.D

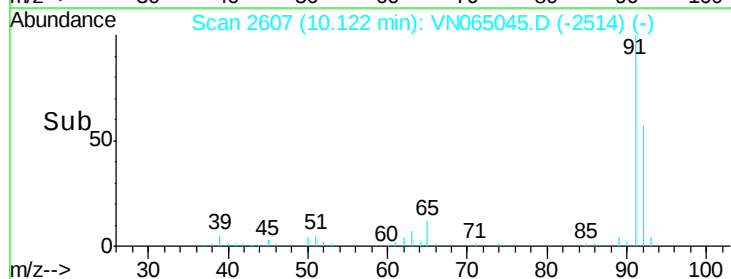
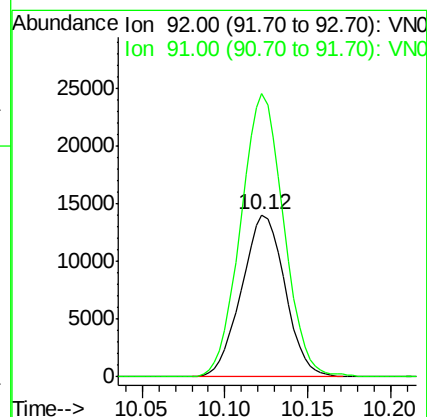
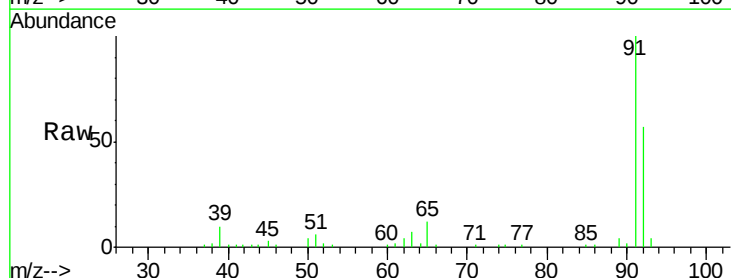
Acq: 10 Dec 2020 15:13

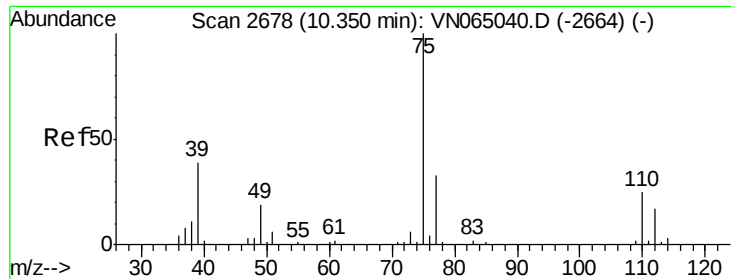
Tgt Ion: 92 Resp: 25613

Ion Ratio Lower Upper

92 100

91 172.7 137.9 206.9





#53

t-1,3-Dichloropropene

Concen: 4.481 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN065045.D

Acq: 10 Dec 2020 15:13

Instrument :

MSVOA_N

ClientSampleId :

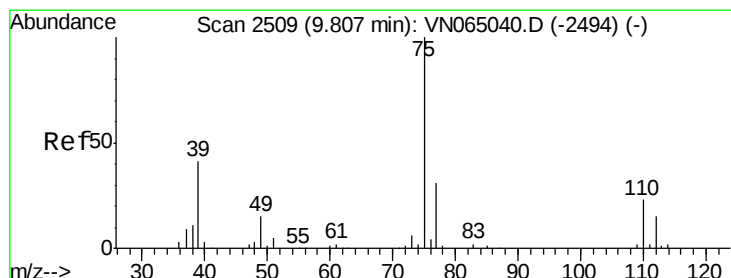
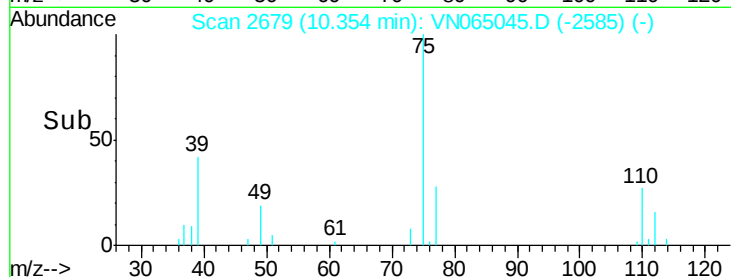
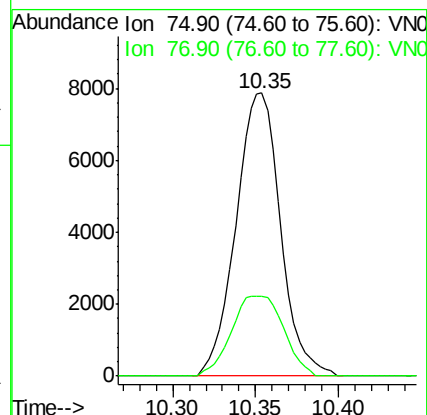
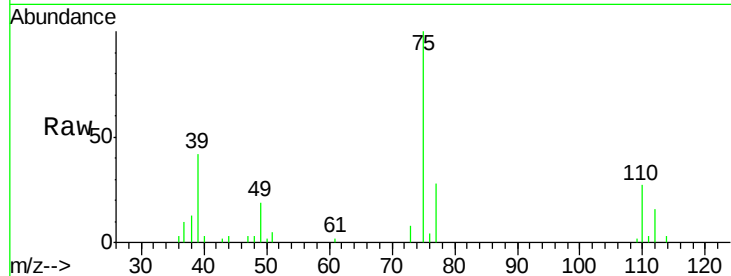
VSTDIC005

Tgt Ion: 75 Resp: 14705

Ion Ratio Lower Upper

75 100

77 28.3 26.0 39.0



#54

cis-1,3-Dichloropropene

Concen: 4.940 ug/l

RT: 9.80 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN065045.D

Acq: 10 Dec 2020 15:13

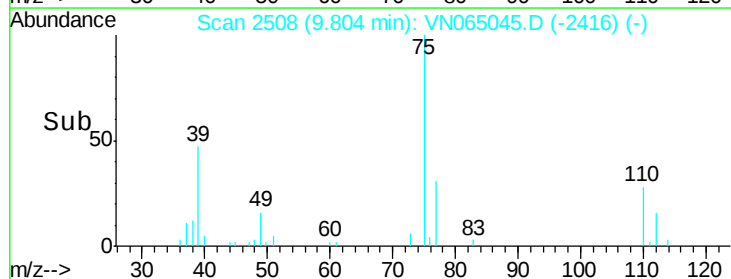
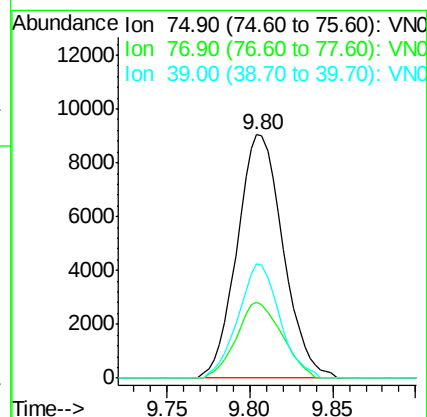
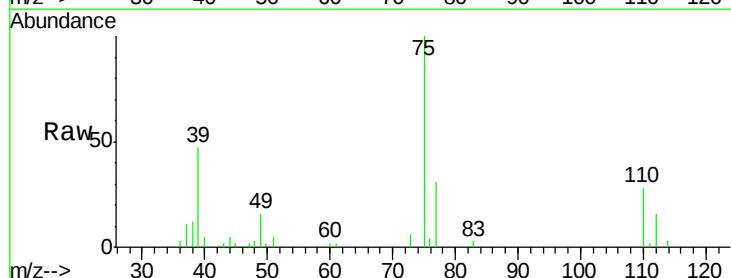
Tgt Ion: 75 Resp: 17417

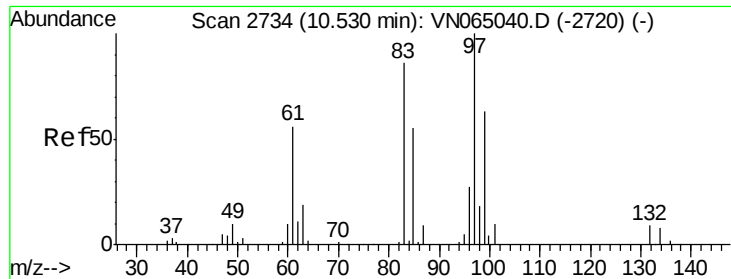
Ion Ratio Lower Upper

75 100

77 31.2 24.8 37.2

39 47.1 33.0 49.4





#55

1,1,2-Trichloroethane

Concen: 5.063 ug/l

RT: 10.53 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VN065045.D

Acq: 10 Dec 2020 15:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 97 Resp: 10953

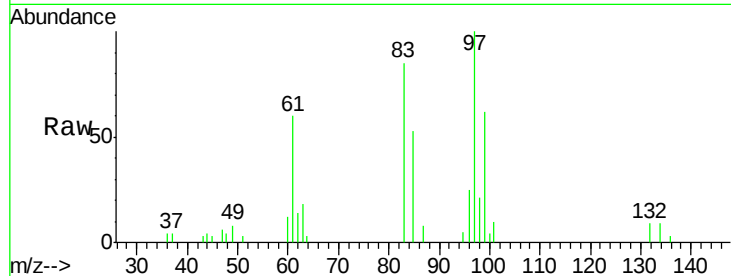
Ion Ratio Lower Upper

97 100

83 84.9 69.0 103.6

85 53.5 43.6 65.4

99 62.4 50.1 75.1

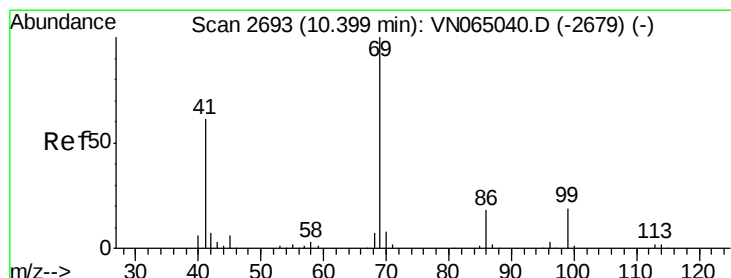
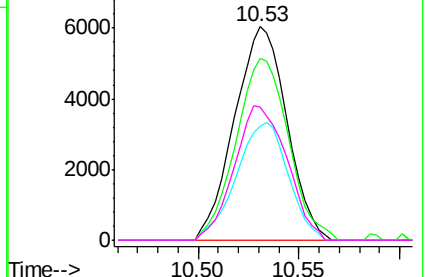
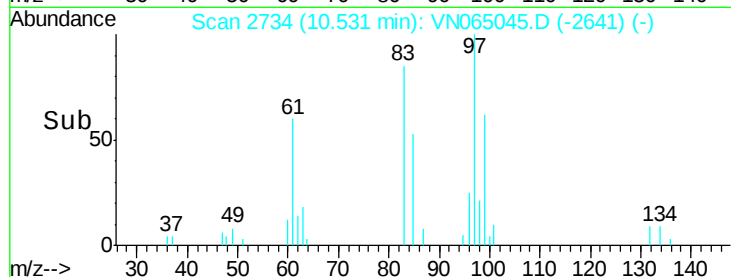


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 4.175 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN065045.D

Acq: 10 Dec 2020 15:13

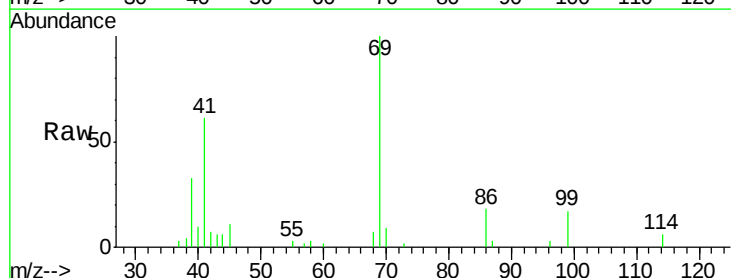
Tgt Ion: 69 Resp: 12246

Ion Ratio Lower Upper

69 100

41 61.6 48.2 72.2

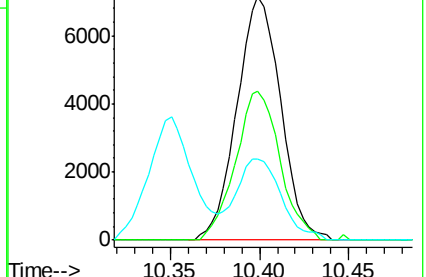
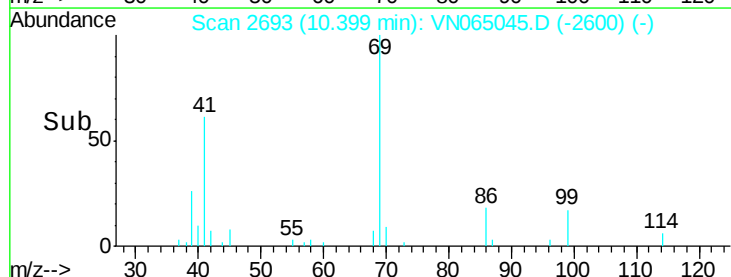
39 34.9 24.7 37.1

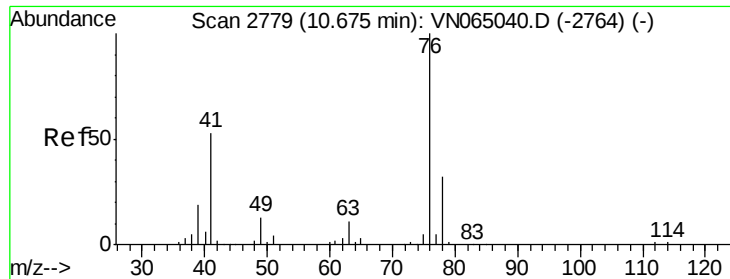


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

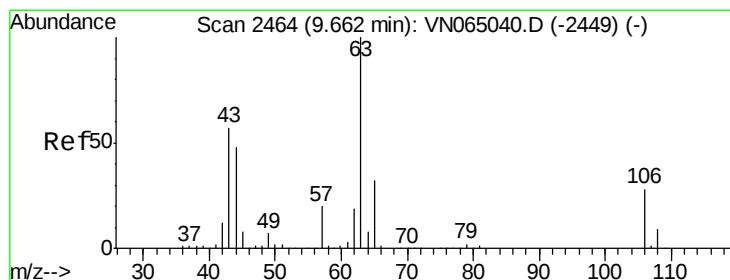
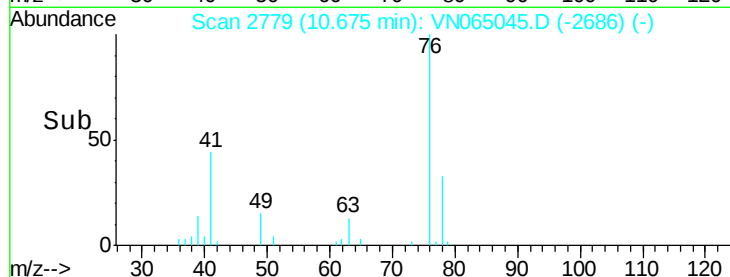
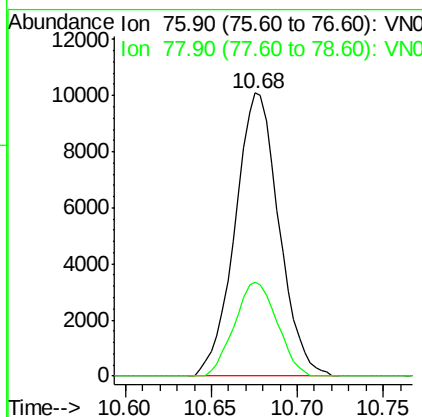
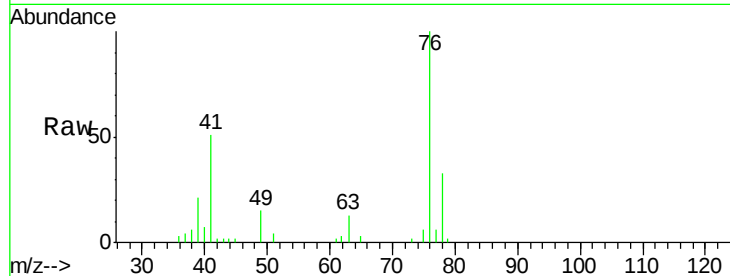




