

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020921\
 Data File : VN065783.D
 Acq On : 9 Feb 2021 16:24
 Operator : JC/MD
 Sample : M1317-11
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

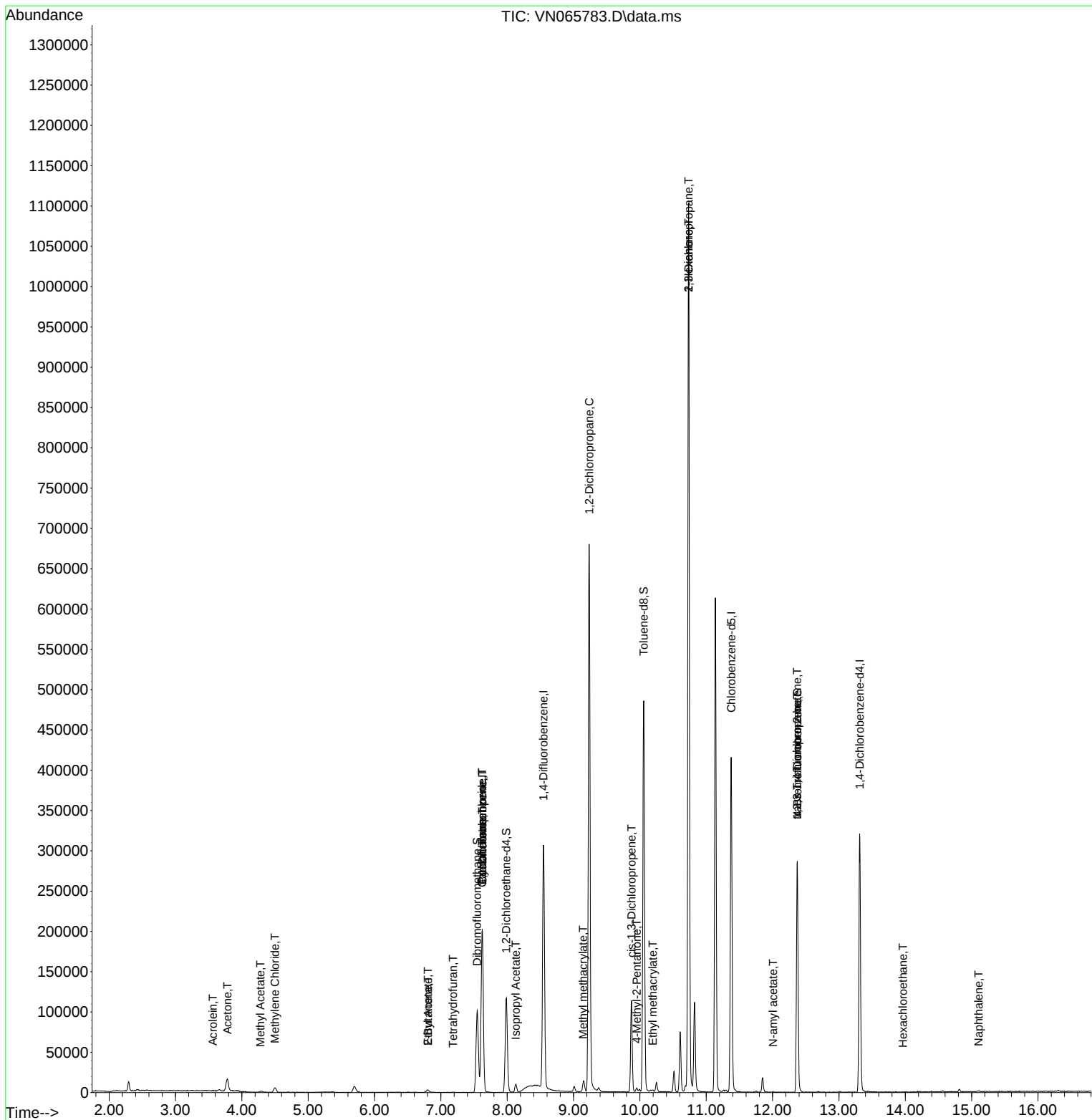
Quant Time: Feb 10 00:59:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:47:28 2021
 Response via : Initial Calibration

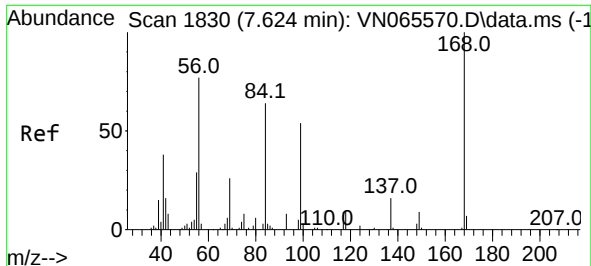
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.624	168	173114	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	288868	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	257329	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	94896	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	98918	43.43	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	86.86%		
35) Dibromofluoromethane	7.547	113	82317	48.09	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.18%		
50) Toluene-d8	10.058	98	357322	53.10	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	106.20%		
62) 4-Bromofluorobenzene	12.373	95	114080	47.08	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.16%		
Target Compounds					Qvalue	
13) Acrolein	3.563	56	105	18.35	ug/l #	39
16) Acetone	3.782	43	23610	26.63	ug/l	98
18) Methyl Acetate	4.280	43	2878	1.16	ug/l #	75
20) Methylene Chloride	4.499	84	4684	1.91	ug/l	99
25) 2-Butanone	6.804	43	3950	2.84	ug/l	98
29) Tetrahydrofuran	7.184	42	406	0.40	ug/l #	32
31) Cyclohexane	7.624	56	3094	0.72	ug/l #	1
36) 1,1-Dichloropropene	7.624	75	12445	4.28	ug/l #	45
37) Ethyl Acetate	6.804	43	3950	1.42	ug/l #	68
38) Carbon Tetrachloride	7.621	117	16119	6.74	ug/l #	16
43) Isopropyl Acetate	8.129	43	12145	2.46	ug/l #	86
45) 1,2-Dichloropropane	9.238	63	761	0.31	ug/l #	44
48) Methyl methacrylate	9.142	41	3648	1.56	ug/l #	10
51) 4-Methyl-2-Pentanone	9.952	43	3331	1.22	ug/l	97
54) cis-1,3-Dichloropropene	9.875	75	22771	6.06	ug/l #	54
56) Ethyl methacrylate	10.196	69	1582	0.48	ug/l #	79
57) 1,3-Dichloropropane	10.733	76	12118	3.43	ug/l #	43
59) 2-Hexanone	10.733	43	149119	78.79	ug/l #	51
74) N-amyl acetate	12.006	43	738	0.21	ug/l #	42
76) 1,2,3-Trichloropropane	12.370	75	51587	20.79	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.370	75	51587	53.25	ug/l #	12
90) Hexachloroethane	13.965	117	298	0.24	ug/l #	12
95) Naphthalene	15.106	128	1784	3.72	ug/l #	69

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

Quant Time: Feb 10 00:59:29 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 25 13:47:28 2021
Response via : Initial Calibration

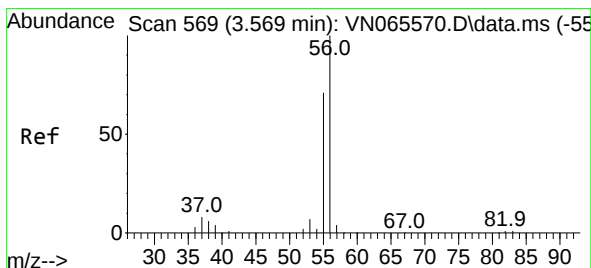
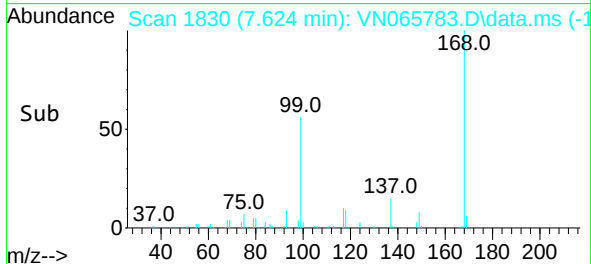
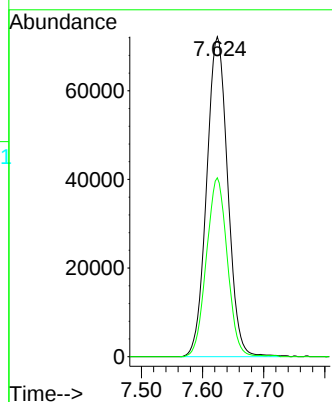
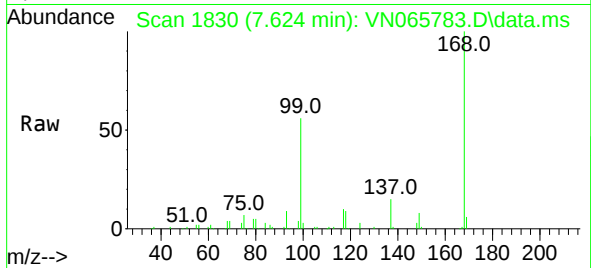




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN065783.D
Acq: 9 Feb 2021 16:24

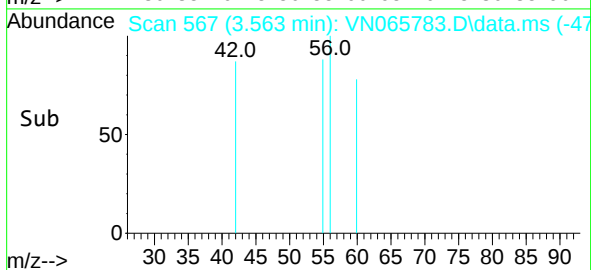
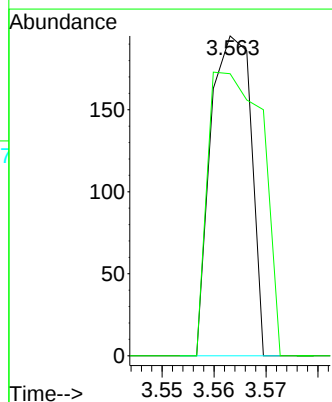
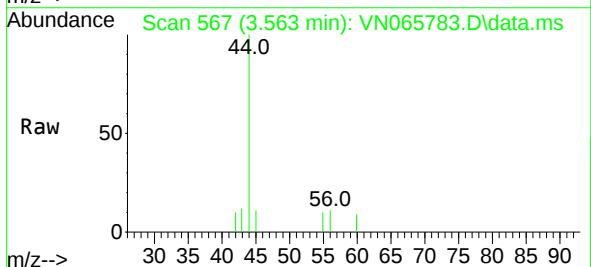
Instrument :
MSVOA_N
ClientSampled :

