

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020921\
 Data File : VN065785.D
 Acq On : 9 Feb 2021 17:13
 Operator : JC/MD
 Sample : M1317-15
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 10 01:00:02 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)

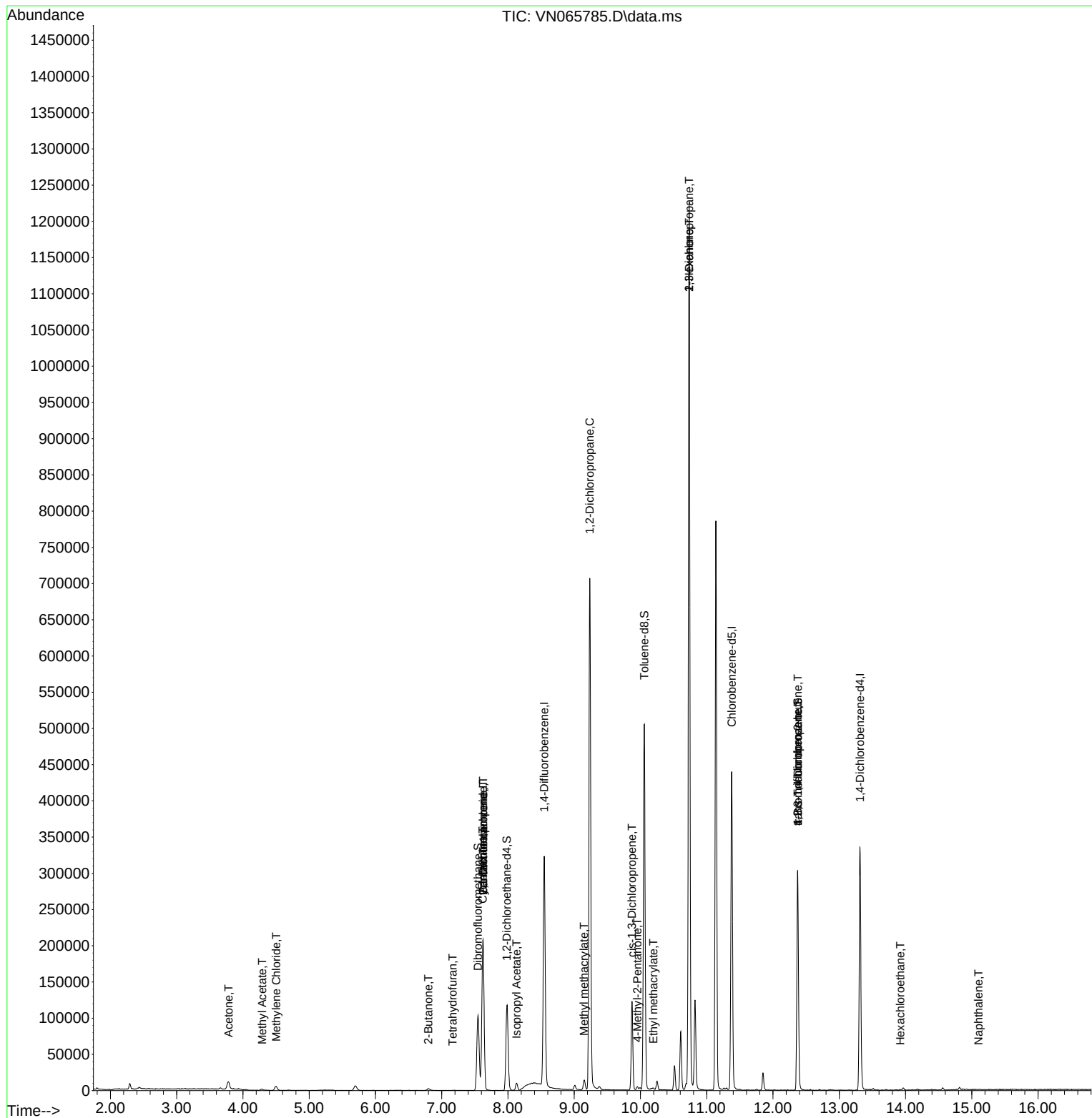
Internal Standards						
1) Pentafluorobenzene	7.624	168	179442	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	300788	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	270164	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	101045	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	100331	42.50	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	85.00%		
35) Dibromofluoromethane	7.547	113	85178	47.79	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.58%		
50) Toluene-d8	10.058	98	369863	52.79	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	105.58%		
62) 4-Bromofluorobenzene	12.373	95	121967	48.34	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.68%		
Target Compounds					Qvalue	
16) Acetone	3.782	43	16135	17.56	ug/l	96
18) Methyl Acetate	4.290	43	3621	1.41	ug/l #	72
20) Methylene Chloride	4.502	84	4624	1.82	ug/l	88
25) 2-Butanone	6.798	43	1348	0.94	ug/l	99
29) Tetrahydrofuran	7.168	42	235	0.22	ug/l #	32
31) Cyclohexane	7.618	56	3097	0.70	ug/l #	1
36) 1,1-Dichloropropene	7.624	75	12788	4.22	ug/l #	47
38) Carbon Tetrachloride	7.624	117	16381	6.57	ug/l #	17
43) Isopropyl Acetate	8.129	43	12207	2.37	ug/l	93
45) 1,2-Dichloropropane	9.235	63	894	0.35	ug/l #	44
48) Methyl methacrylate	9.148	41	3517	1.44	ug/l #	10
51) 4-Methyl-2-Pentanone	9.952	43	3124	1.10	ug/l	98
54) cis-1,3-Dichloropropene	9.872	75	24425	6.25	ug/l #	56
56) Ethyl methacrylate	10.196	69	1488	0.43	ug/l #	83
57) 1,3-Dichloropropane	10.733	76	13166	3.58	ug/l #	43
59) 2-Hexanone	10.733	43	165384	83.92	ug/l #	51
76) 1,2,3-Trichloropropane	12.373	75	54373	20.58	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	54373	52.71	ug/l #	12
90) Hexachloroethane	13.923	117	681	0.52	ug/l #	12
95) Naphthalene	15.100	128	325	3.50	ug/l #	69