#57
 1,3-Dichloropropane
 Concen: 5.061 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN065045.D
 Acq: 10 Dec 2020 15:13

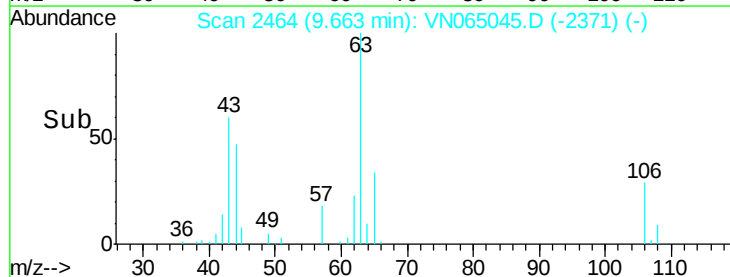
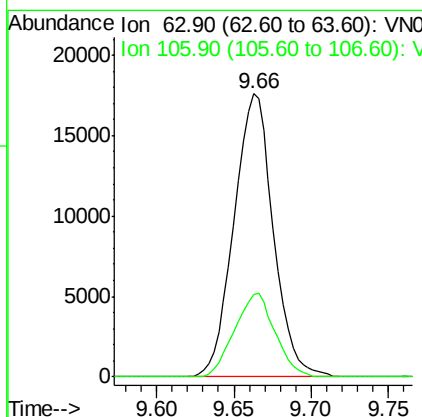
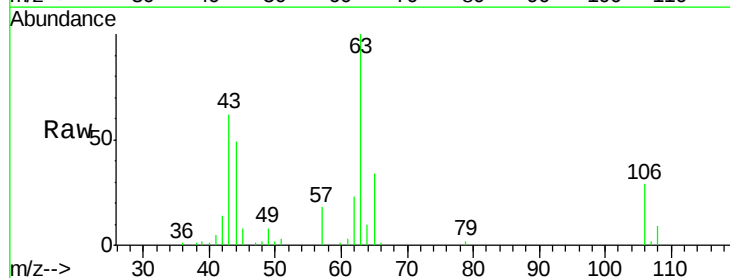
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

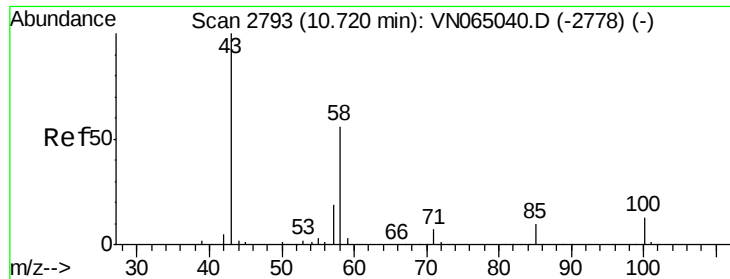
Tgt Ion: 76 Resp: 17940
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.5 39.7



#58
 2-Chloroethyl Vinyl ether
 Concen: 19.208 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN065045.D
 Acq: 10 Dec 2020 15:13

Tgt Ion: 63 Resp: 31059
 Ion Ratio Lower Upper
 63 100
 106 30.0 22.6 33.8

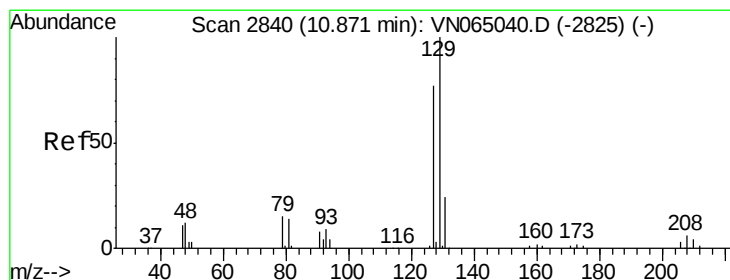
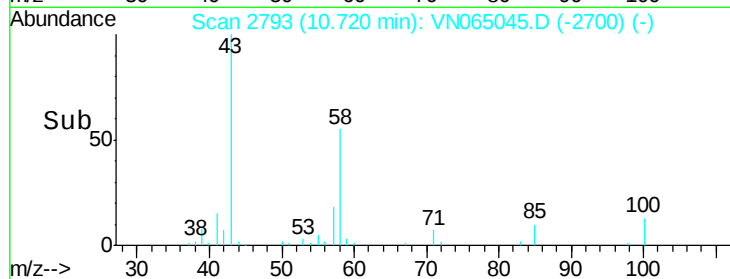
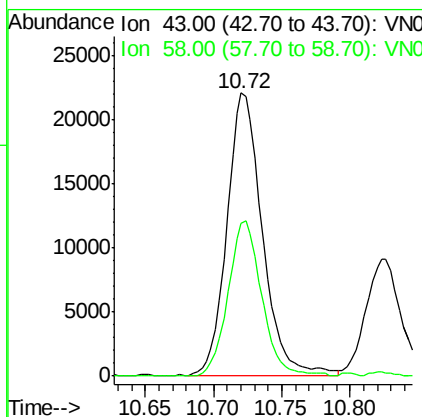
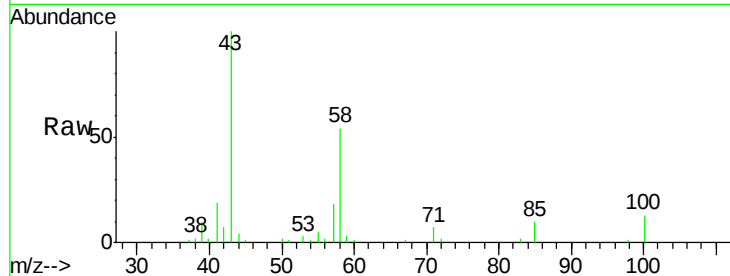




#59
2-Hexanone
Concen: 21.943 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN065045.D
Acq: 10 Dec 2020 15:13

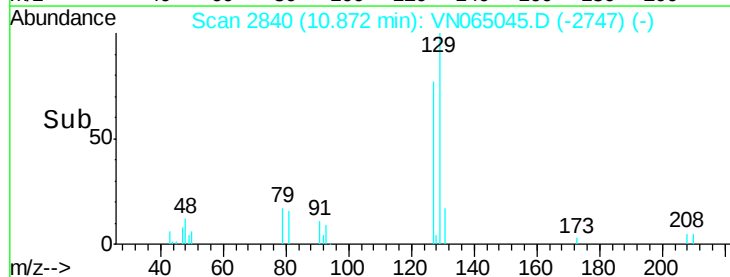
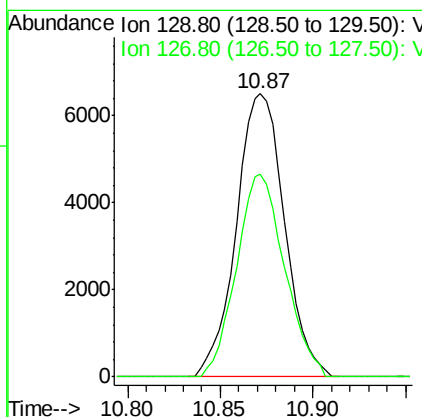
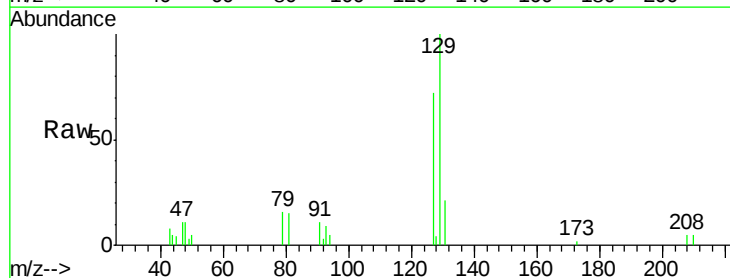
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

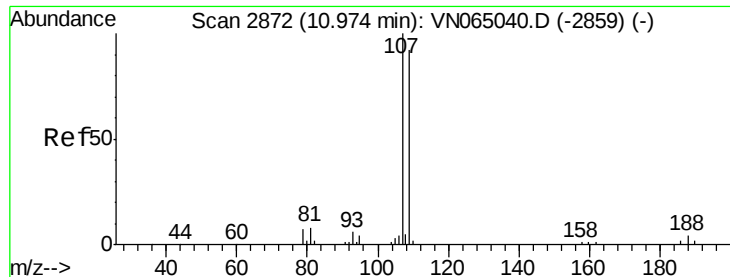
Tgt Ion: 43 Resp: 40134
Ion Ratio Lower Upper
43 100
58 51.7 28.3 84.9



#60
Dibromochloromethane
Concen: 4.905 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN065045.D
Acq: 10 Dec 2020 15:13

Tgt Ion: 129 Resp: 11743
Ion Ratio Lower Upper
129 100
127 71.1 38.4 115.1





#61

1,2-Dibromoethane

Concen: 4.941 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VN065045.D

Acq: 10 Dec 2020 15:13

Instrument :

MSVOA_N

ClientSampleId :

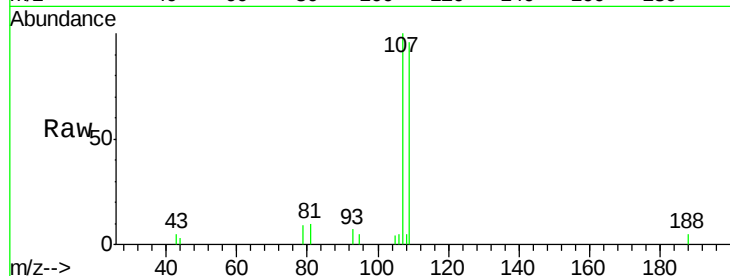
VSTDIC005

Tgt Ion: 107 Resp: 10792

Ion Ratio Lower Upper

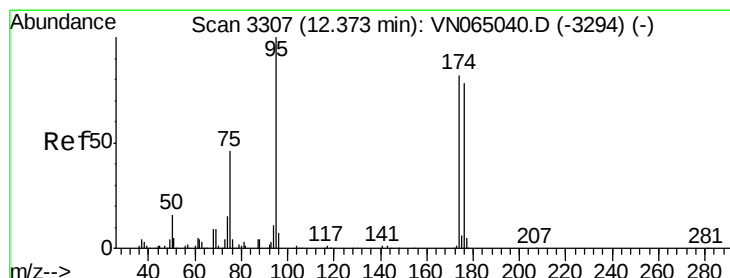
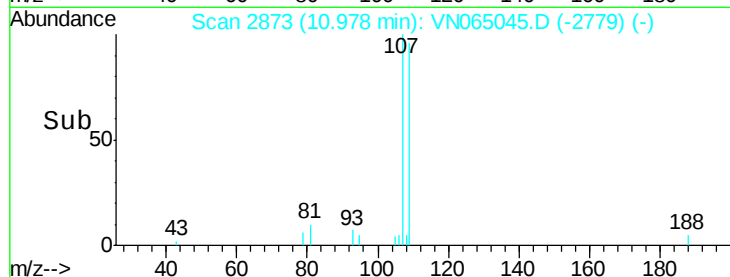
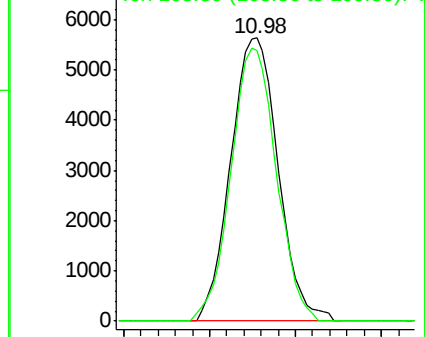
107 100

109 92.3 74.1 111.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 4.744 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN065045.D

Acq: 10 Dec 2020 15:13

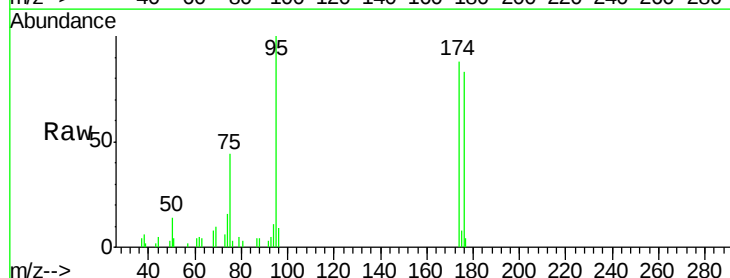
Tgt Ion: 95 Resp: 12481

Ion Ratio Lower Upper

95 100

174 87.6 0.0 164.8

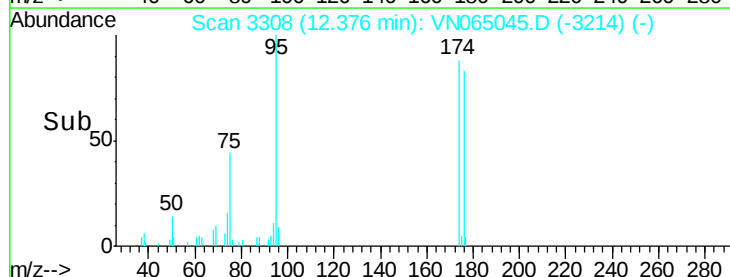
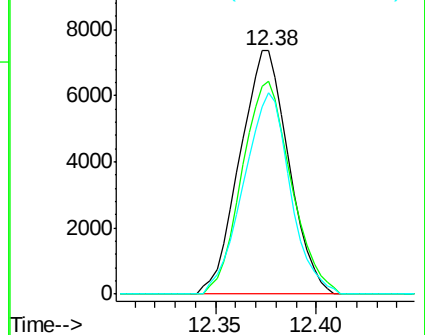
176 79.1 0.0 158.8