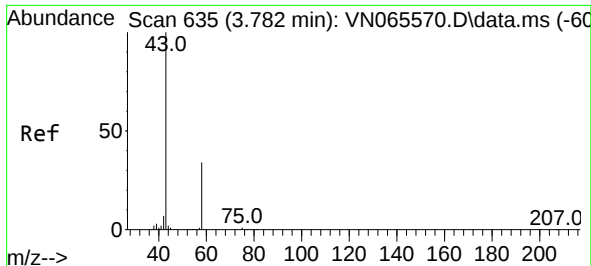
Tgt Ion:168 Resp: 173114
Ion Ratio Lower Upper
168 100
99 55.9 42.6 63.8



#13
Acrolein
Concen: 18.35 ug/l
RT: 3.563 min Scan# 567
Delta R.T. -0.006 min
Lab File: VN065783.D
Acq: 9 Feb 2021 16:24

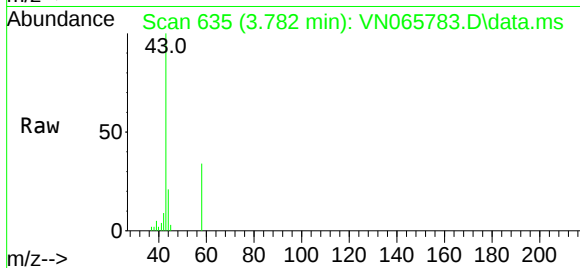
Tgt Ion: 56 Resp: 105
Ion Ratio Lower Upper
56 100
55 120.0 56.0 84.0#



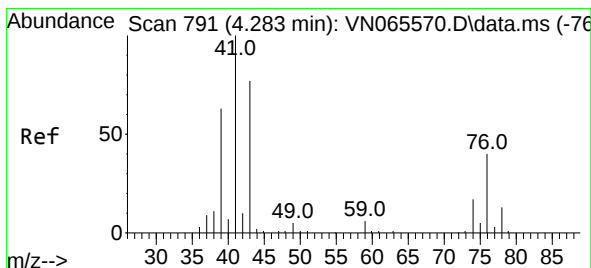
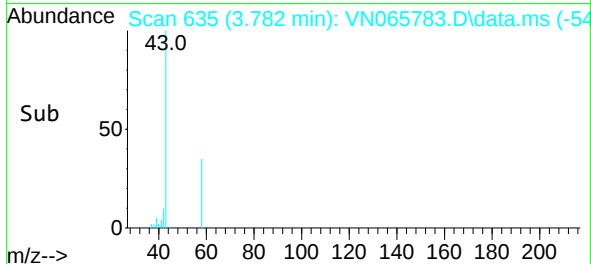
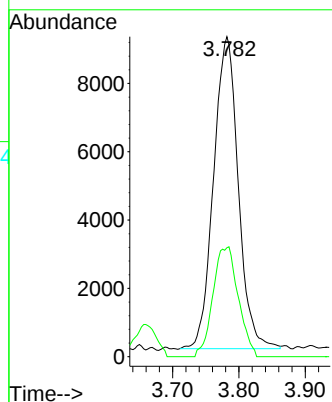


#16
Acetone
Concen: 26.63 ug/l
RT: 3.782 min Scan# 635
Delta R.T. -0.000 min
Lab File: VN065783.D
Acq: 9 Feb 2021 16:24

Instrument :
MSVOA_N
ClientSampled :

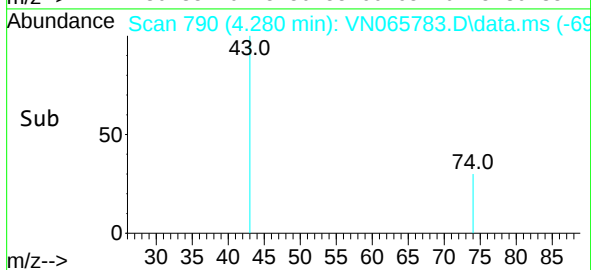
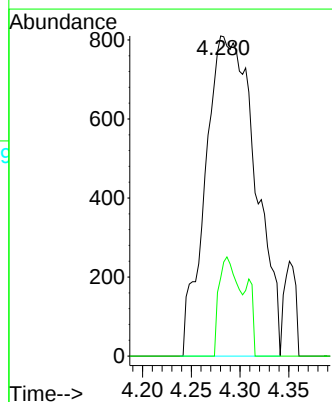
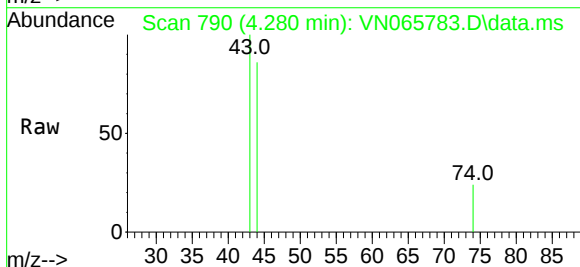


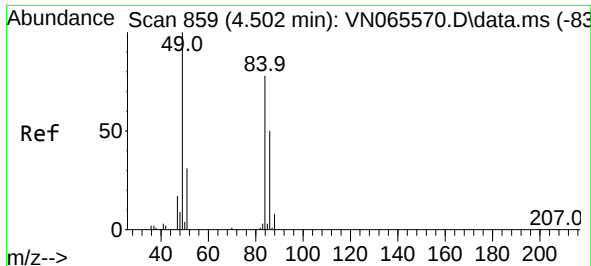
Tgt Ion: 43 Resp: 23610
Ion Ratio Lower Upper
43 100
58 34.9 27.0 40.6



#18
Methyl Acetate
Concen: 1.16 ug/l
RT: 4.280 min Scan# 790
Delta R.T. -0.003 min
Lab File: VN065783.D
Acq: 9 Feb 2021 16:24

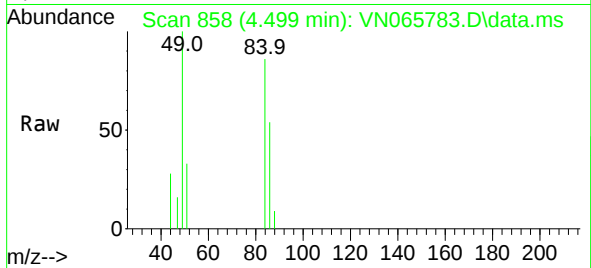
Tgt Ion: 43 Resp: 2878
Ion Ratio Lower Upper
43 100
74 12.1 19.5 29.3#





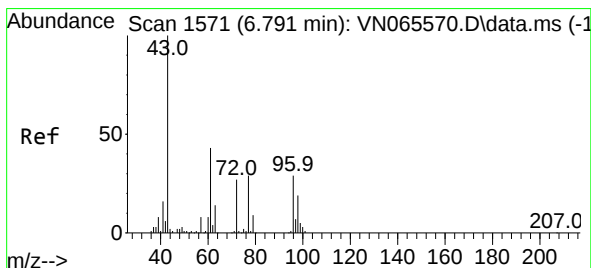
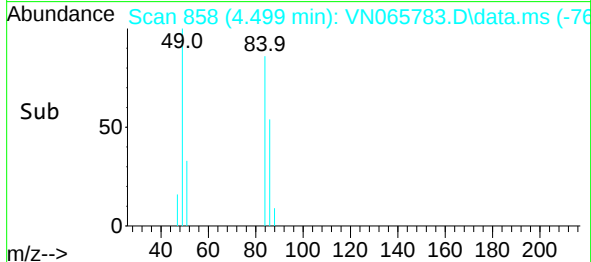
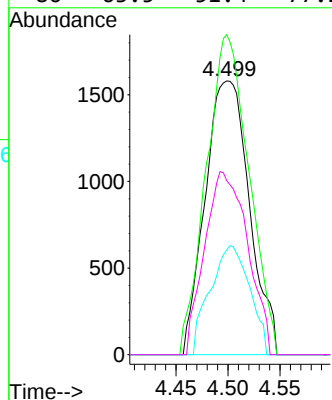
#20
Methylene Chloride
Concen: 1.91 ug/l
RT: 4.499 min Scan# 858
Delta R.T. -0.003 min
Lab File: VN065783.D
Acq: 9 Feb 2021 16:24

Instrument :
MSVOA_N
ClientSampleId :

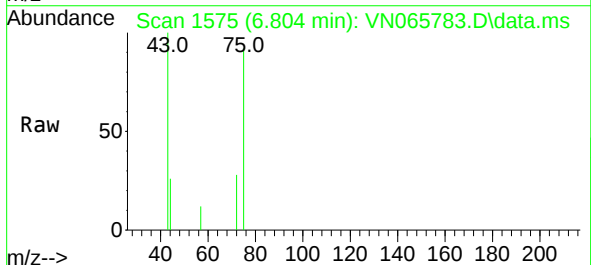


Tgt Ion: 84 Resp: 4684

Ion	Ratio	Lower	Upper
84	100		
49	116.9	94.6	141.8
51	38.3	29.9	44.9
86	63.5	51.4	77.2