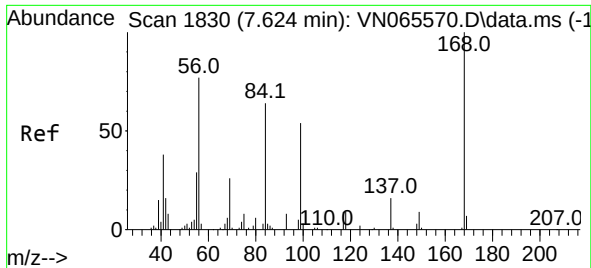
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : M1317-15
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ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

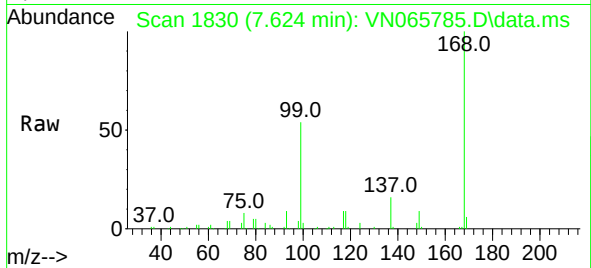
Quant Time: Feb 10 01:00:02 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 25 13:47:28 2021
Response via : Initial Calibration



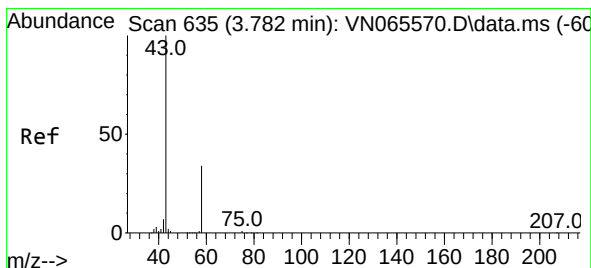
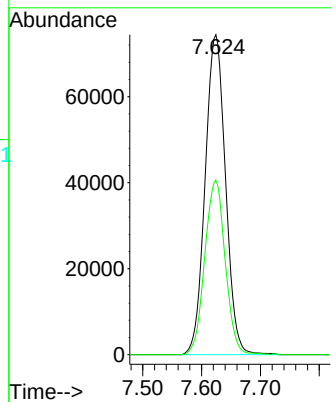
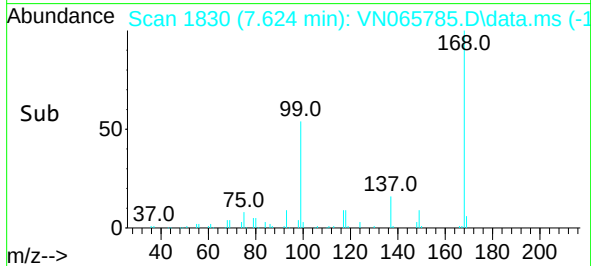


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN065785.D
Acq: 9 Feb 2021 17:13

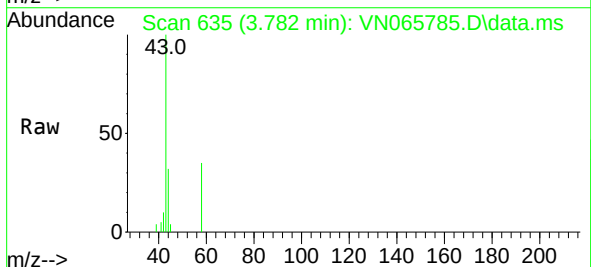
Instrument :
MSVOA_N
ClientSampled :