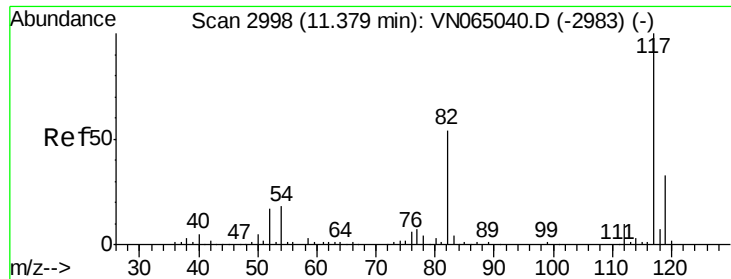


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

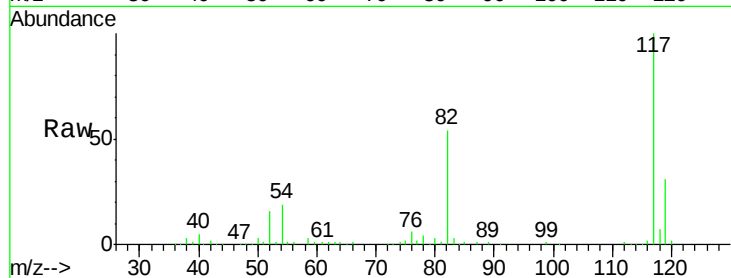




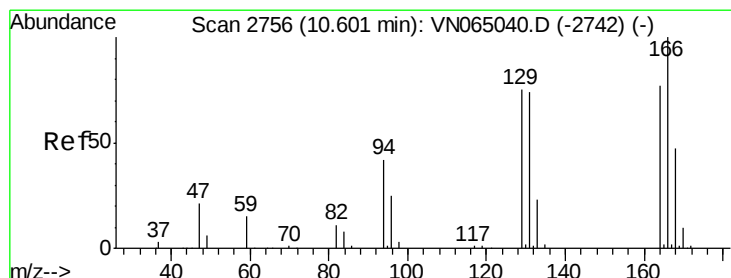
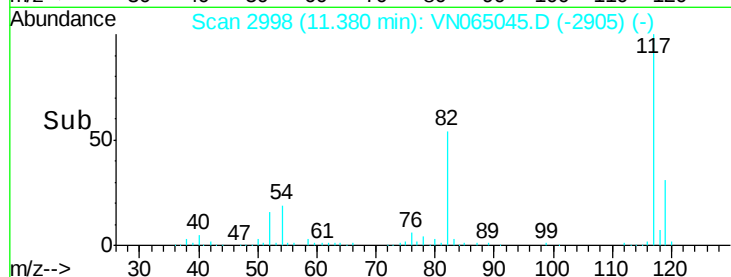
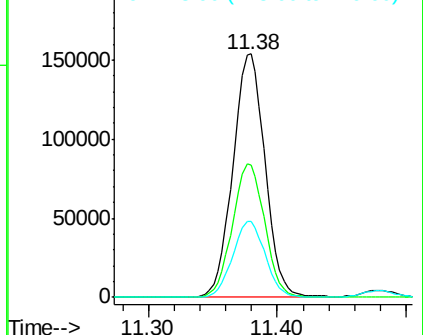
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN065045.D
Acq: 10 Dec 2020 15:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:117 Resp: 266416
Ion Ratio Lower Upper
117 100
82 54.2 43.5 65.3
119 31.3 26.4 39.6

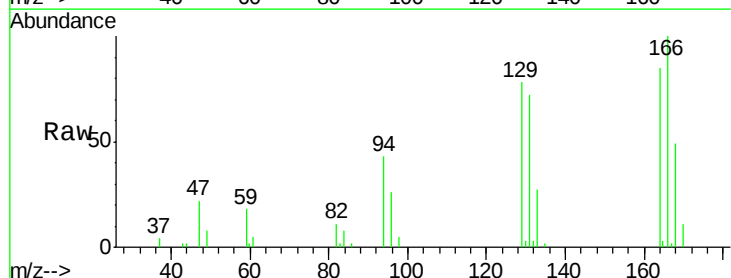


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

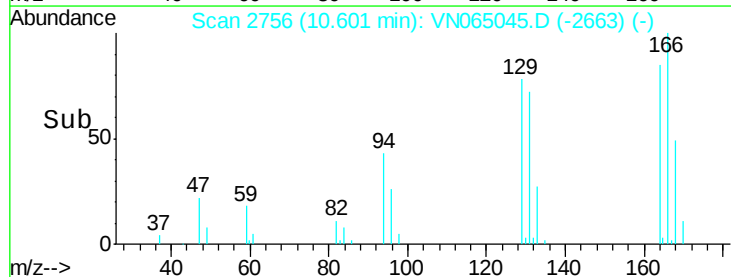
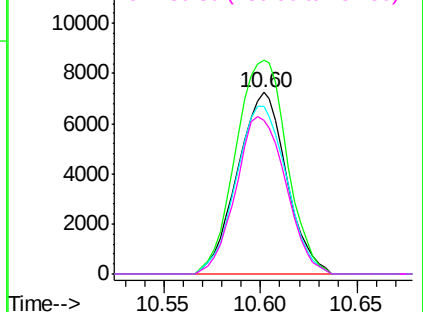


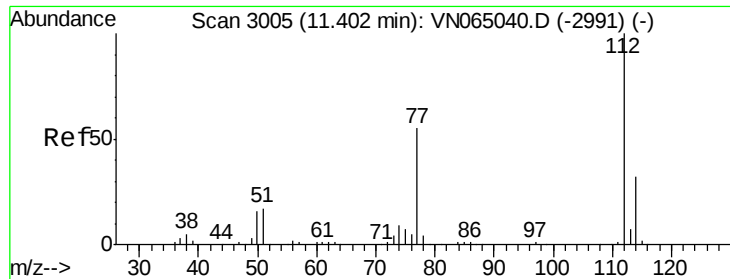
#64
Tetrachloroethene
Concen: 5.004 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN065045.D
Acq: 10 Dec 2020 15:13

Tgt Ion:164 Resp: 12809
Ion Ratio Lower Upper
164 100
166 117.8 103.3 154.9
129 92.5 77.0 115.4
131 84.5 76.1 114.1



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

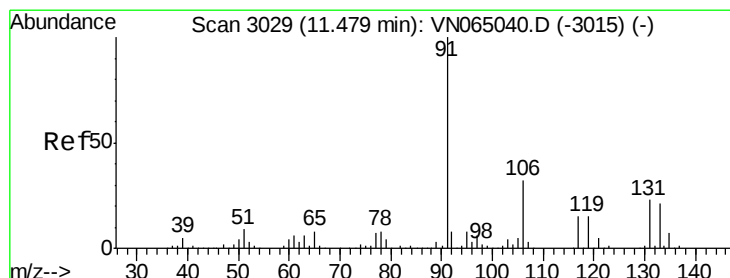
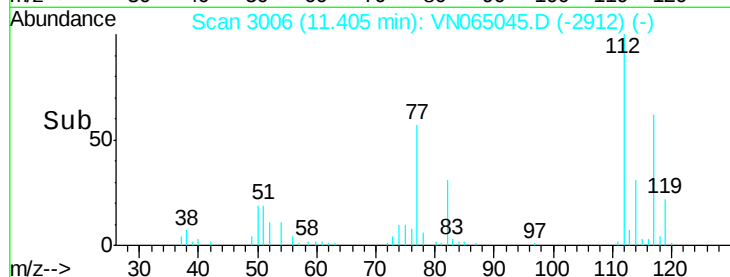
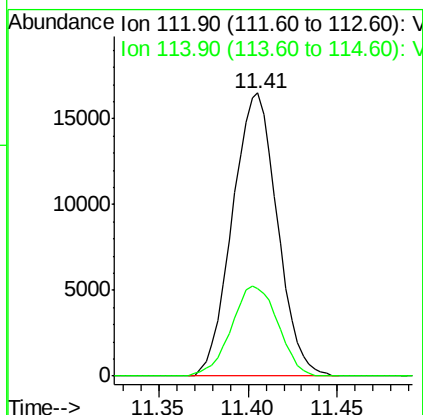
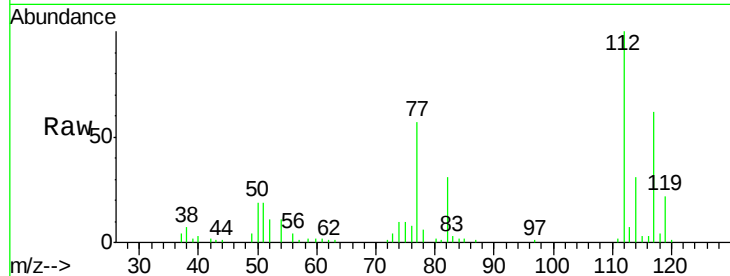




#65
Chlorobenzene
Concen: 5.054 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN065045.D
Acq: 10 Dec 2020 15:13

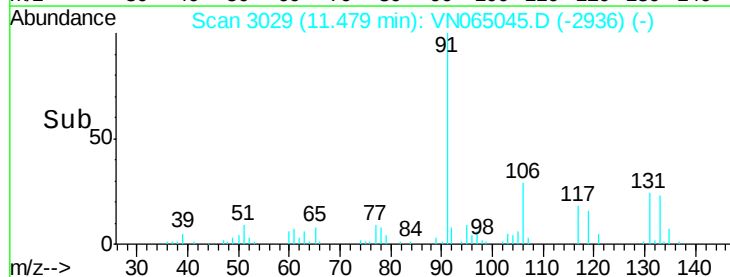
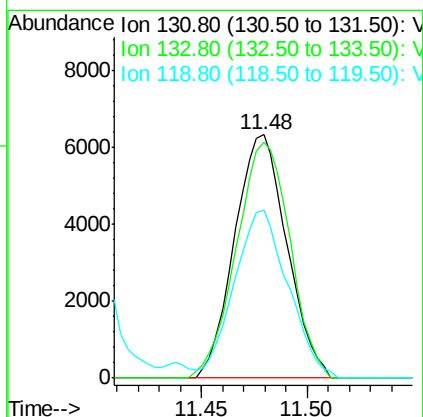
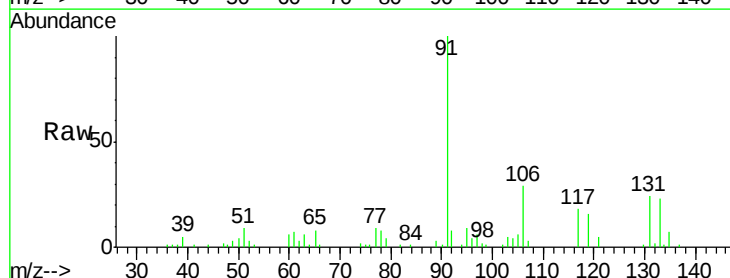
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

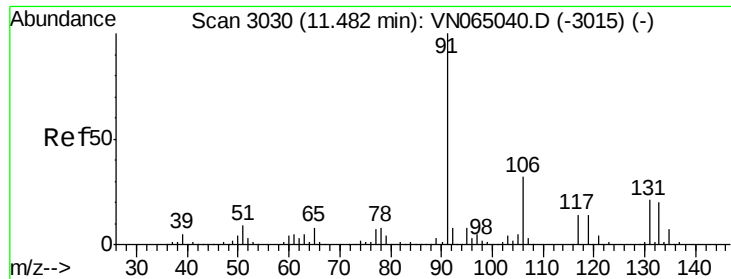
Tgt Ion:112 Resp: 28981
Ion Ratio Lower Upper
112 100
114 30.9 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 5.174 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN065045.D
Acq: 10 Dec 2020 15:13

Tgt Ion:131 Resp: 10902
Ion Ratio Lower Upper
131 100
133 99.5 48.7 146.1
119 71.2 33.2 99.6

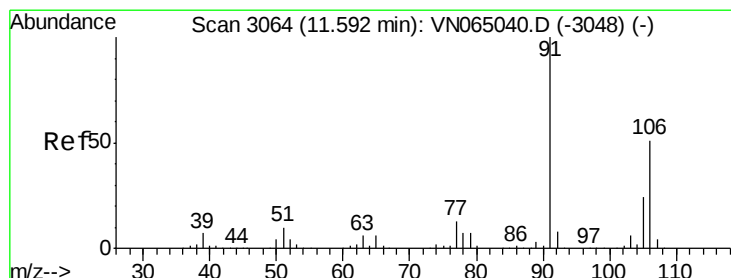
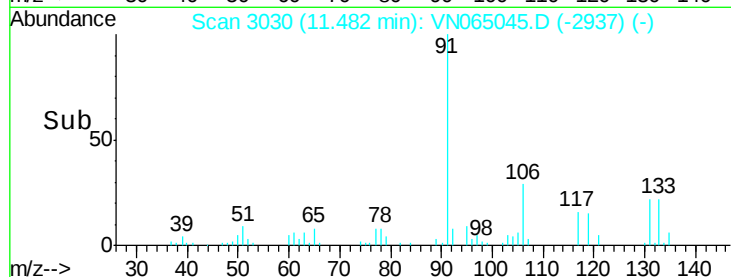
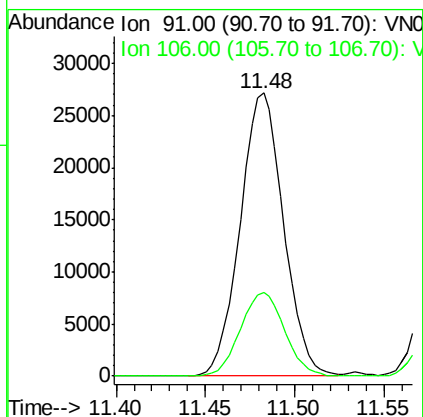
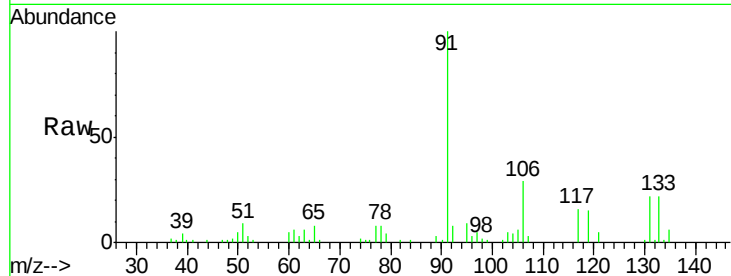




#67
Ethyl Benzene
Concen: 4.855 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN065045.D
Acq: 10 Dec 2020 15:13

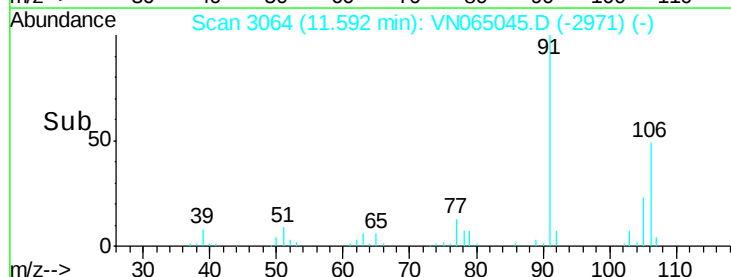
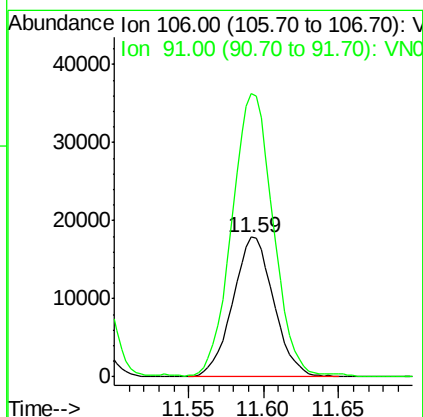
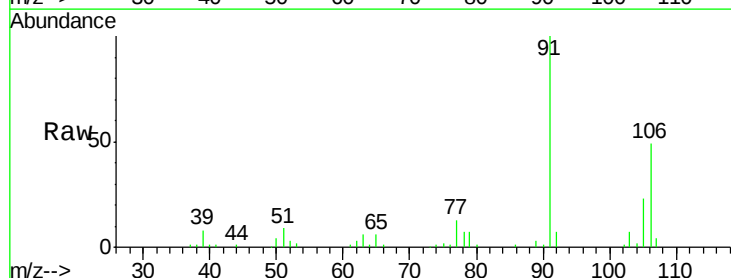
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