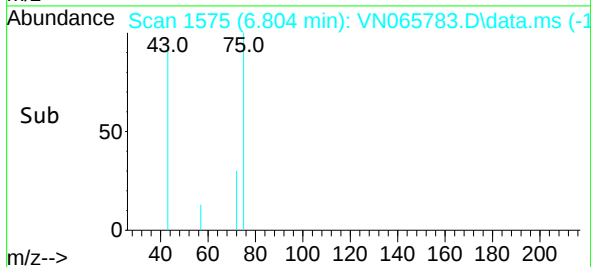
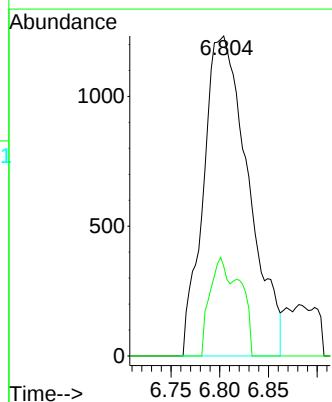


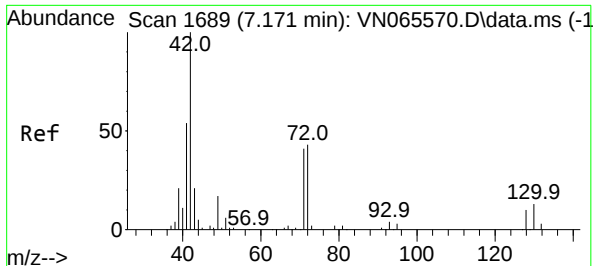
#25
2-Butanone
Concen: 2.84 ug/l
RT: 6.804 min Scan# 1575
Delta R.T. 0.013 min
Lab File: VN065783.D
Acq: 9 Feb 2021 16:24



Tgt Ion: 43 Resp: 3950

Ion	Ratio	Lower	Upper
43	100		
72	28.1	23.1	34.7





#29

Tetrahydrofuran

Concen: 0.40 ug/l

RT: 7.184 min Scan# 1693

Delta R.T. 0.013 min

Lab File: VN065783.D

Acq: 9 Feb 2021 16:24

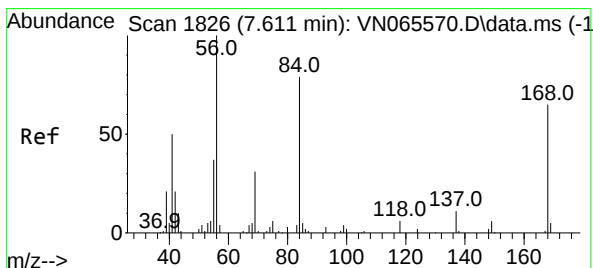
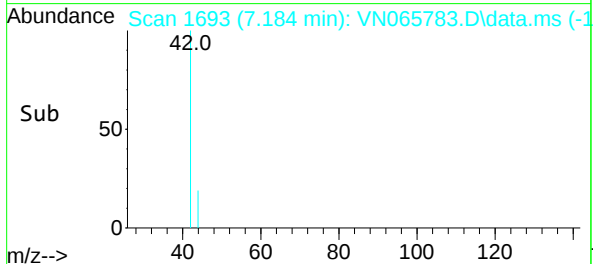
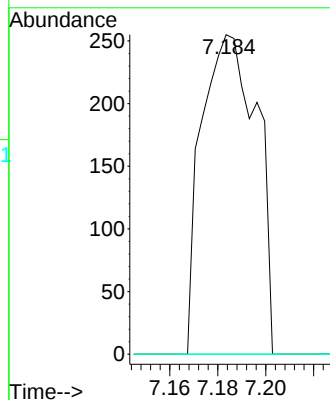
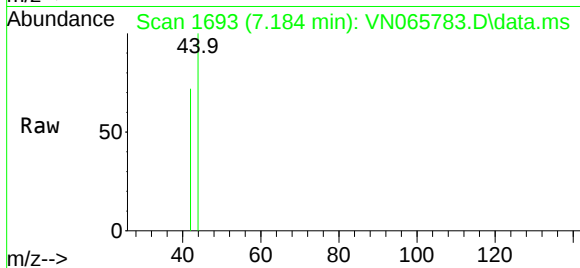
Tgt Ion: 42 Resp: 406

Ion Ratio Lower Upper

42 100

72 0.0 36.6 55.0#

71 0.0 34.3 51.5#



#31

Cyclohexane

Concen: 0.72 ug/l

RT: 7.624 min Scan# 1830

Delta R.T. 0.013 min

Lab File: VN065783.D

Acq: 9 Feb 2021 16:24

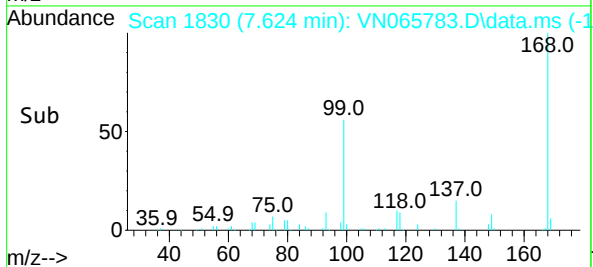
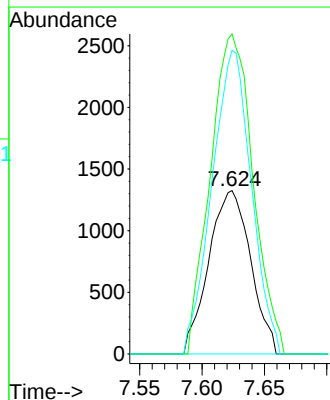
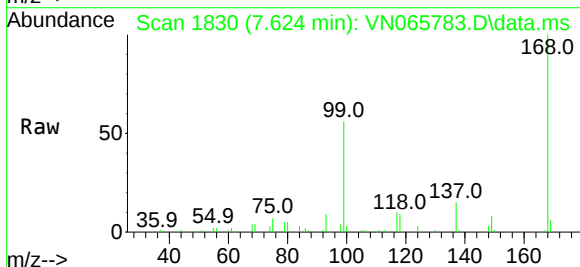
Tgt Ion: 56 Resp: 3094

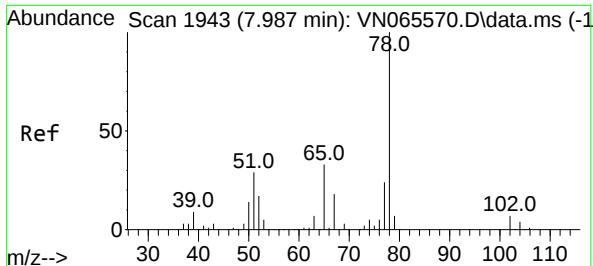
Ion Ratio Lower Upper

56 100

69 195.9 26.6 39.8#

84 185.9 70.4 105.6#

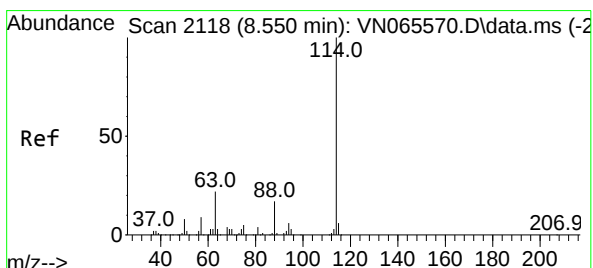
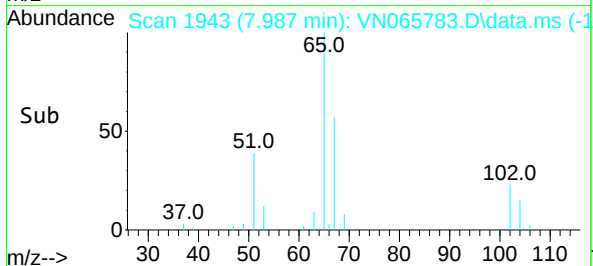
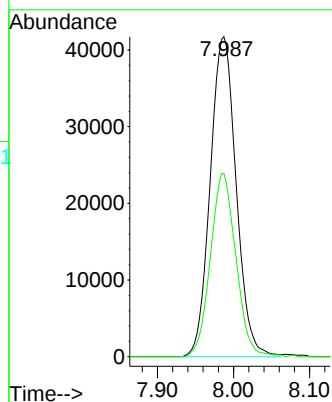
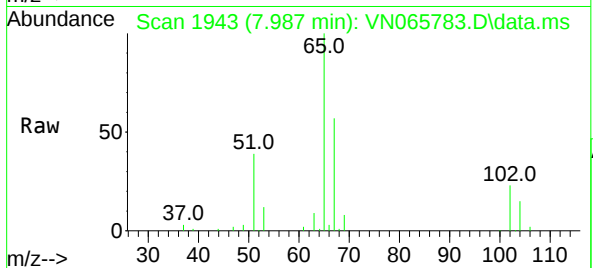




#33
1,2-Dichloroethane-d4
Concen: 43.43 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065783.D
Acq: 9 Feb 2021 16:24

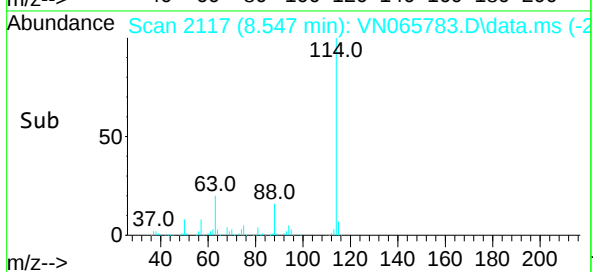
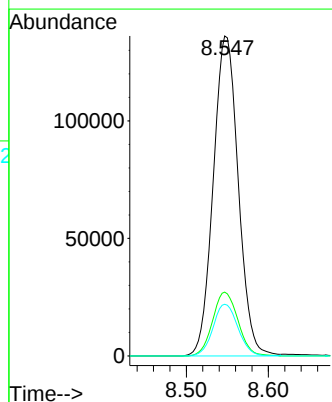
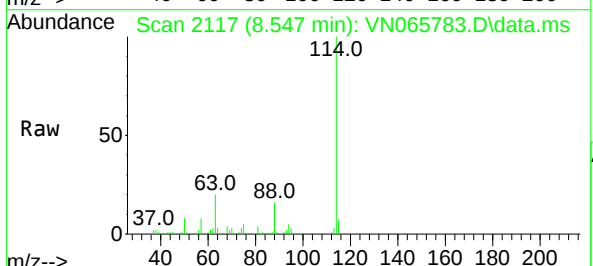
Instrument :
MSVOA_N
ClientSampled :

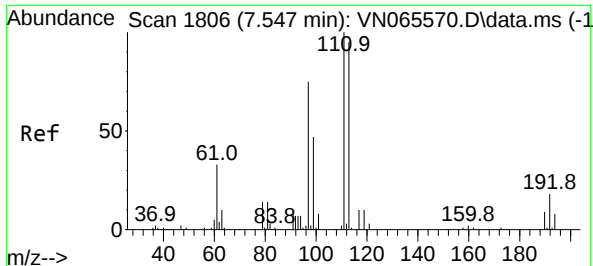
Tgt Ion: 65 Resp: 98918
Ion Ratio Lower Upper
65 100
67 56.2 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VN065783.D
Acq: 9 Feb 2021 16:24

Tgt Ion: 114 Resp: 288868
Ion Ratio Lower Upper
114 100
63 20.0 0.0 38.6
88 16.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.09 ug/l

RT: 7.547 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN065783.D

Acq: 9 Feb 2021 16:24

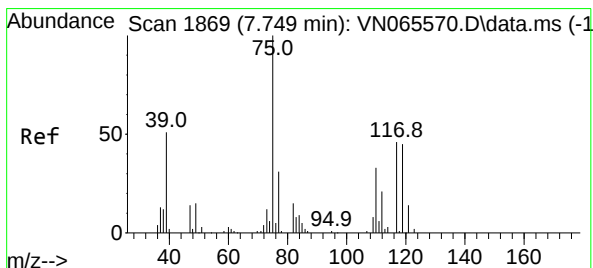
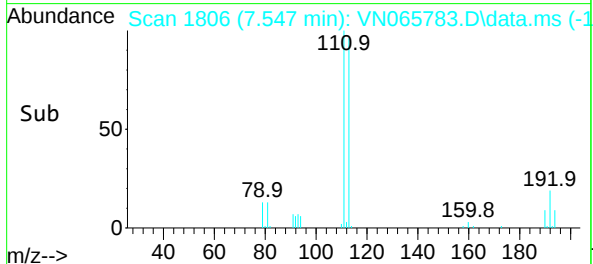
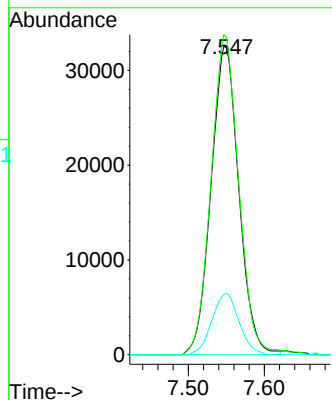
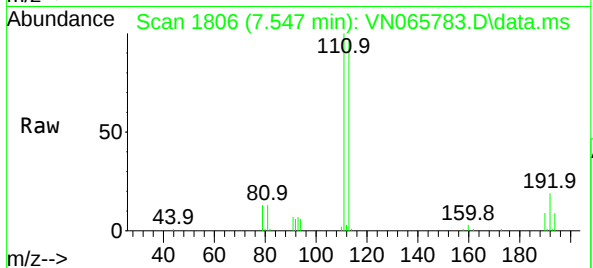
Tgt Ion:113 Resp: 82317

Ion Ratio Lower Upper

113 100

111 103.8 82.2 123.2

192 19.4 15.4 23.0



#36

1,1-Dichloropropene

Concen: 4.28 ug/l

RT: 7.624 min Scan# 1830

Delta R.T. -0.125 min

Lab File: VN065783.D

Acq: 9 Feb 2021 16:24

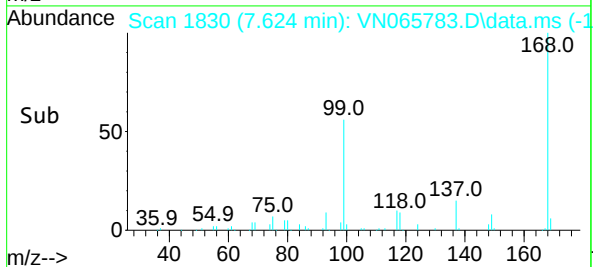
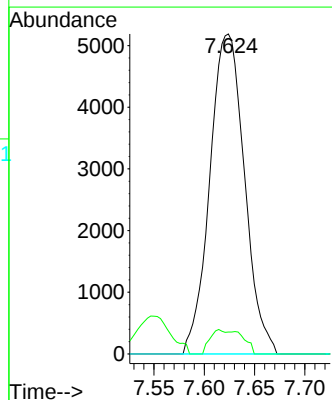
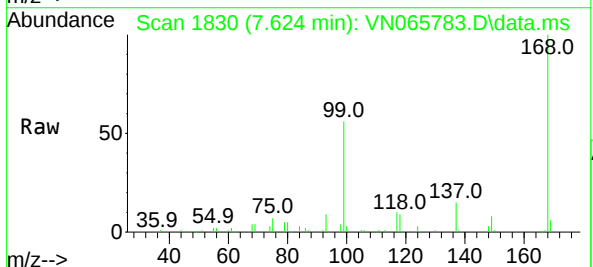
Tgt Ion: 75 Resp: 12445

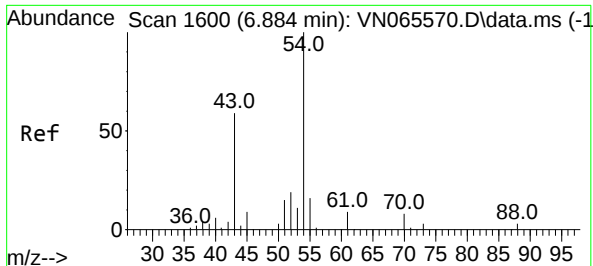
Ion Ratio Lower Upper

75 100

110 4.5 18.2 54.6#

77 0.0 24.9 37.3#





#37

Ethyl Acetate

Concen: 1.42 ug/l

RT: 6.804 min Scan# 1575

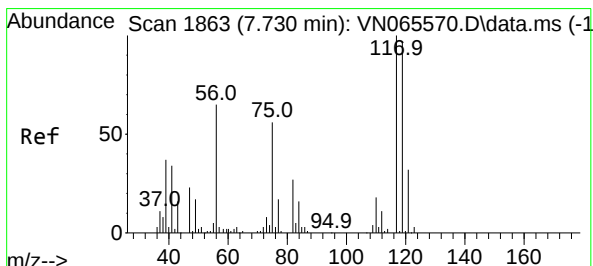
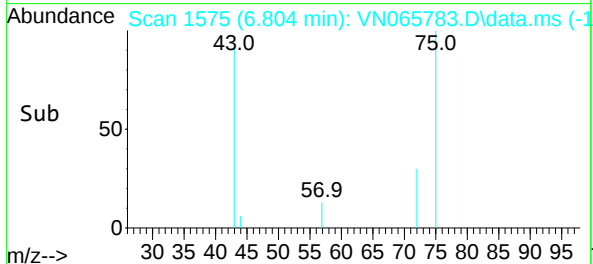
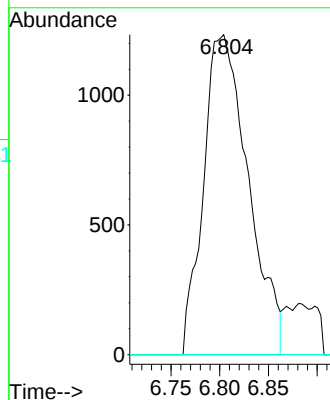
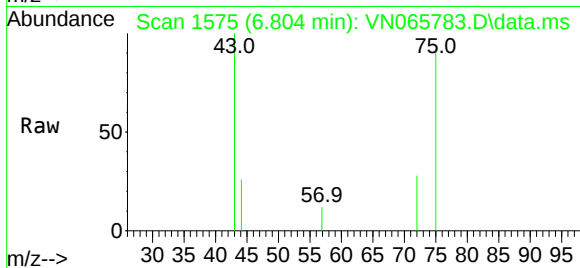
Delta R.T. -0.080 min

Lab File: VN065783.D

Acq: 9 Feb 2021 16:24

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:	43	Resp:	3950
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.6	17.4#
70	0.0	8.6	13.0#



#38

Carbon Tetrachloride

Concen: 6.74 ug/l

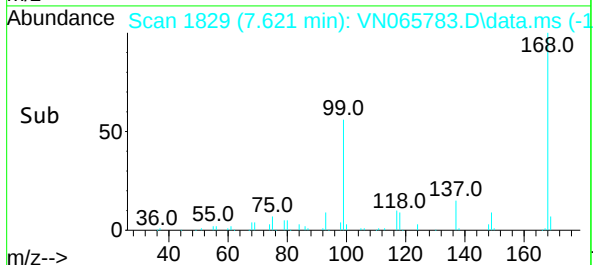
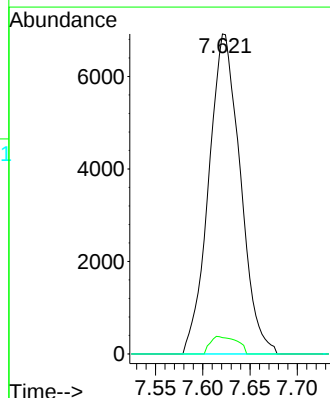
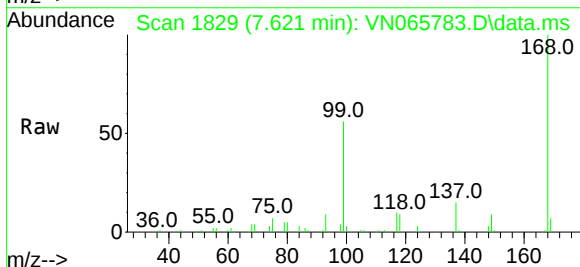
RT: 7.621 min Scan# 1829