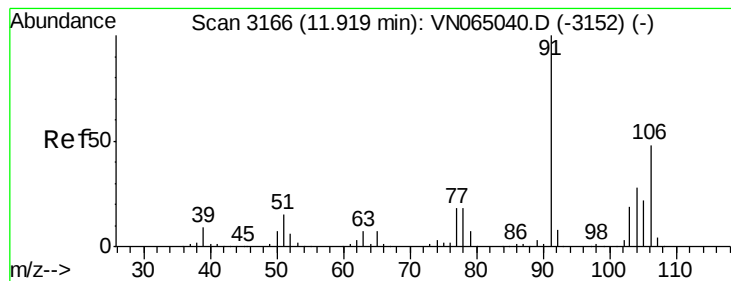
Tgt Ion: 91 Resp: 46190
Ion Ratio Lower Upper
91 100
106 29.4 25.7 38.5



#68
m/p-Xylenes
Concen: 9.386 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. 0.00 min
Lab File: VN065045.D
Acq: 10 Dec 2020 15:13

Tgt Ion: 106 Resp: 34003
Ion Ratio Lower Upper
106 100
91 205.6 157.0 235.6





#69

o-Xylene

Concen: 4.893 ug/l

RT: 11.92 min Scan# 3166

Delta R.T. 0.00 min

Lab File: VN065045.D

Acq: 10 Dec 2020 15:13

Instrument :

MSVOA_N

ClientSampleId :

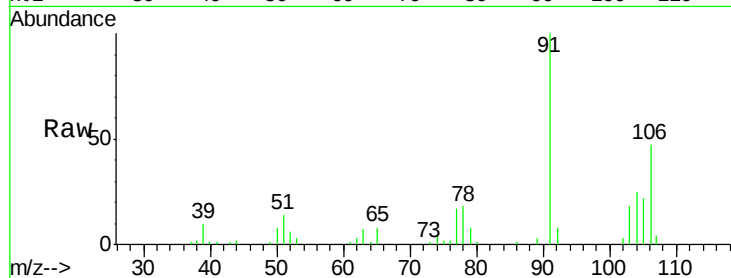
VSTDIC005

Tgt Ion:106 Resp: 16794

Ion Ratio Lower Upper

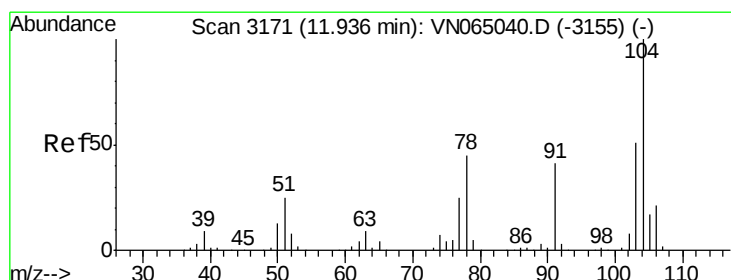
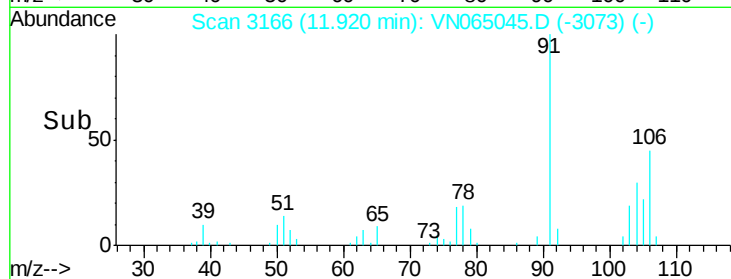
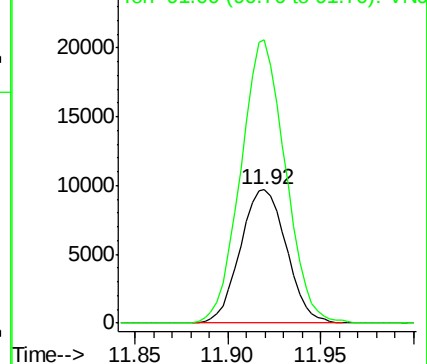
106 100

91 205.8 104.1 312.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#70

Styrene

Concen: 4.422 ug/l

RT: 11.94 min Scan# 3171

Delta R.T. 0.00 min

Lab File: VN065045.D

Acq: 10 Dec 2020 15:13

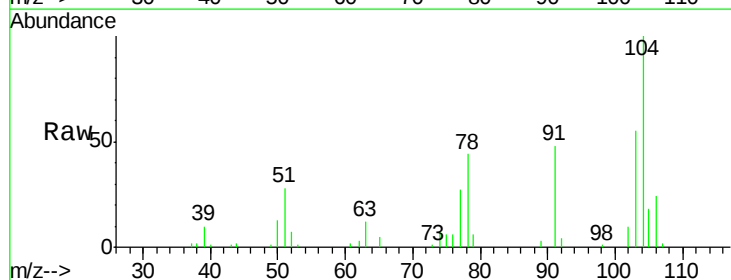
Tgt Ion:104 Resp: 25634

Ion Ratio Lower Upper

104 100

78 49.2 38.7 58.1

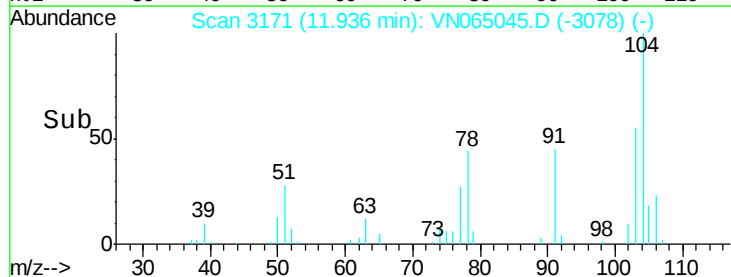
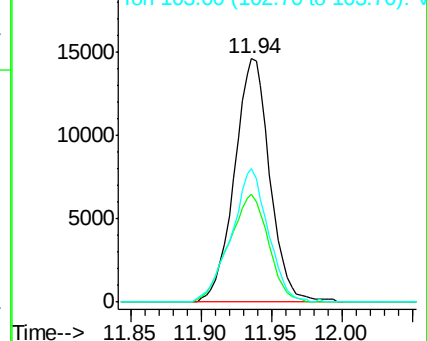
103 56.7 43.8 65.8

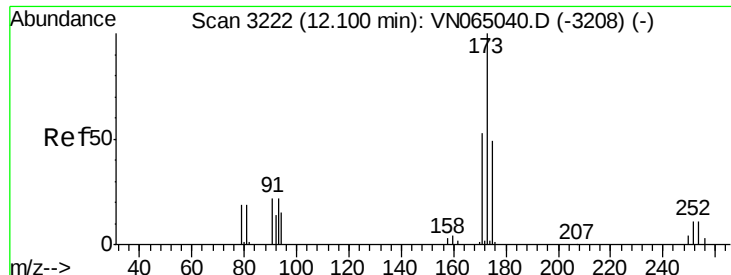


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V

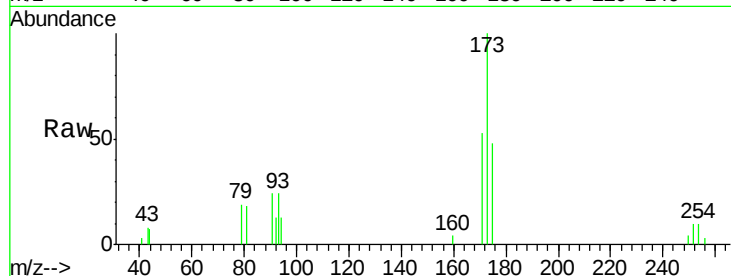




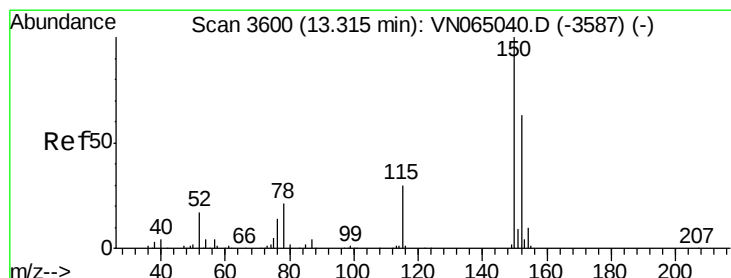
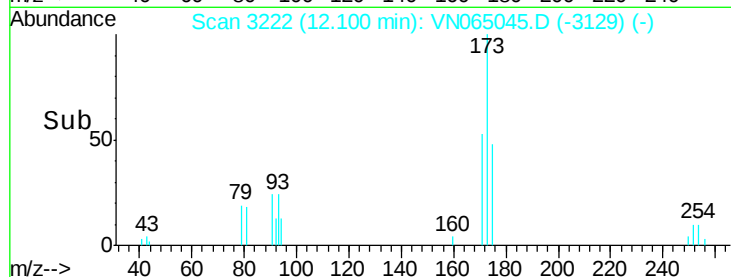
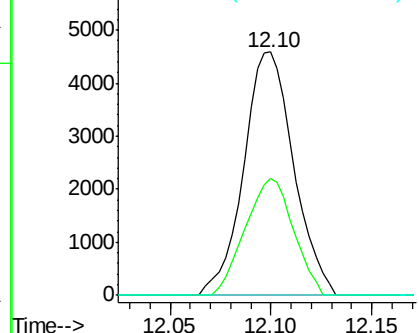
#71
Bromoform
Concen: 4.738 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN065045.D
Acq: 10 Dec 2020 15:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:173 Resp: 7932
Ion Ratio Lower Upper
173 100
175 46.3 24.5 73.5
254 0.0 0.0 0.0

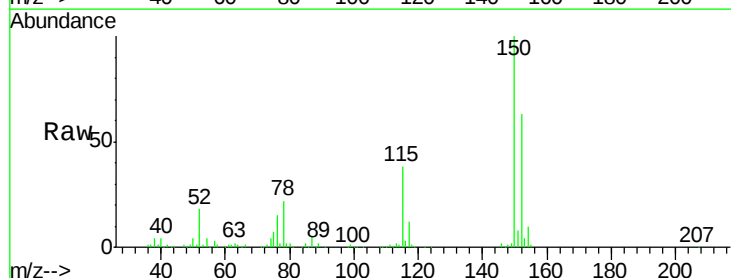


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

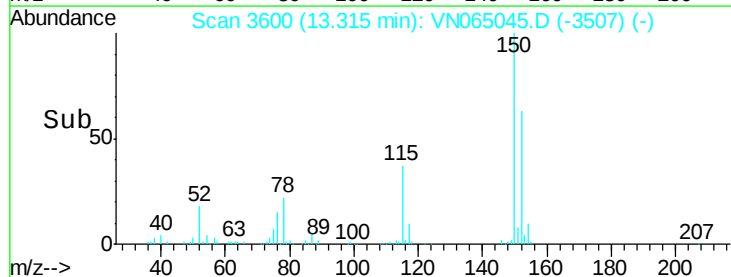
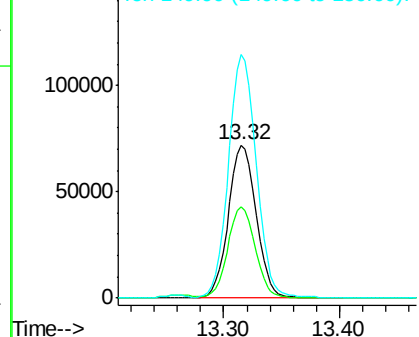


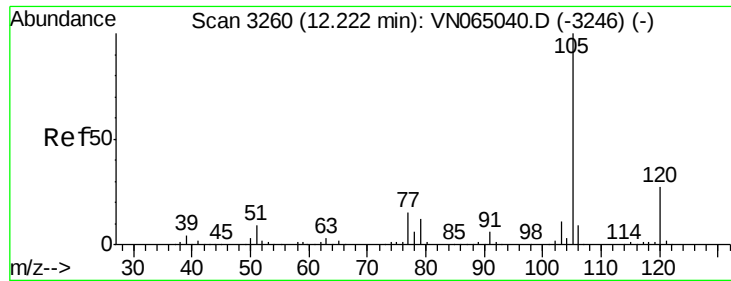
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN065045.D
Acq: 10 Dec 2020 15:13

Tgt Ion:152 Resp: 120217
Ion Ratio Lower Upper
152 100
115 59.0 29.3 88.0
150 157.6 0.0 345.8



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





#73

Isopropylbenzene

Concen: 4.970 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN065045.D

Acq: 10 Dec 2020 15:13

Instrument :

MSVOA_N

ClientSampleId :

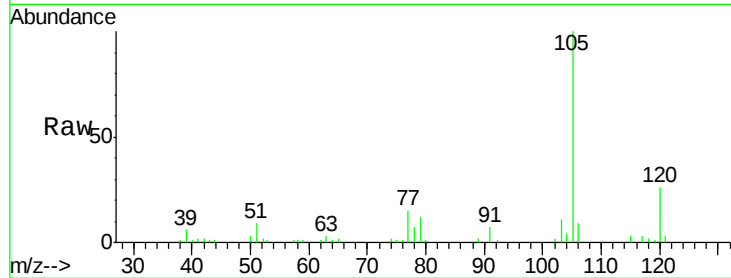
VSTDIC005

Tgt Ion: 105 Resp: 41382

Ion Ratio Lower Upper

105 100

120 25.3 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

25000

20000

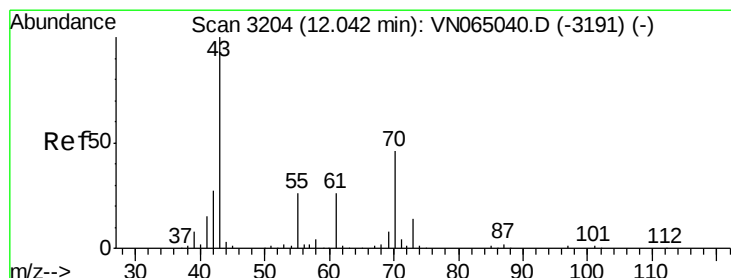
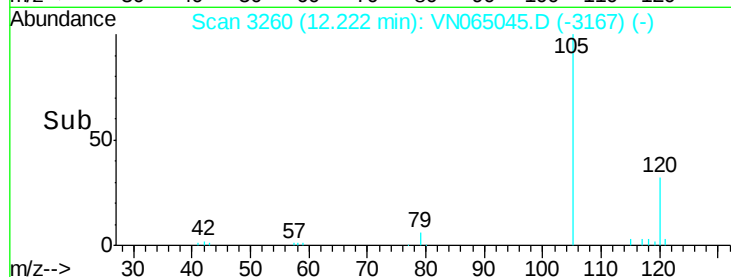
15000

10000

5000

0

Time--> 12.15 12.20 12.25



#74

N-ethyl acetate

Concen: 4.397 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. 0.00 min

Lab File: VN065045.D

Acq: 10 Dec 2020 15:13

Tgt Ion: 43 Resp: 14159

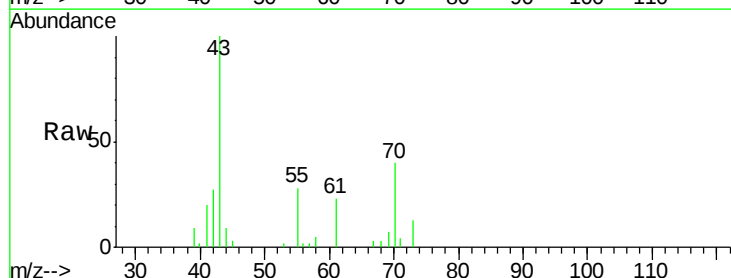
Ion Ratio Lower Upper

43 100

70 38.2 36.2 54.2

55 24.9 21.4 32.0

61 22.8 19.8 29.8



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

12000

10000

8000

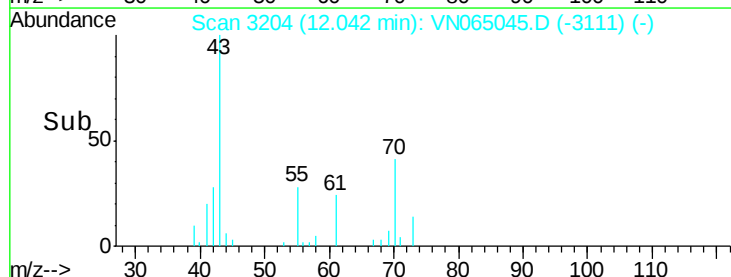
6000

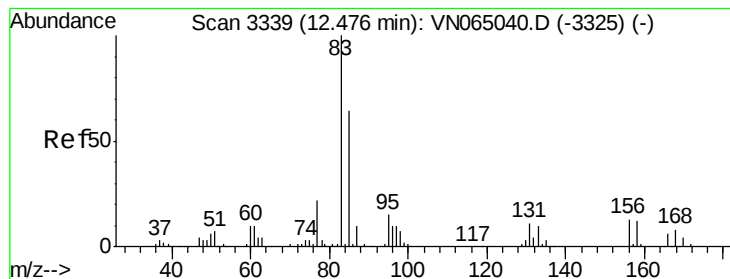
4000

2000

0

Time--> 12.00 12.05 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 5.733 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VN065045.D

Acq: 10 Dec 2020 15:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

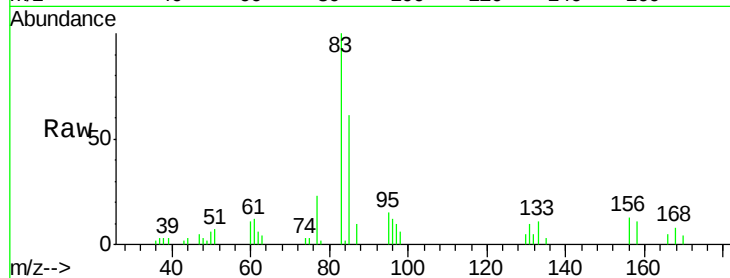
Tgt Ion: 83 Resp: 14042

Ion Ratio Lower Upper

83 100

131 10.4 5.5 16.4

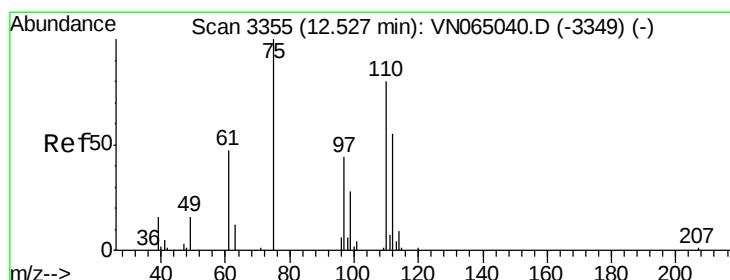
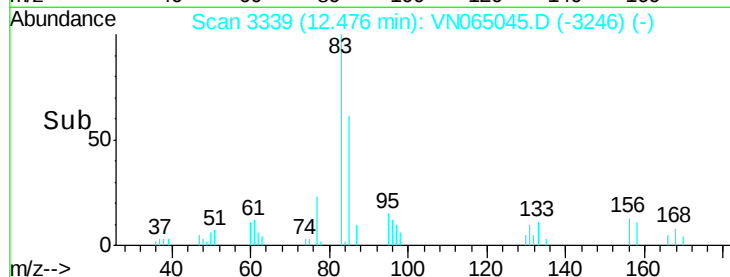
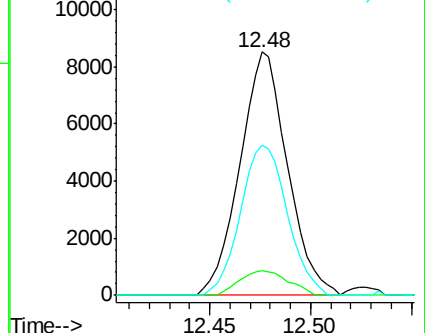
85 60.9 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VN065040.D (-3325) (-)

Ion 130.80 (130.50 to 131.50): VN065040.D (-3325) (-)

Ion 84.90 (84.60 to 85.60): VN065040.D (-3325) (-)



#76

1,2,3-Trichloropropane

Concen: 7.096 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN065045.D

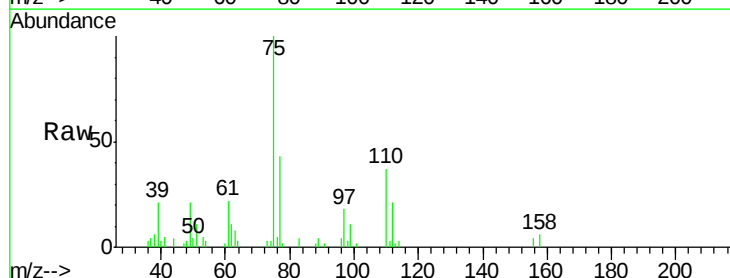
Acq: 10 Dec 2020 15:13

Tgt Ion: 75 Resp: 18089

Ion Ratio Lower Upper

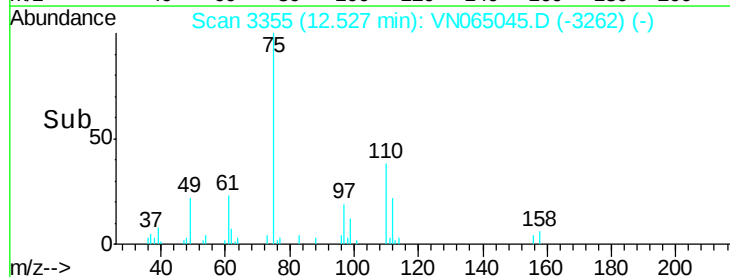
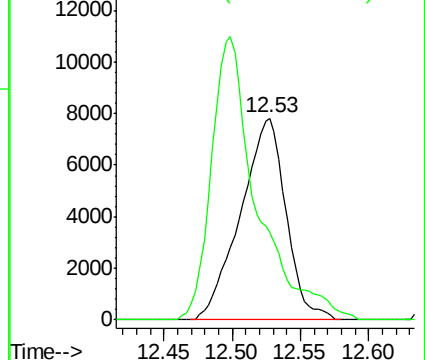
75 100

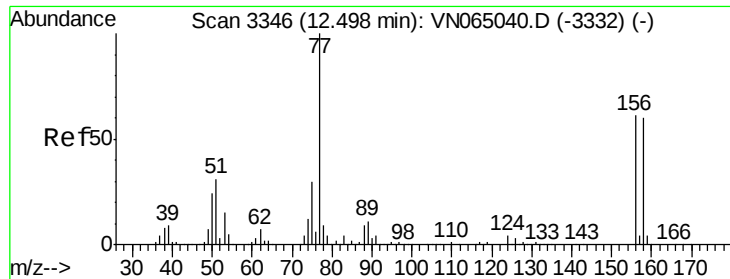
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN065040.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN065040.D (-3349) (-)

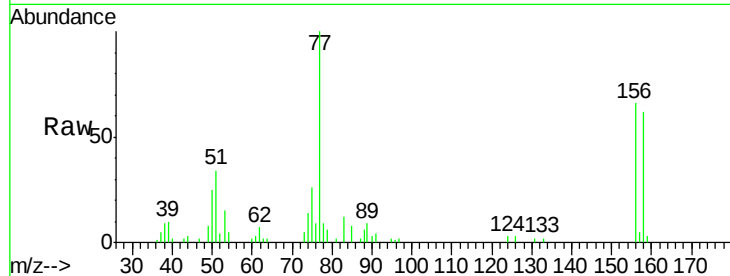




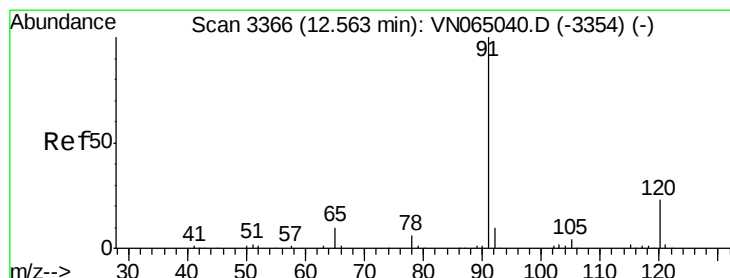
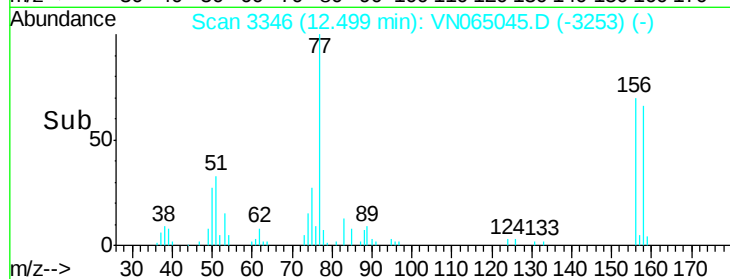
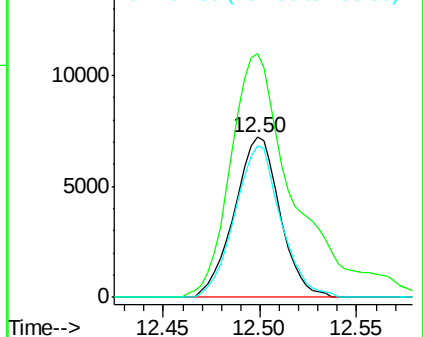
#77
Bromobenzene
Concen: 5.272 ug/l
RT: 12.50 min Scan# 3346
Delta R.T. 0.00 min
Lab File: VN065045.D
Acq: 10 Dec 2020 15:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:156 Resp: 11870
Ion Ratio Lower Upper
156 100
77 214.2 99.3 297.8
158 95.5 49.0 147.0

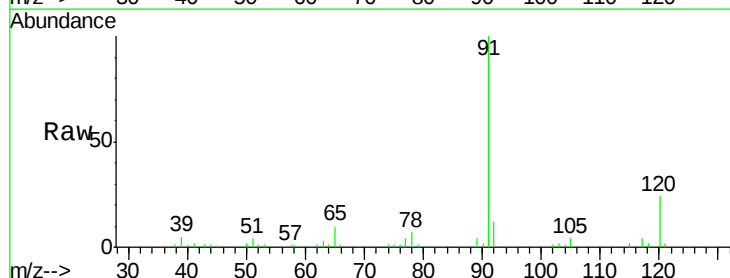


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VN
Ion 157.80 (157.50 to 158.50): V

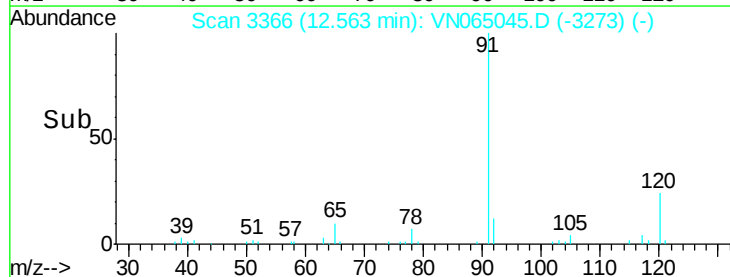
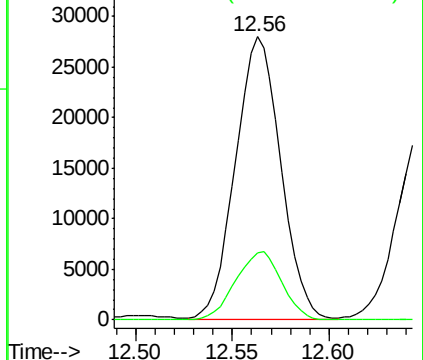


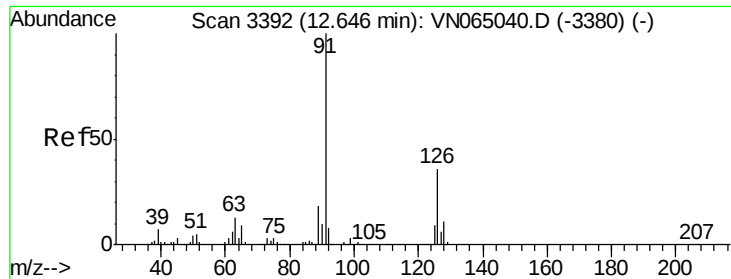
#78
n-propylbenzene
Concen: 4.842 ug/l
RT: 12.56 min Scan# 3366
Delta R.T. 0.00 min
Lab File: VN065045.D
Acq: 10 Dec 2020 15:13

Tgt Ion: 91 Resp: 45757
Ion Ratio Lower Upper
91 100
120 24.4 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VN
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 5.072 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. 0.00 min

Lab File: VN065045.D

Acq: 10 Dec 2020 15:13

Instrument :

MSVOA_N

ClientSampleId :

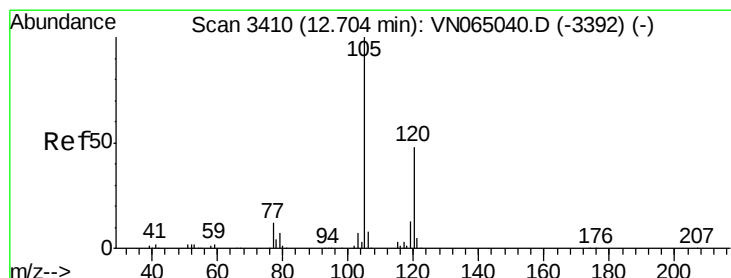
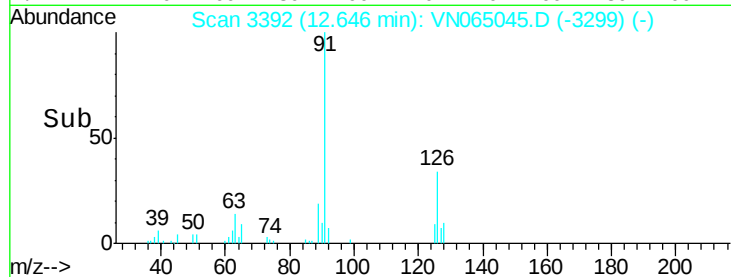
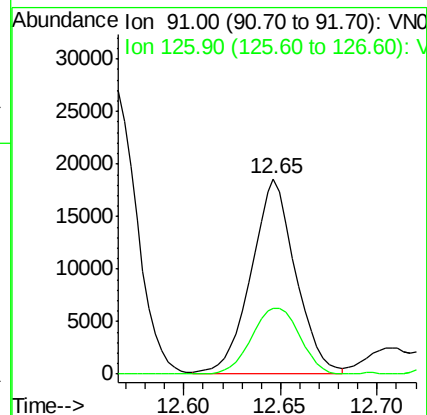
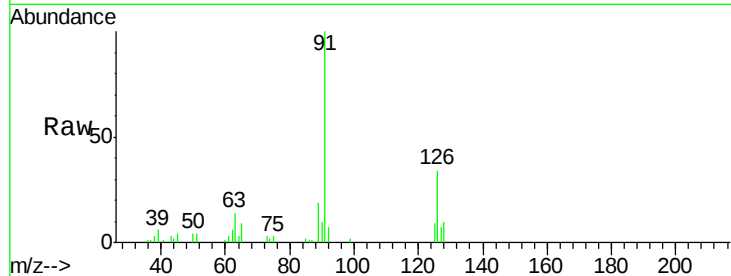
VSTDIC005