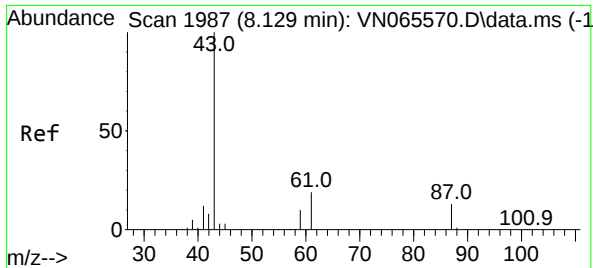
Delta R.T. -0.109 min

Lab File: VN065783.D

Acq: 9 Feb 2021 16:24

Tgt Ion:	117	Resp:	16119
Ion	Ratio	Lower	Upper
117	100		
119	5.1	76.0	114.0#
121	0.0	24.5	36.7#

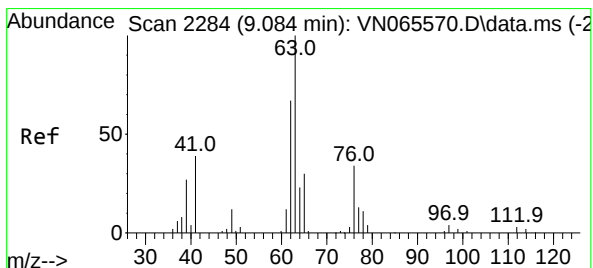
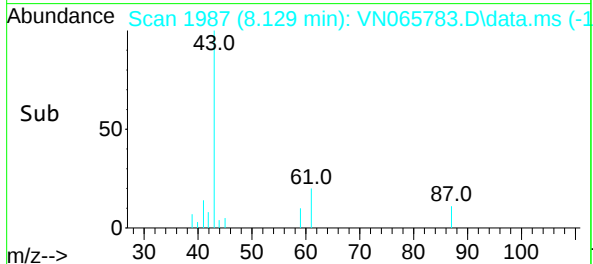
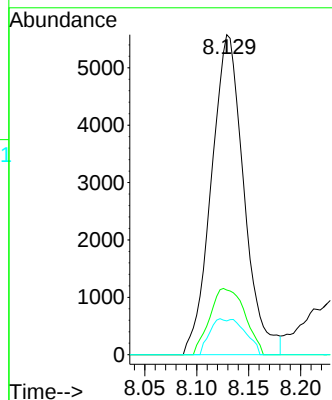
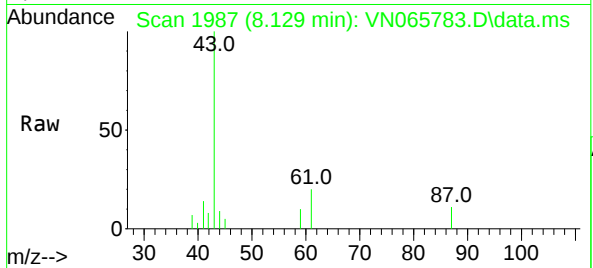




#43
Isopropyl Acetate
Concen: 2.46 ug/l
RT: 8.129 min Scan# 1987
Delta R.T. -0.000 min
Lab File: VN065783.D
Acq: 9 Feb 2021 16:24

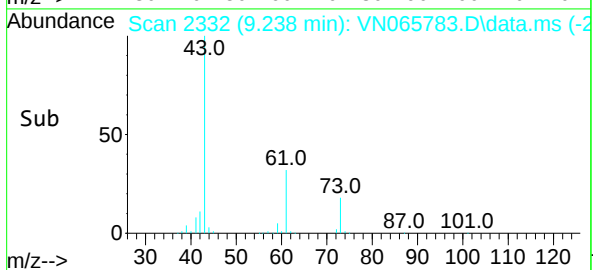
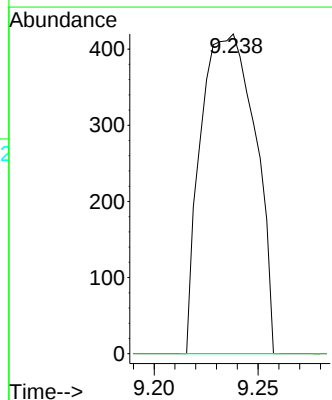
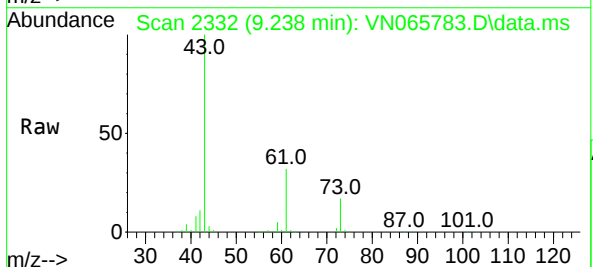
Instrument :
MSVOA_N
ClientSampled :

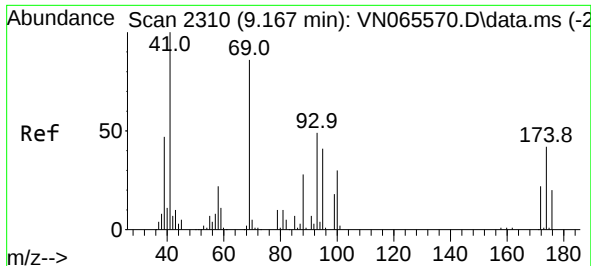
Tgt Ion: 43 Resp: 12145
Ion Ratio Lower Upper
43 100
61 22.3 22.5 33.7#
87 6.1 11.1 16.7#



#45
1,2-Dichloropropane
Concen: 0.31 ug/l
RT: 9.238 min Scan# 2332
Delta R.T. 0.154 min
Lab File: VN065783.D
Acq: 9 Feb 2021 16:24

Tgt Ion: 63 Resp: 761
Ion Ratio Lower Upper
63 100
65 0.0 24.9 37.3#

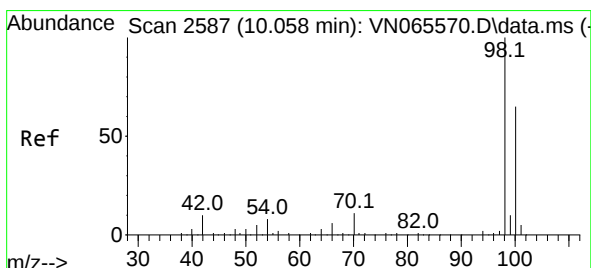
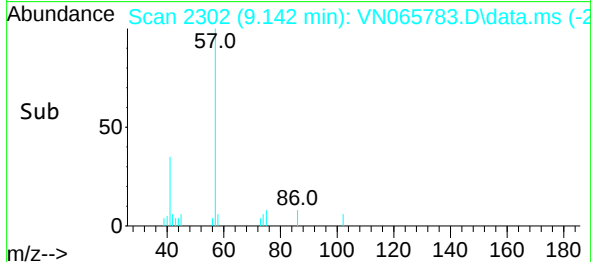
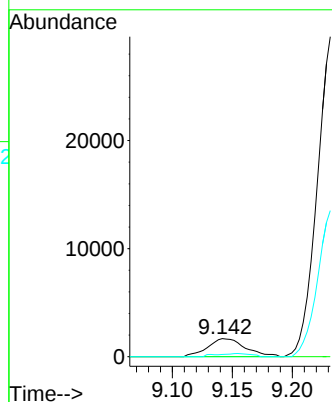
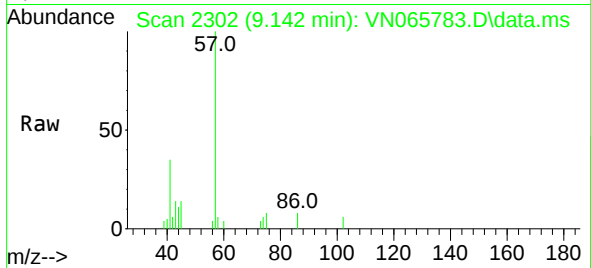




#48
Methyl methacrylate
Concen: 1.56 ug/l
RT: 9.142 min Scan# 2302
Delta R.T. -0.025 min
Lab File: VN065783.D
Acq: 9 Feb 2021 16:24

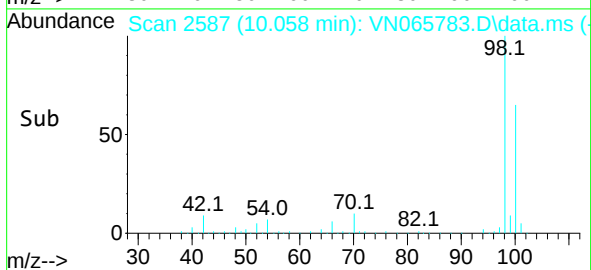
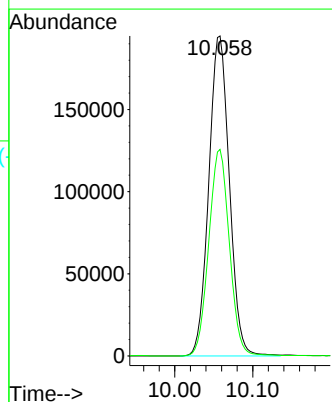
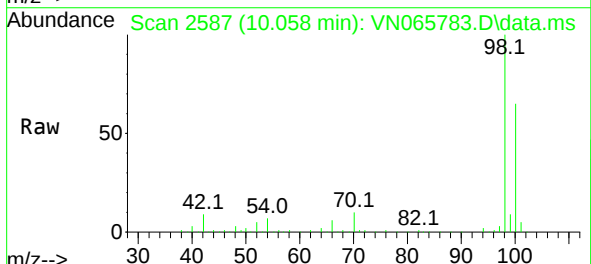
Instrument :
MSVOA_N
ClientSampled :

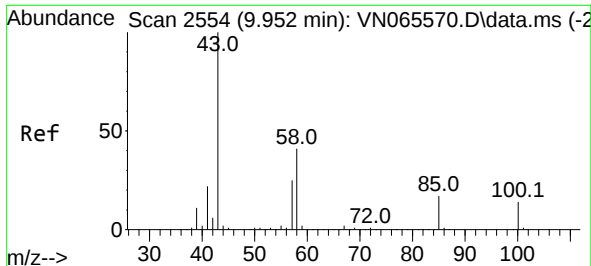
Tgt Ion: 41 Resp: 3648
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 0.0 46.6 69.8#