Tgt Ion: 91 Resp: 29667

Ion Ratio Lower Upper

91 100

126 36.7 17.6 52.9



#80

1,3,5-Trimethylbenzene

Concen: 4.830 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN065045.D

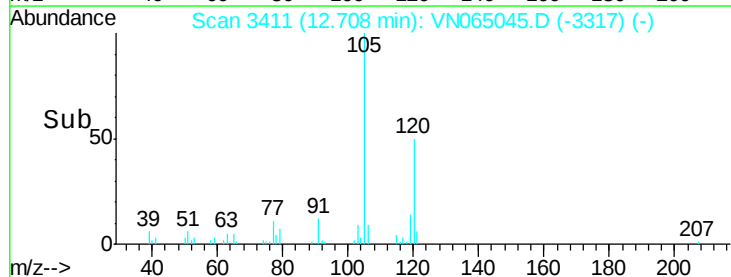
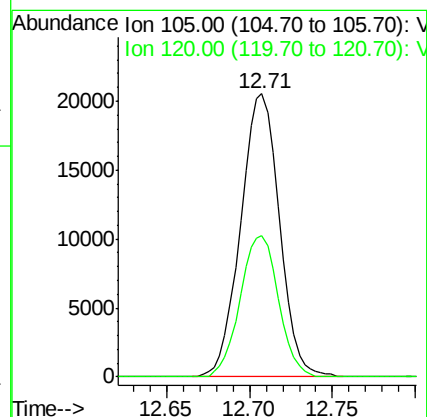
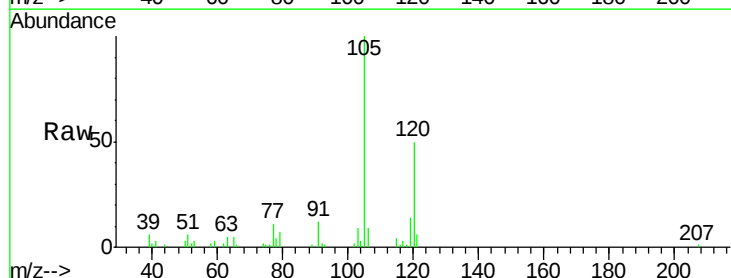
Acq: 10 Dec 2020 15:13

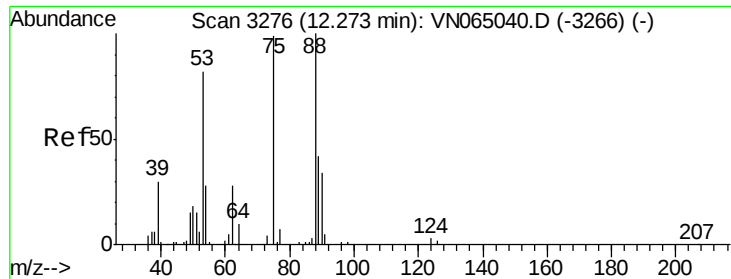
Tgt Ion: 105 Resp: 33408

Ion Ratio Lower Upper

105 100

120 49.2 24.5 73.5





#81

trans-1,4-Dichloro-2-butene

Concen: 4.105 ug/l

RT: 12.27 min Scan# 3275

Delta R.T. -0.00 min

Lab File: VN065045.D

Acq: 10 Dec 2020 15:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

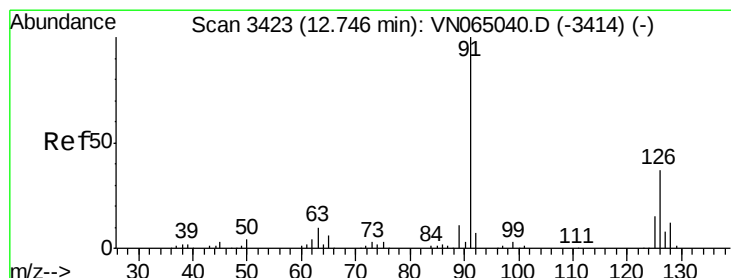
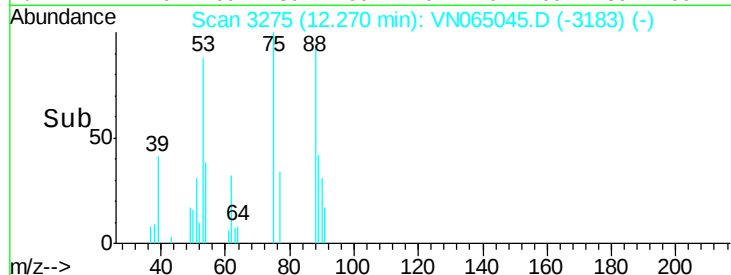
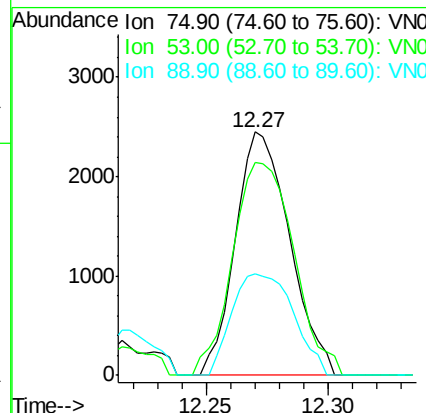
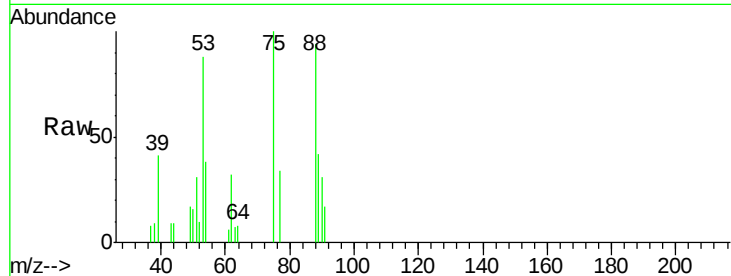
Tgt Ion: 75 Resp: 3783

Ion Ratio Lower Upper

75 100

53 98.9 68.6 103.0

89 47.3 36.2 54.4



#82

4-Chlorotoluene

Concen: 5.005 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN065045.D

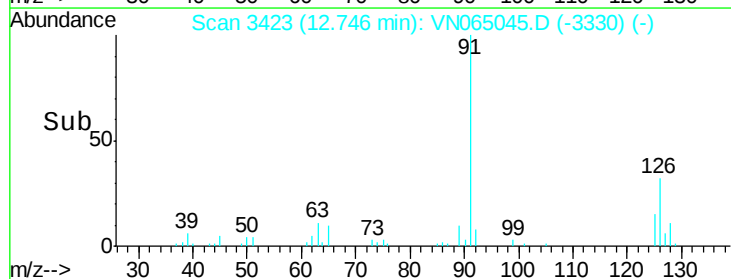
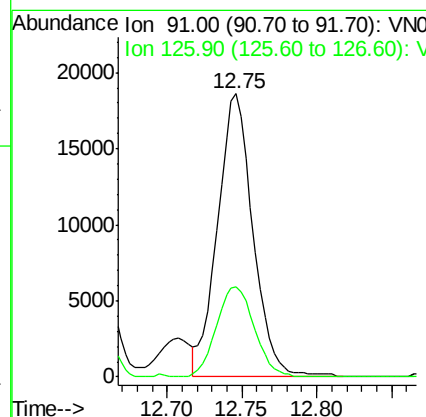
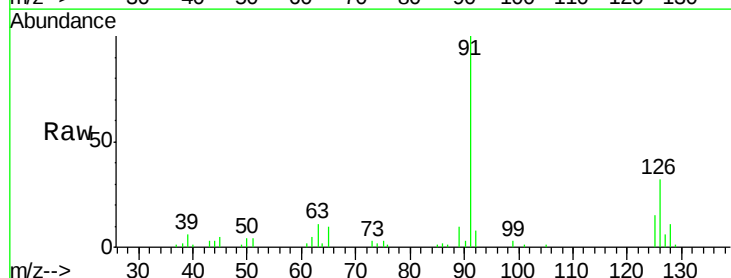
Acq: 10 Dec 2020 15:13

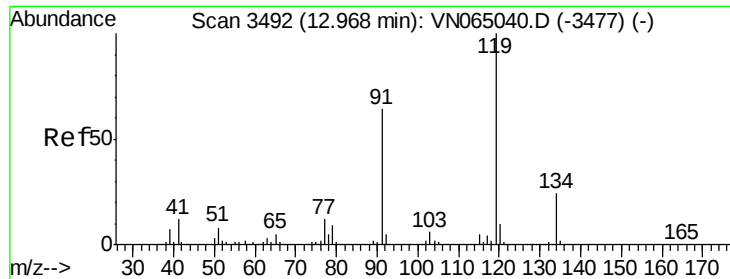
Tgt Ion: 91 Resp: 30711

Ion Ratio Lower Upper

91 100

126 33.9 17.3 52.0

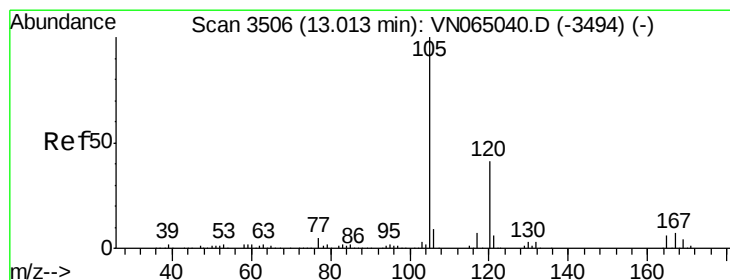
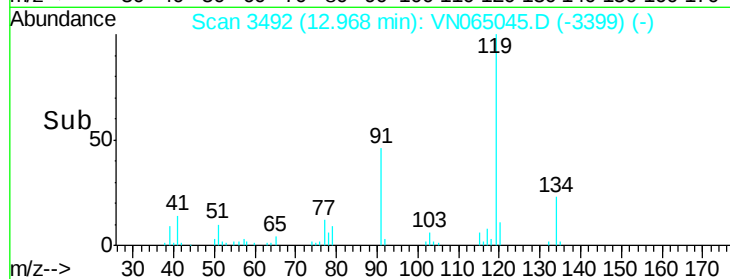
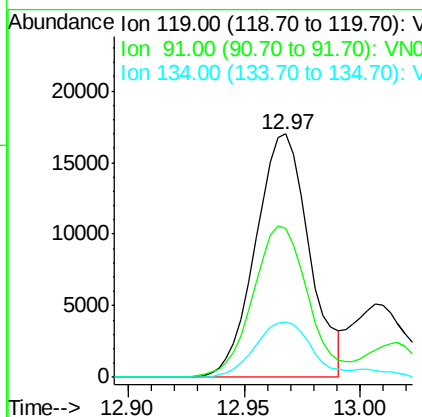
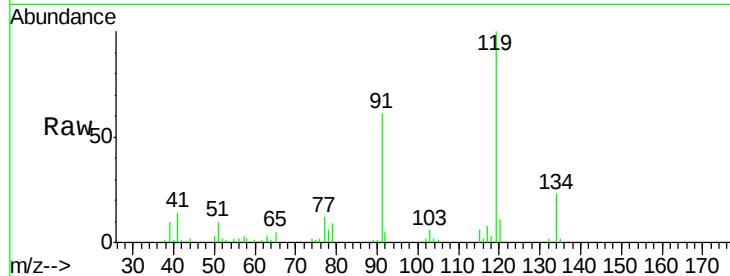




#83
tert-Butylbenzene
Concen: 4.711 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN065045.D
Acq: 10 Dec 2020 15:13

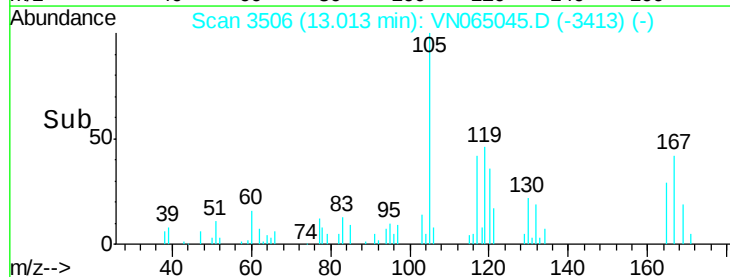
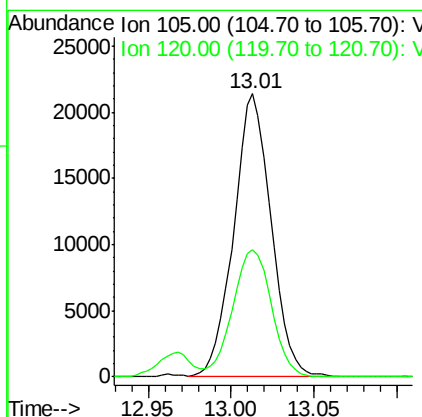
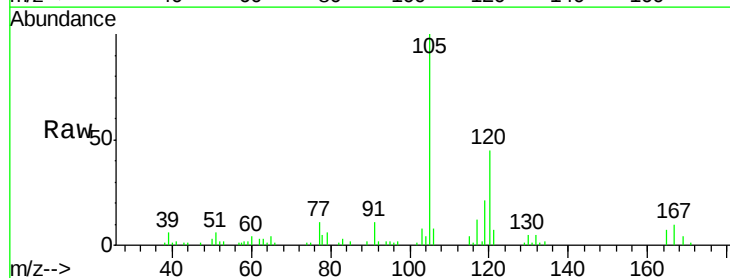
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

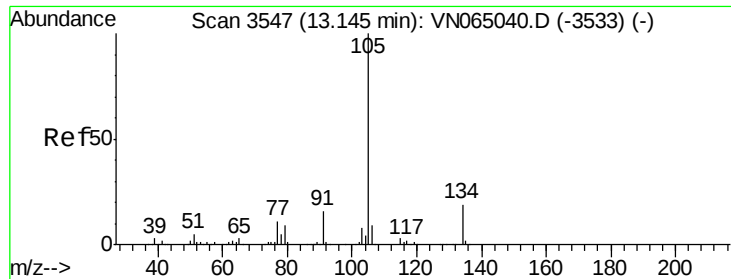
Tgt Ion:119 Resp: 27319
Ion Ratio Lower Upper
119 100
91 63.7 31.1 93.5
134 23.8 12.6 37.6



#84
1,2,4-Trimethylbenzene
Concen: 4.786 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN065045.D
Acq: 10 Dec 2020 15:13

Tgt Ion:105 Resp: 33546
Ion Ratio Lower Upper
105 100
120 46.4 23.1 69.2

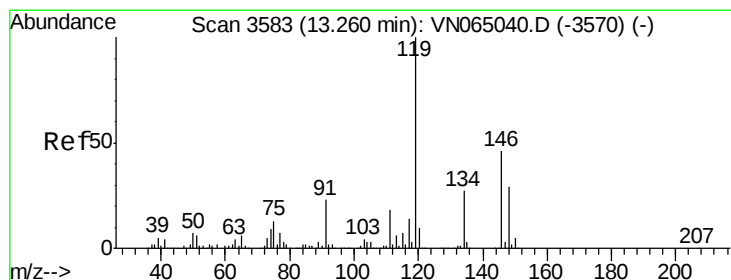
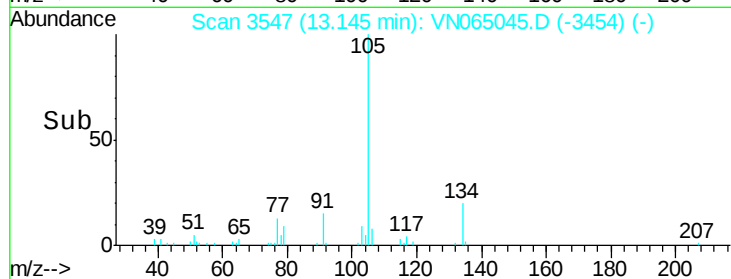
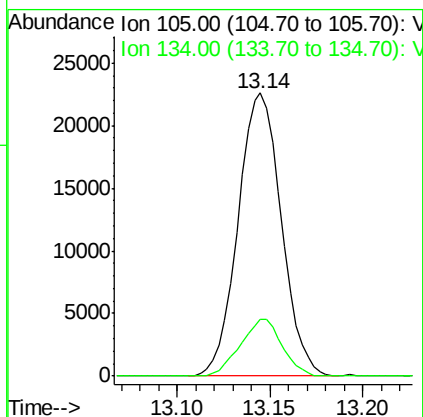
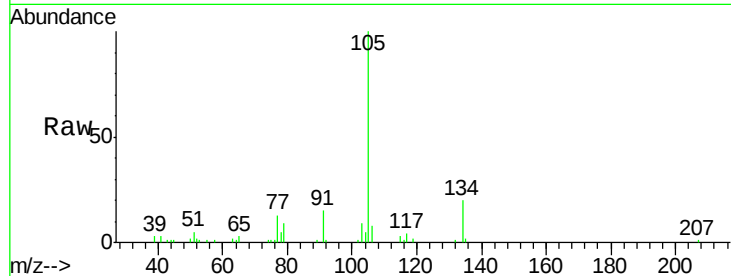




#85
 sec-Butylbenzene
 Concen: 4.775 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. 0.00 min
 Lab File: VN065045.D
 Acq: 10 Dec 2020 15:13

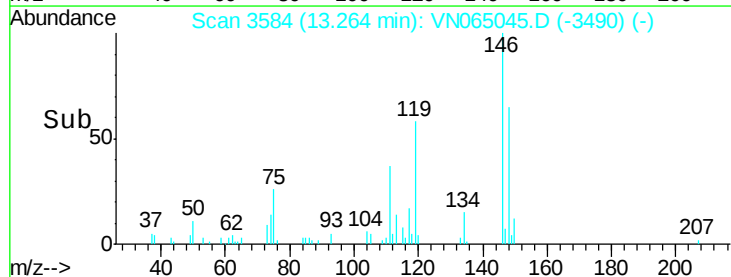
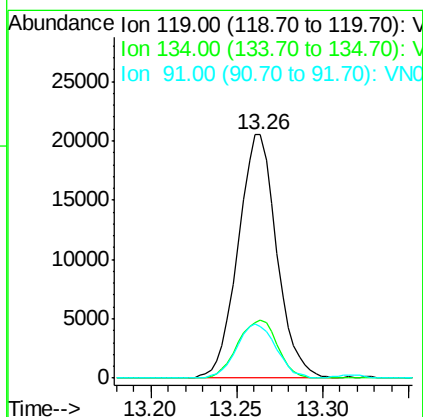
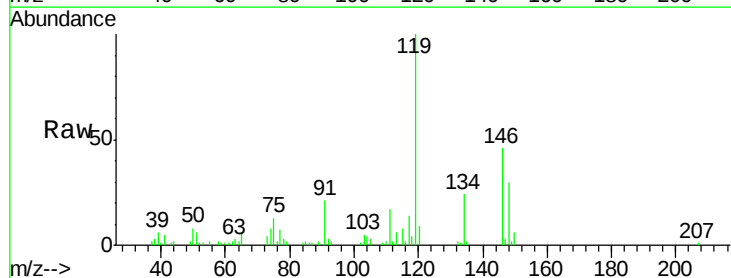
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

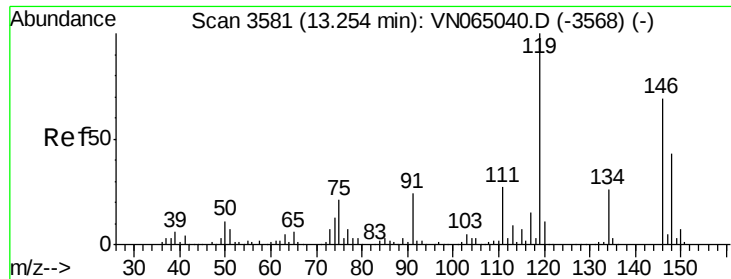
Tgt Ion:105 Resp: 36568
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 4.587 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN065045.D
 Acq: 10 Dec 2020 15:13

Tgt Ion:119 Resp: 31975
 Ion Ratio Lower Upper
 119 100
 134 24.6 13.0 38.9
 91 22.6 11.5 34.4

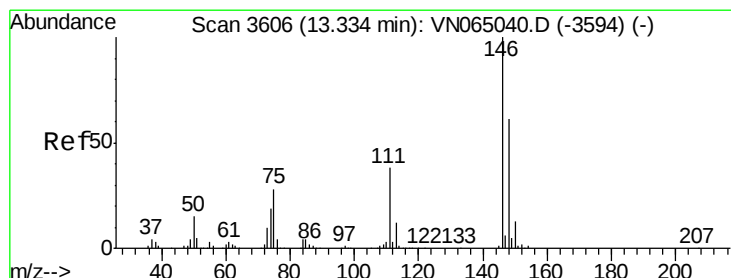
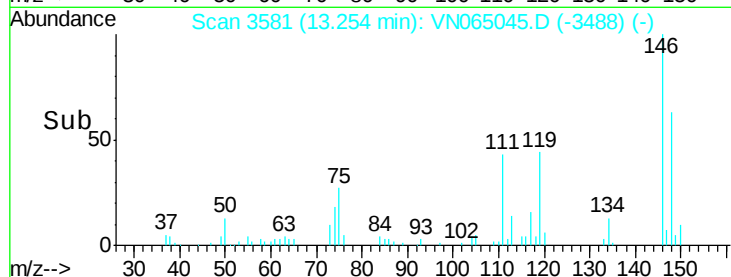
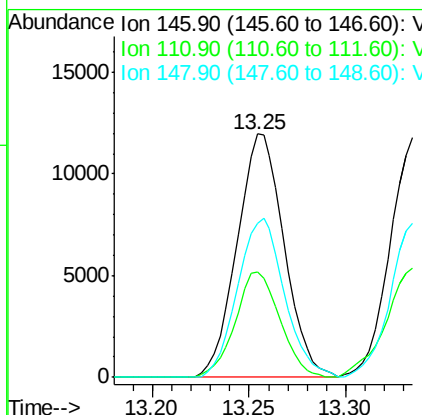
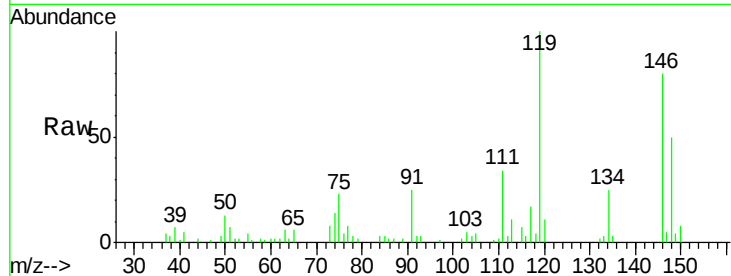




#87
 1,3-Dichlorobenzene
 Concen: 5.051 ug/l
 RT: 13.25 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN065045.D
 Acq: 10 Dec 2020 15:13

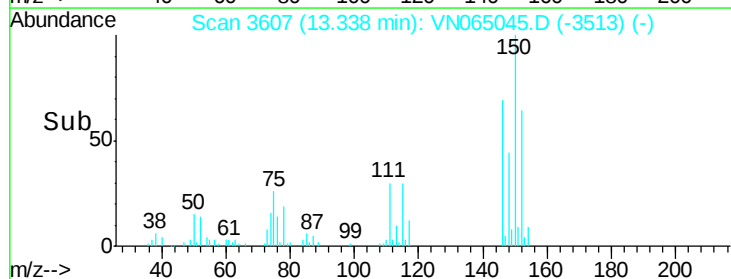
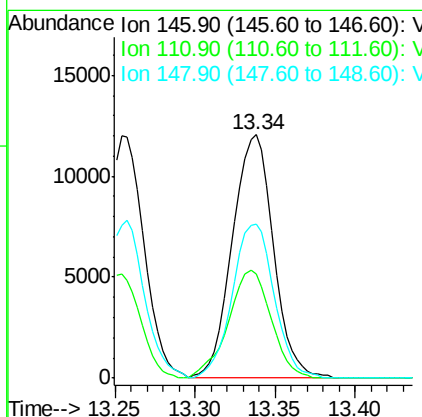
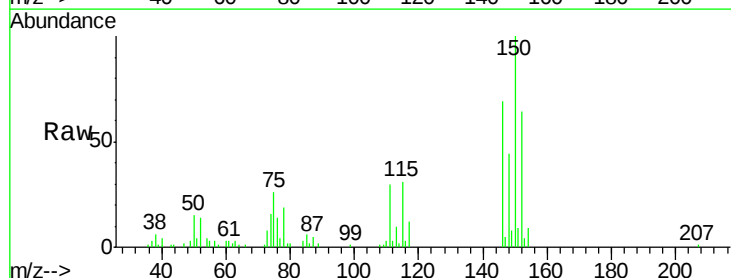
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

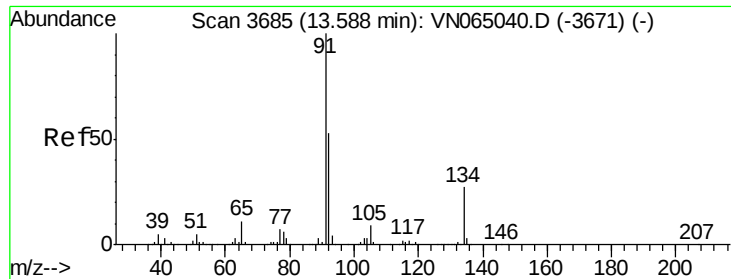
Tgt Ion:146 Resp: 20209
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.0 59.9
 148 65.1 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 4.990 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN065045.D
 Acq: 10 Dec 2020 15:13

Tgt Ion:146 Resp: 21105
 Ion Ratio Lower Upper
 146 100
 111 46.3 19.2 57.6
 148 64.6 31.1 93.3





#89

n-Butylbenzene

Concen: 4.300 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN065045.D

Acq: 10 Dec 2020 15:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

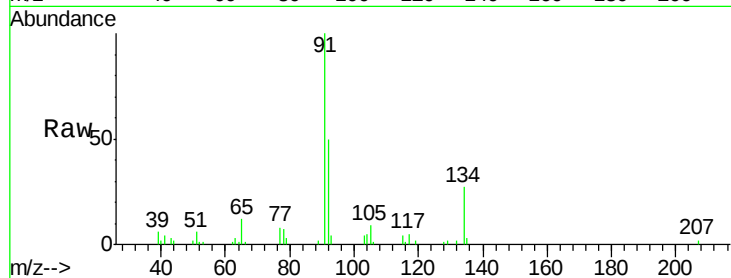
Tgt Ion: 91 Resp: 26180

Ion Ratio Lower Upper

91 100

92 50.3 25.9 77.8

134 26.0 13.2 39.6

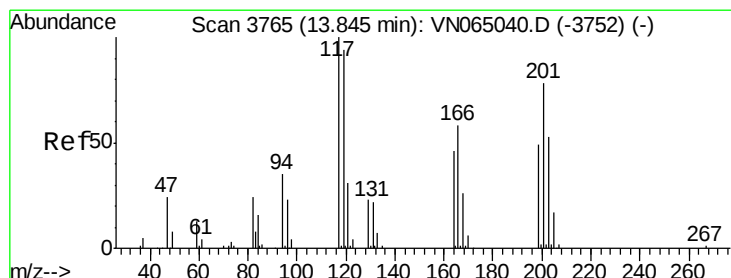
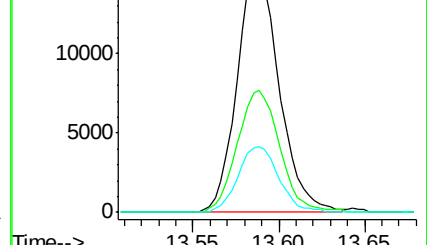
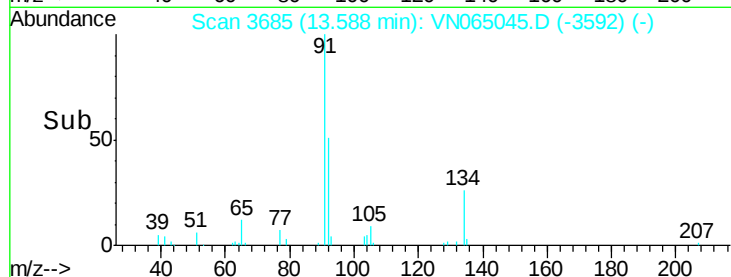


Abundance Ion 91.00 (90.70 to 91.70): VN065045.D (-3671) (-)

Ion 92.00 (91.70 to 92.70): VN065045.D (-3671) (-)

Ion 134.00 (133.70 to 134.70): VN065045.D (-3671) (-)

Time-->



#90

Hexachloroethane

Concen: 5.239 ug/l

RT: 13.85 min Scan# 3765

Delta R.T. 0.00 min

Lab File: VN065045.D

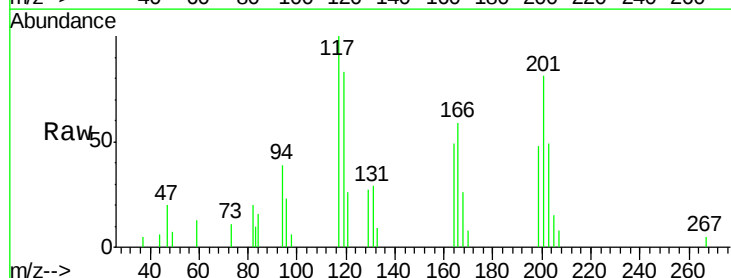
Acq: 10 Dec 2020 15:13

Tgt Ion: 117 Resp: 6380

Ion Ratio Lower Upper

117 100

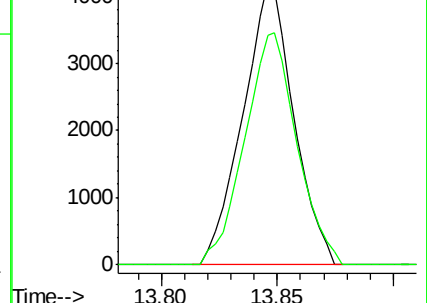
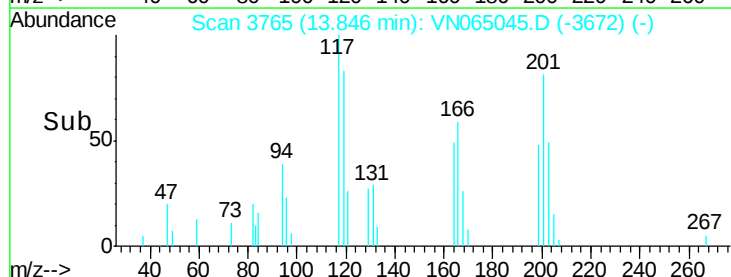
201 84.6 39.5 118.3