#50
Toluene-d8
Concen: 53.10 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN065783.D
Acq: 9 Feb 2021 16:24

Tgt Ion: 98 Resp: 357322
Ion Ratio Lower Upper
98 100
100 64.8 50.5 75.7

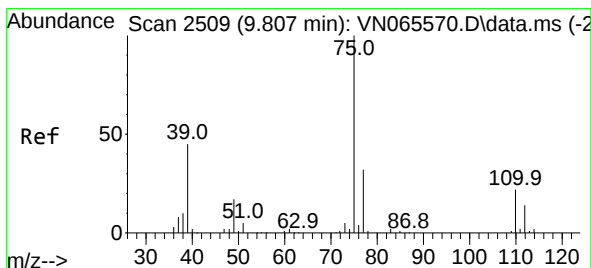
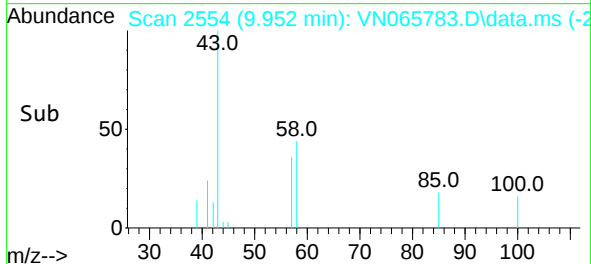
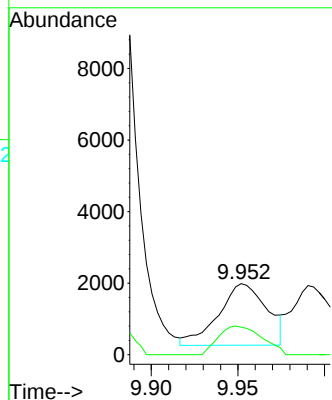
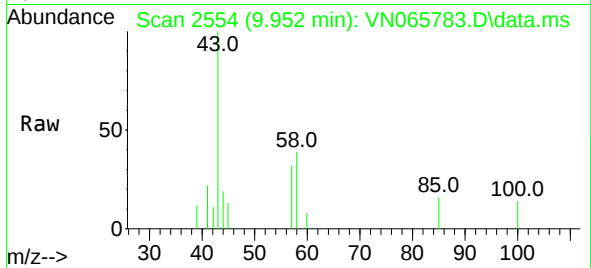




#51
4-Methyl-2-Pentanone
Concen: 1.22 ug/l
RT: 9.952 min Scan# 2554
Delta R.T. -0.000 min
Lab File: VN065783.D
Acq: 9 Feb 2021 16:24

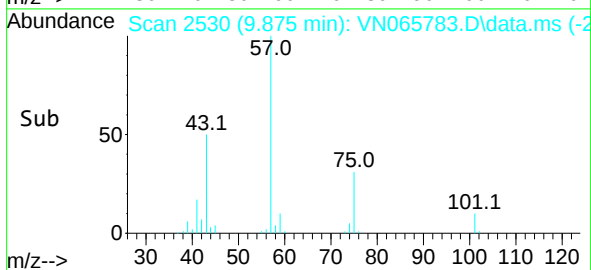
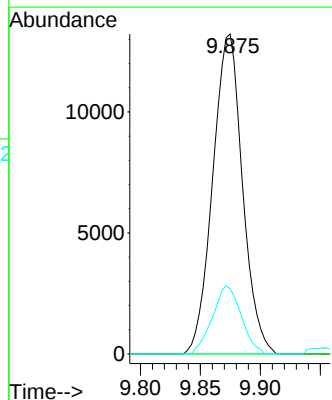
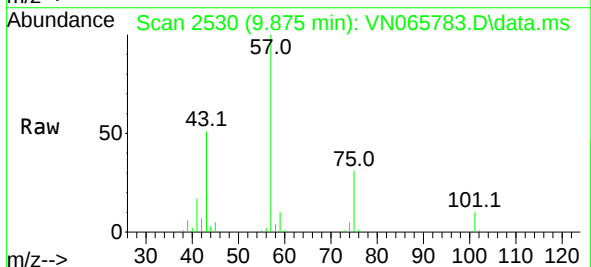
Instrument :
MSVOA_N
ClientSampled :

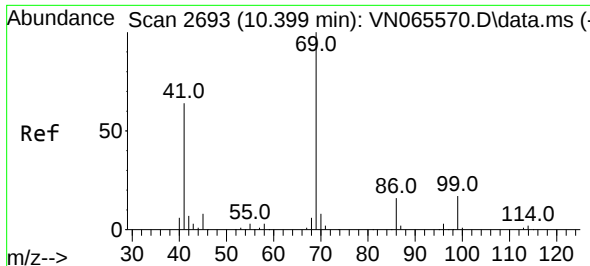
Tgt Ion: 43 Resp: 3331
Ion Ratio Lower Upper
43 100
58 42.2 32.5 48.7



#54
cis-1,3-Dichloropropene
Concen: 6.06 ug/l
RT: 9.875 min Scan# 2530
Delta R.T. 0.068 min
Lab File: VN065783.D
Acq: 9 Feb 2021 16:24

Tgt Ion: 75 Resp: 22771
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#
39 20.3 36.2 54.4#

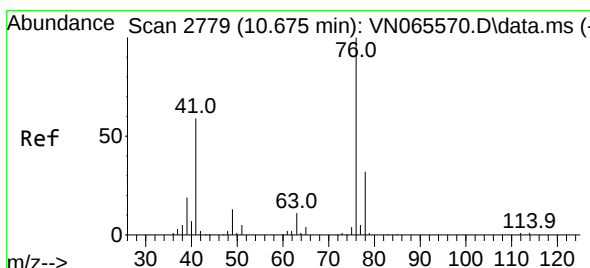
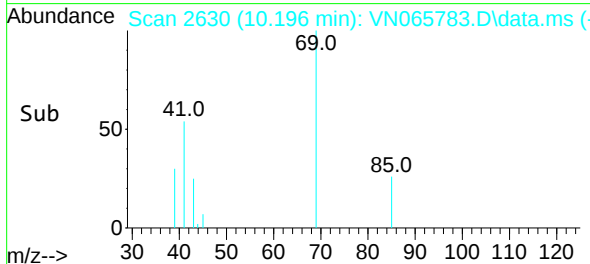
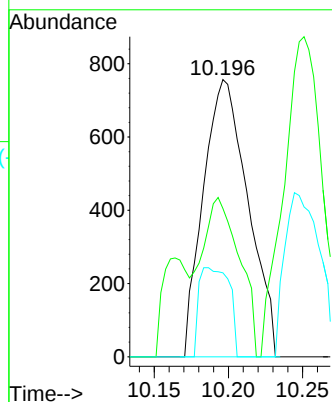
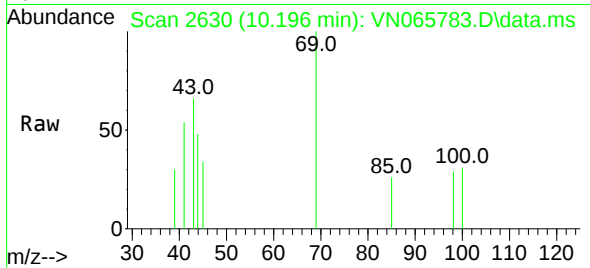




#56
Ethyl methacrylate
Concen: 0.48 ug/l
RT: 10.196 min Scan# 2630
Delta R.T. -0.203 min
Lab File: VN065783.D
Acq: 9 Feb 2021 16:24

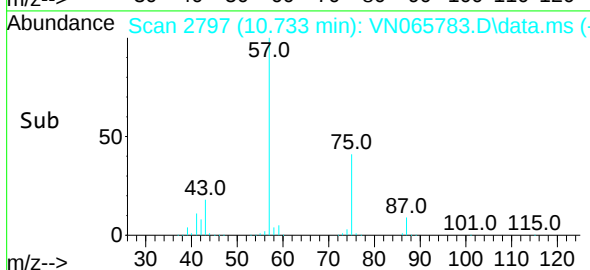
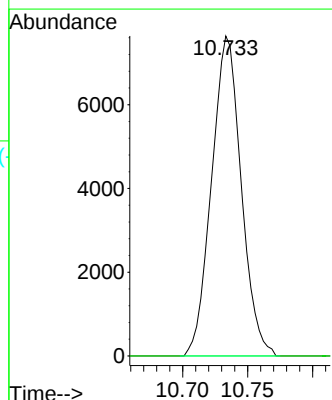
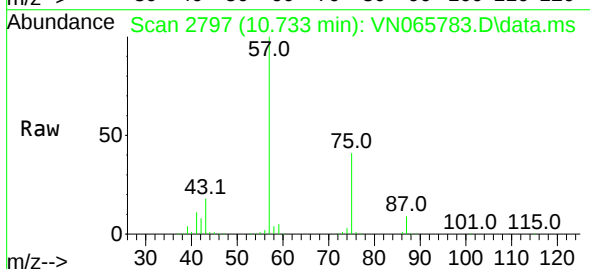
Instrument :
MSVOA_N
ClientSampled :

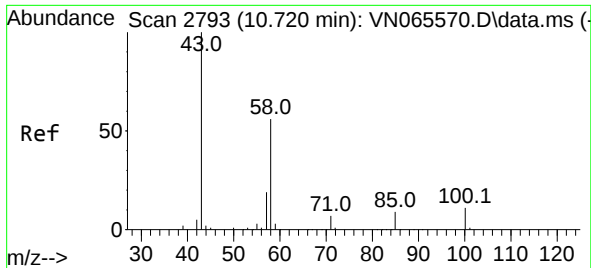
Tgt Ion: 69 Resp: 1582
Ion Ratio Lower Upper
69 100
41 46.5 49.6 74.4#
39 21.7 28.0 42.0#



#57
1,3-Dichloropropane
Concen: 3.43 ug/l
RT: 10.733 min Scan# 2797
Delta R.T. 0.058 min
Lab File: VN065783.D
Acq: 9 Feb 2021 16:24

Tgt Ion: 76 Resp: 12118
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#

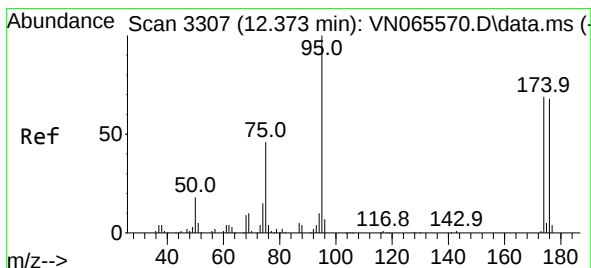
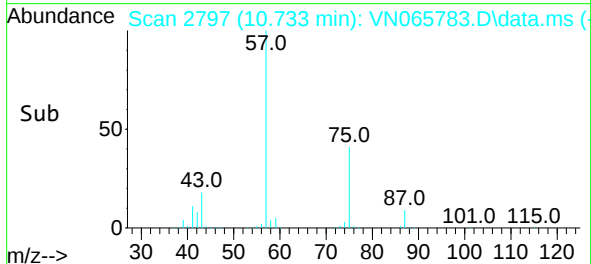
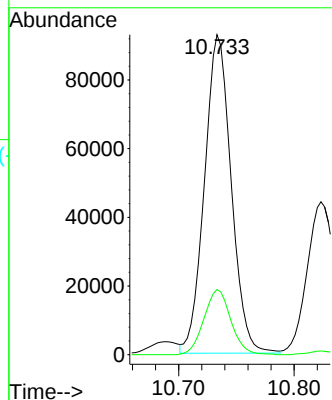
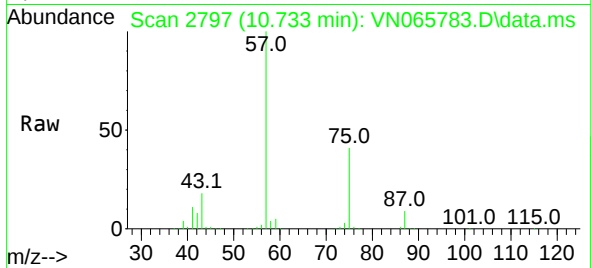




#59
2-Hexanone
Concen: 78.79 ug/l
RT: 10.733 min Scan# 2797
Delta R.T. 0.013 min
Lab File: VN065783.D
Acq: 9 Feb 2021 16:24

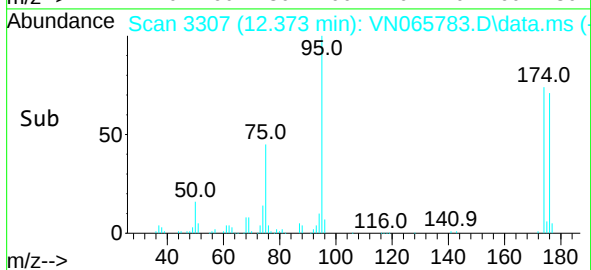
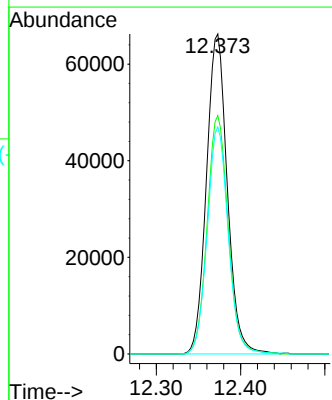
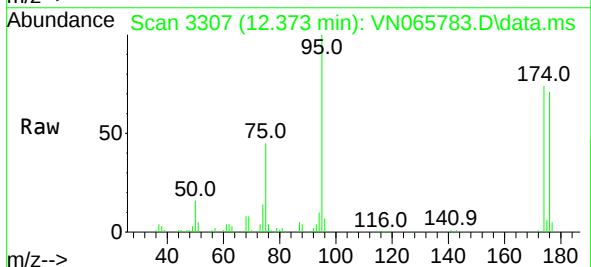
Instrument :
MSVOA_N
ClientSampled :

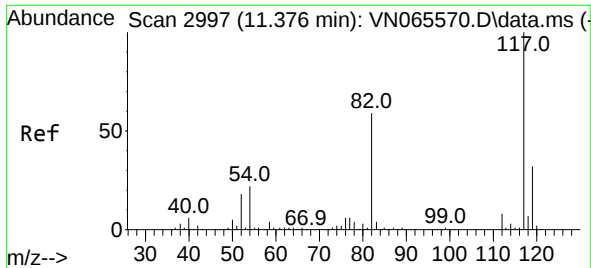
Tgt Ion: 43 Resp: 149119
Ion Ratio Lower Upper
43 100
58 20.6 28.1 84.3#



#62
4-Bromofluorobenzene
Concen: 47.08 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065783.D
Acq: 9 Feb 2021 16:24

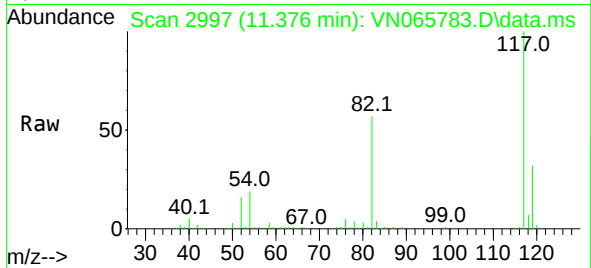
Tgt Ion: 95 Resp: 114080
Ion Ratio Lower Upper
95 100
174 75.1 0.0 169.0
176 71.2 0.0 162.4



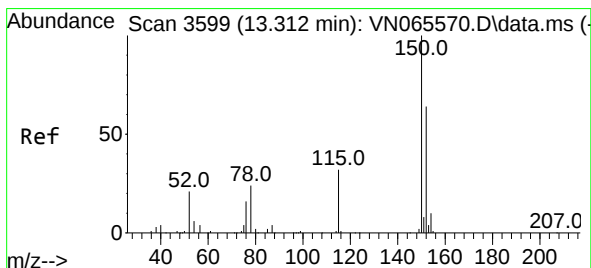
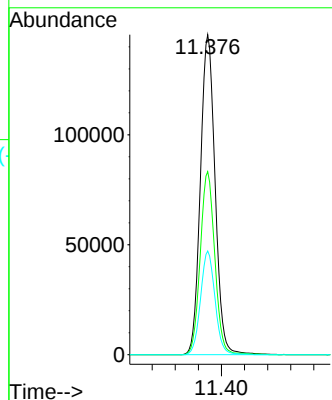
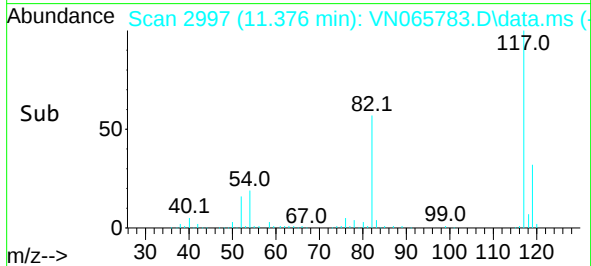


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065783.D
Acq: 9 Feb 2021 16:24

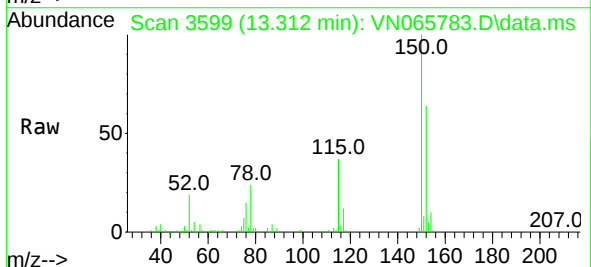
Instrument :
MSVOA_N
ClientSampled :



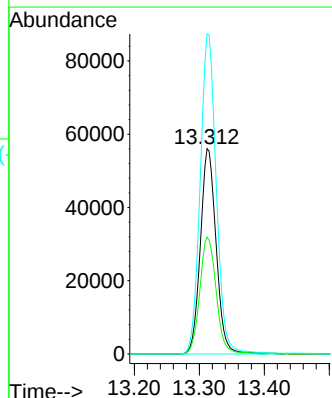
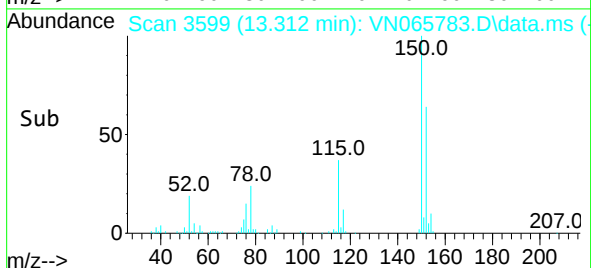
Tgt Ion:117 Resp: 257329
Ion Ratio Lower Upper
117 100
82 57.2 43.7 65.5
119 32.4 26.1 39.1

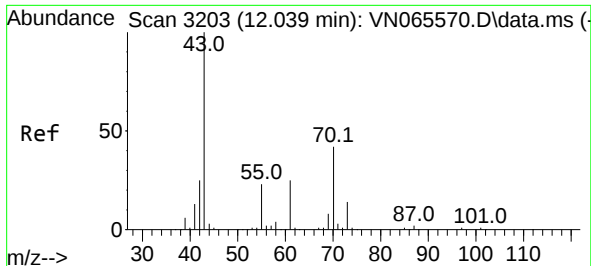


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.312 min Scan# 3599
Delta R.T. -0.000 min
Lab File: VN065783.D
Acq: 9 Feb 2021 16:24



Tgt Ion:152 Resp: 94896
Ion Ratio Lower Upper
152 100
115 59.0 28.5 85.6
150 158.8 0.0 347.6