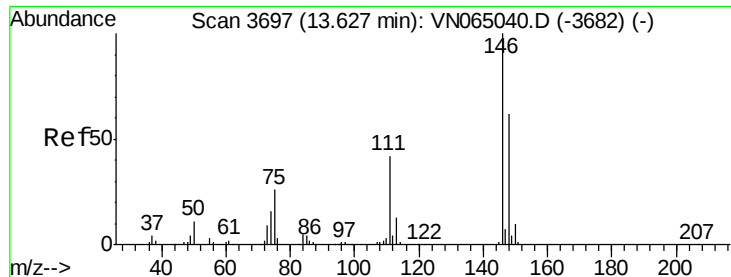


Abundance Ion 116.80 (116.50 to 117.50): VN065045.D (-3752) (-)

Ion 200.70 (200.40 to 201.40): VN065045.D (-3752) (-)

Time-->

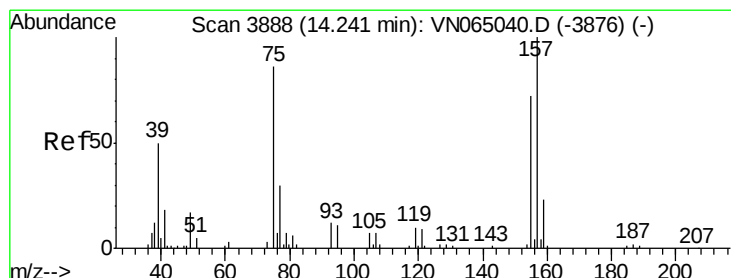
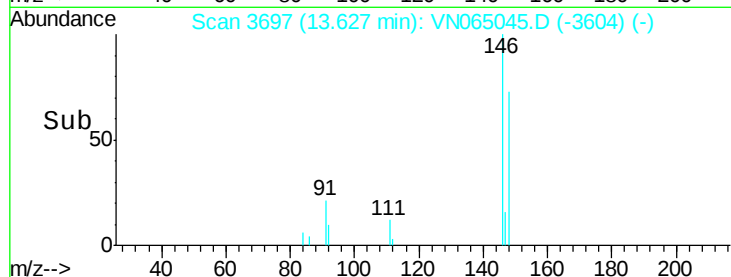
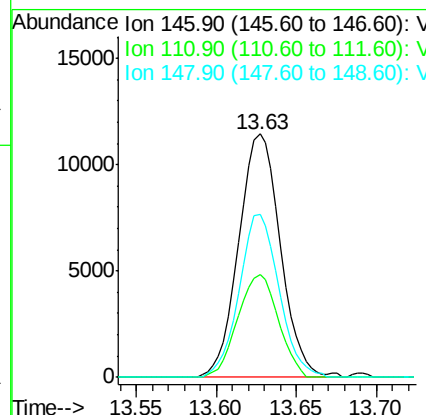
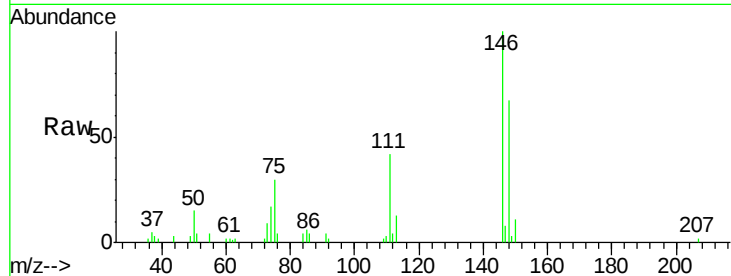




#91
 1,2-Dichlorobenzene
 Concen: 5.169 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN065045.D
 Acq: 10 Dec 2020 15:13

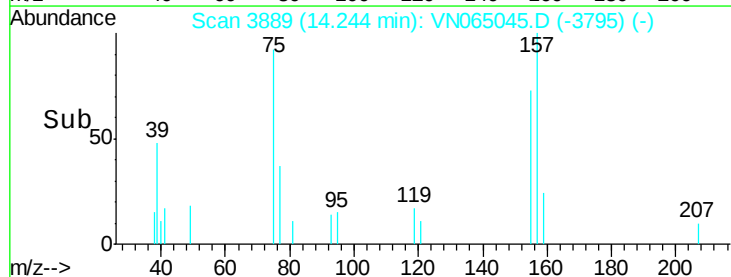
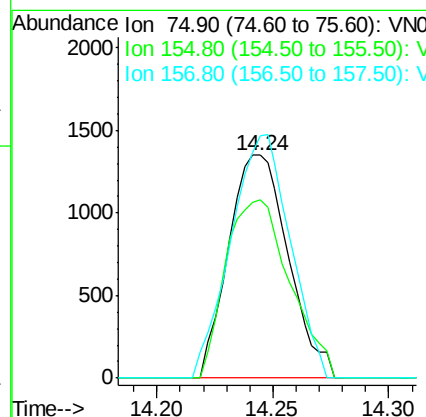
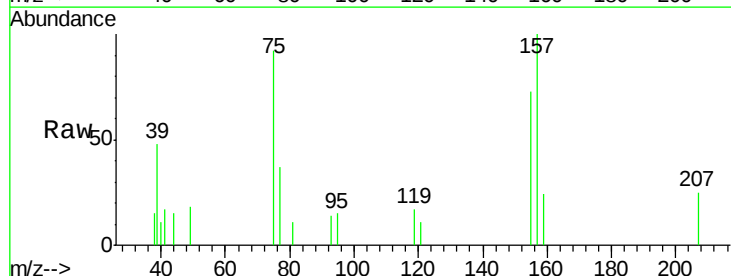
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

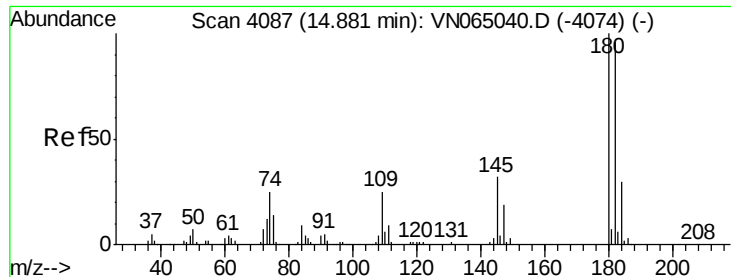
Tgt Ion: 146 Resp: 20315
 Ion Ratio Lower Upper
 146 100
 111 41.0 21.1 63.1
 148 64.1 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.475 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN065045.D
 Acq: 10 Dec 2020 15:13

Tgt Ion: 75 Resp: 2413
 Ion Ratio Lower Upper
 75 100
 155 86.3 43.8 131.4
 157 108.4 58.1 174.3

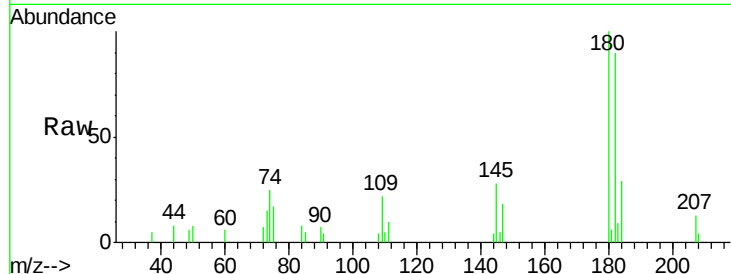




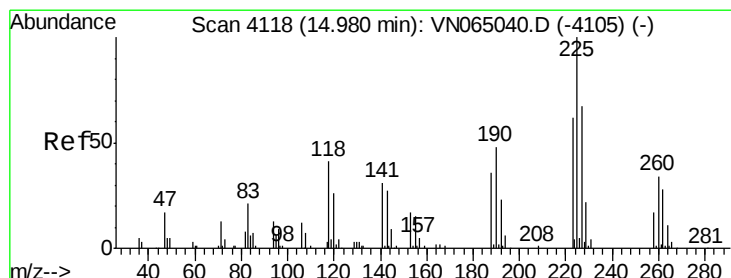
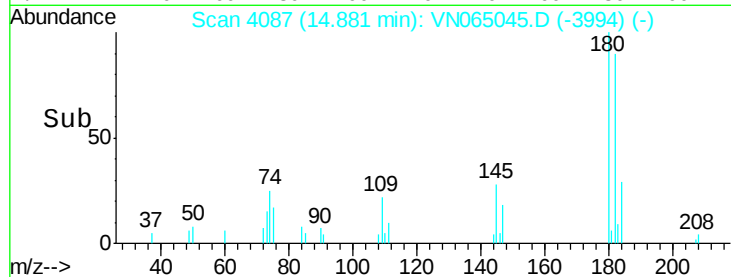
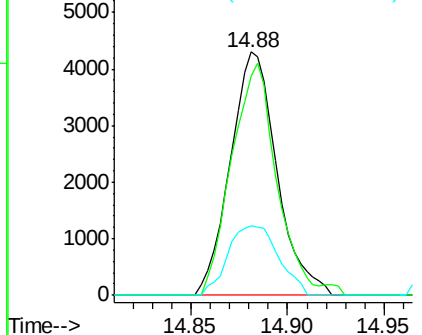
#93
 1,2,4-Trichlorobenzene
 Concen: 3.029 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN065045.D
 Acq: 10 Dec 2020 15:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:180 Resp: 7200
 Ion Ratio Lower Upper
 180 100
 182 91.8 47.0 141.2
 145 30.9 15.4 46.4

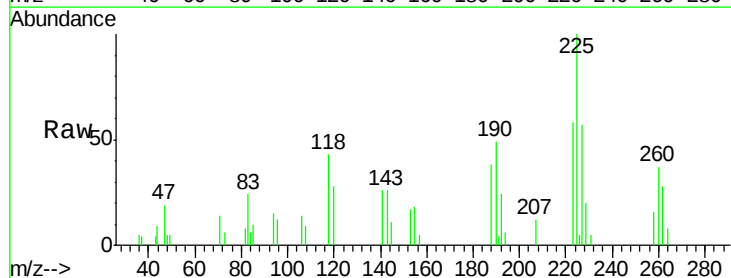


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

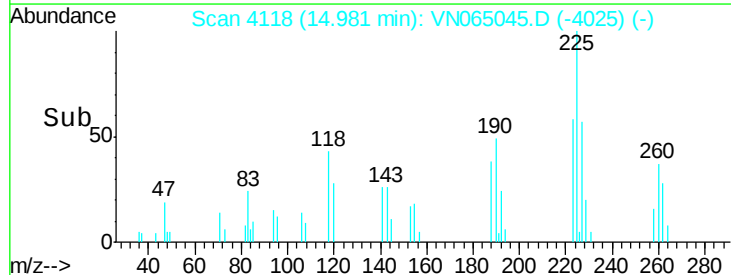
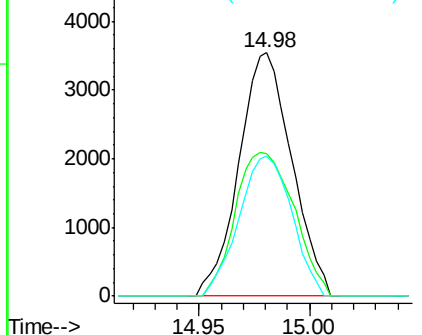


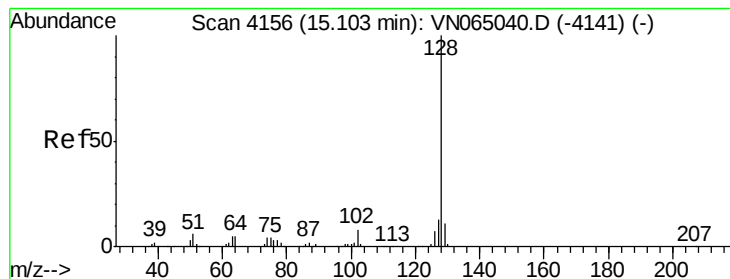
#94
 Hexachlorobutadiene
 Concen: 4.861 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN065045.D
 Acq: 10 Dec 2020 15:13

Tgt Ion:225 Resp: 5892
 Ion Ratio Lower Upper
 225 100
 223 65.4 31.4 94.0
 227 57.4 32.3 96.8



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





#95

Naphthalene

Concen: 2.293 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN065045.D

Acq: 10 Dec 2020 15:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

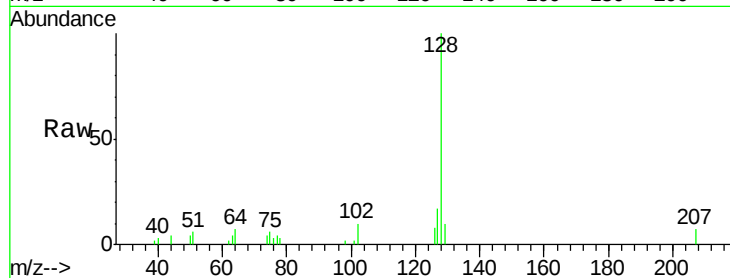
Tgt Ion:128 Resp: 16265

Ion Ratio Lower Upper

128 100

127 14.3 10.2 15.2

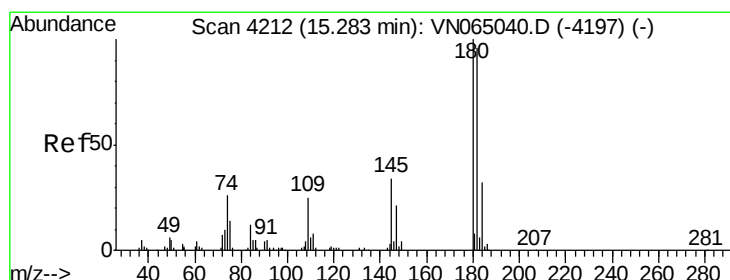
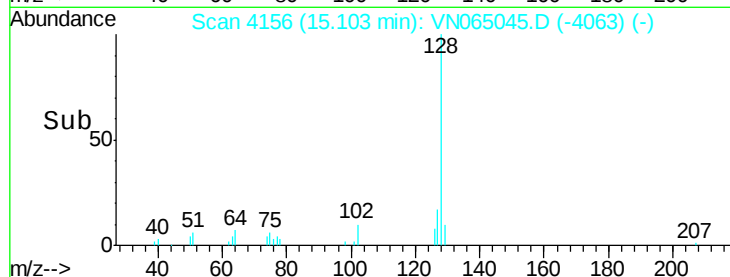
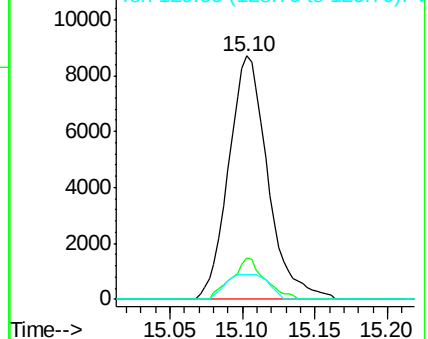
129 11.0 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 2.502 ug/l

RT: 15.28 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN065045.D

Acq: 10 Dec 2020 15:13

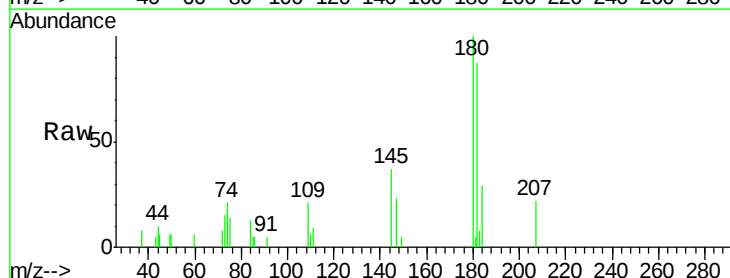
Tgt Ion:180 Resp: 5848

Ion Ratio Lower Upper

180 100

182 96.3 48.3 144.9

145 33.4 16.2 48.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