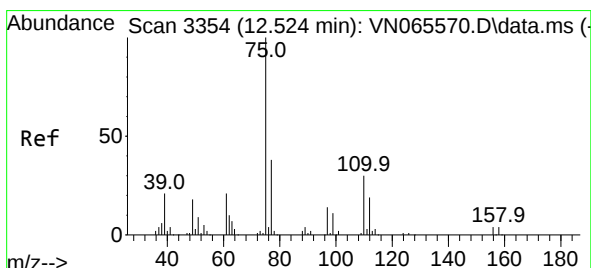
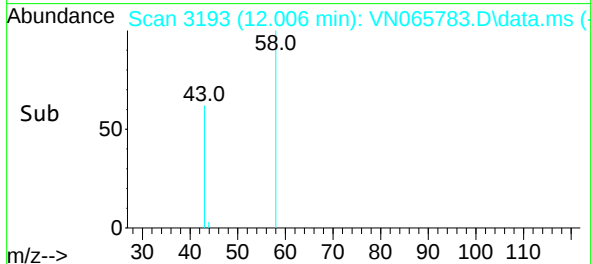
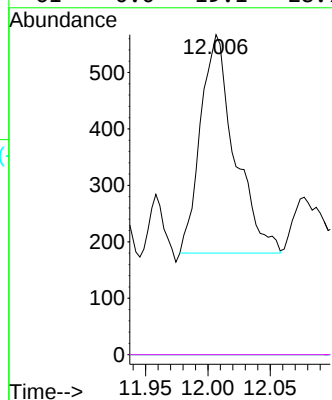
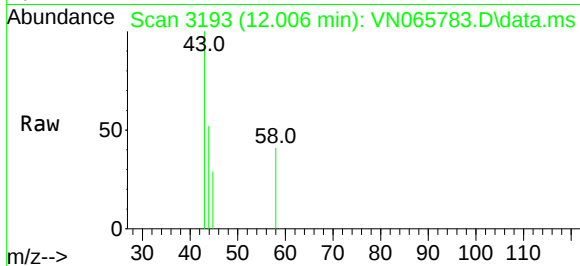




#74
N-amy1 acetate
Concen: 0.21 ug/l
RT: 12.006 min Scan# 3193
Delta R.T. -0.033 min
Lab File: VN065783.D
Acq: 9 Feb 2021 16:24

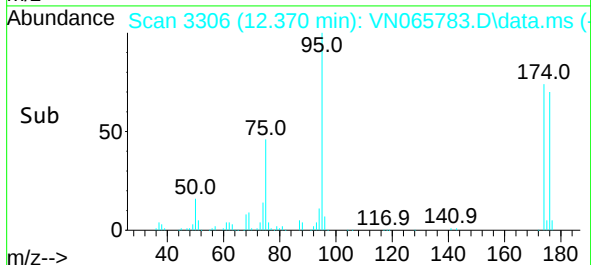
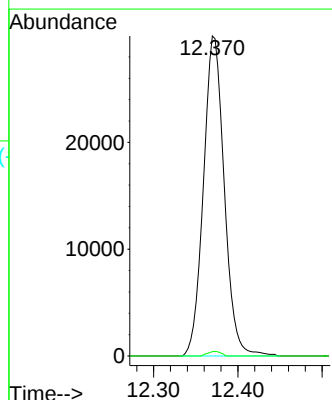
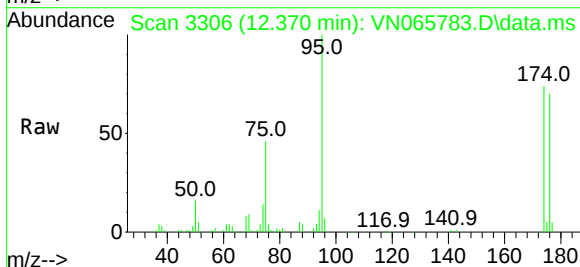
Instrument :
MSVOA_N
ClientSampled :

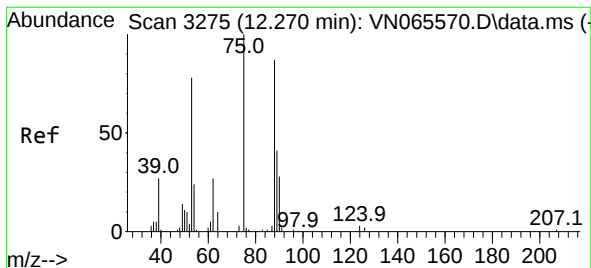
Tgt Ion: 43 Resp: 738
Ion Ratio Lower Upper
43 100
70 0.0 34.4 51.6#
55 0.0 20.7 31.1#
61 0.0 19.1 28.7#



#76
1,2,3-Trichloropropane
Concen: 20.79 ug/l
RT: 12.370 min Scan# 3306
Delta R.T. -0.154 min
Lab File: VN065783.D
Acq: 9 Feb 2021 16:24

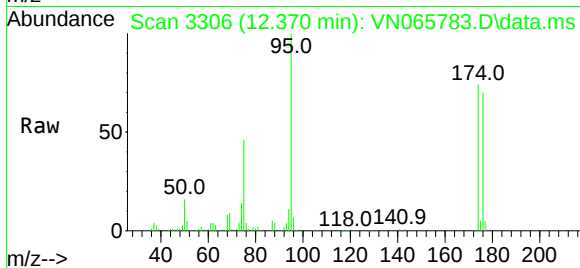
Tgt Ion: 75 Resp: 51587
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#



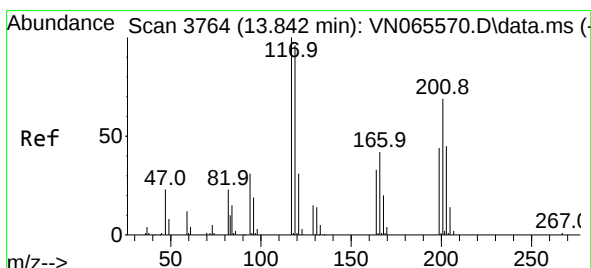
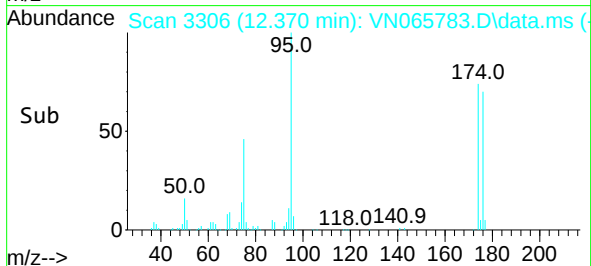
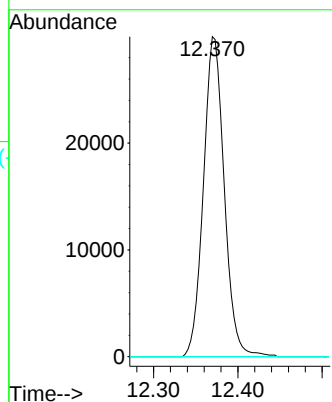


#81
trans-1,4-Dichloro-2-butene
Concen: 53.25 ug/l
RT: 12.370 min Scan# 3306
Delta R.T. 0.100 min
Lab File: VN065783.D
Acq: 9 Feb 2021 16:24

Instrument :
MSVOA_N
ClientSampled :

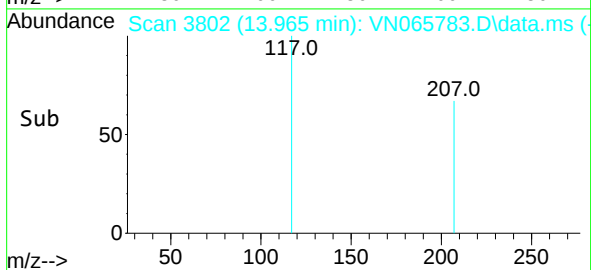
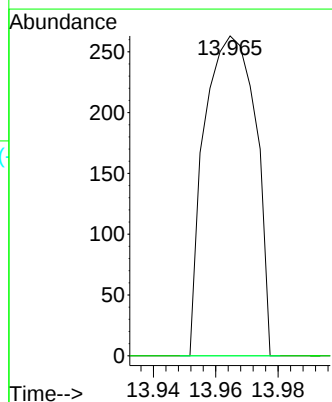
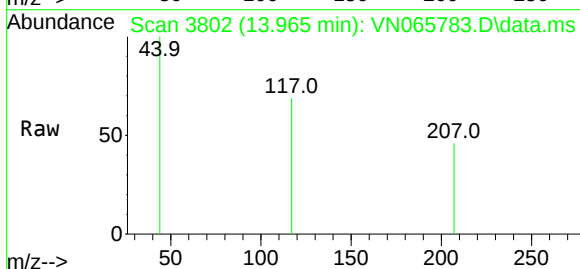


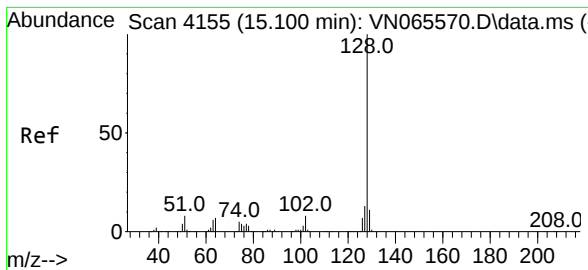
Tgt Ion: 75 Resp: 51587
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#



#90
Hexachloroethane
Concen: 0.24 ug/l
RT: 13.965 min Scan# 3802
Delta R.T. 0.123 min
Lab File: VN065783.D
Acq: 9 Feb 2021 16:24

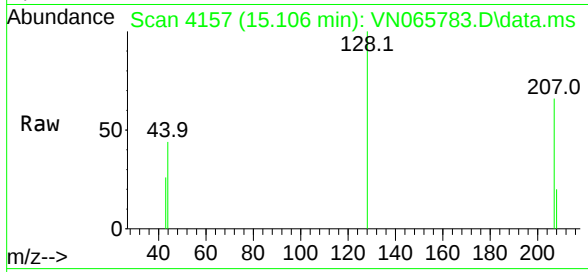
Tgt Ion: 117 Resp: 298
Ion Ratio Lower Upper
117 100
201 0.0 37.8 113.3#





#95
Naphthalene
Concen: 3.72 ug/l
RT: 15.106 min Scan# 4157
Delta R.T. 0.006 min
Lab File: VN065783.D
Acq: 9 Feb 2021 16:24

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 1784
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