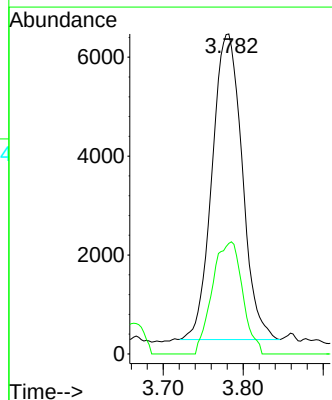
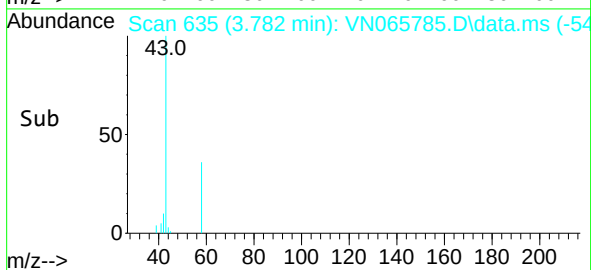
Tgt Ion:168 Resp: 179442
Ion Ratio Lower Upper
168 100
99 54.5 42.6 63.8

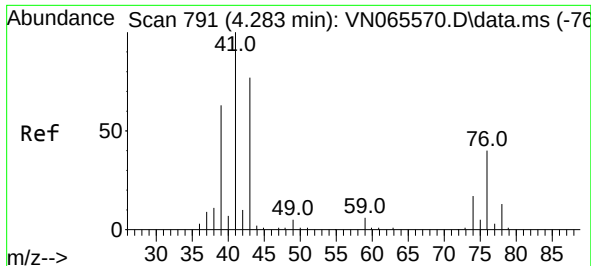


#16
Acetone
Concen: 17.56 ug/l
RT: 3.782 min Scan# 635
Delta R.T. -0.000 min
Lab File: VN065785.D
Acq: 9 Feb 2021 17:13



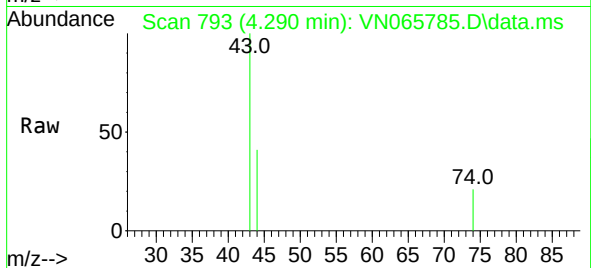
Tgt Ion: 43 Resp: 16135
Ion Ratio Lower Upper
43 100
58 36.2 27.0 40.6



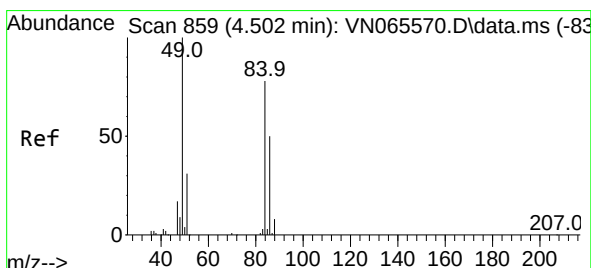
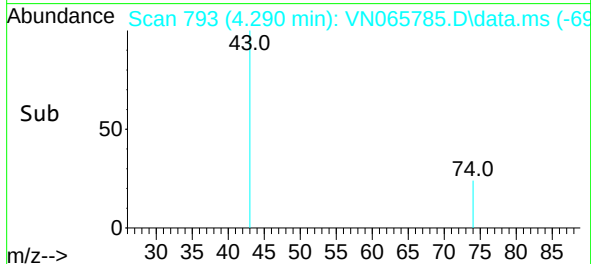
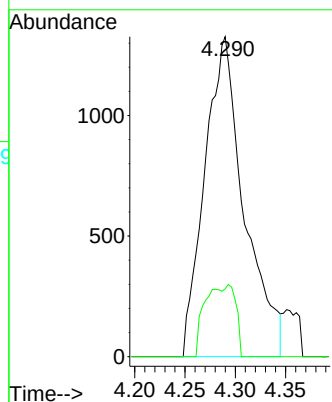


#18
Methyl Acetate
Concen: 1.41 ug/l
RT: 4.290 min Scan# 793
Delta R.T. 0.007 min
Lab File: VN065785.D
Acq: 9 Feb 2021 17:13

Instrument :
MSVOA_N
ClientSampled :

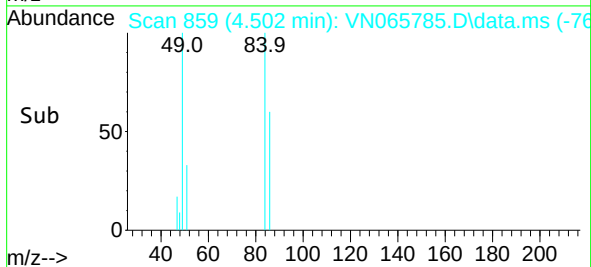
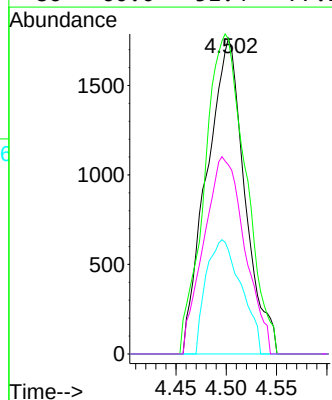
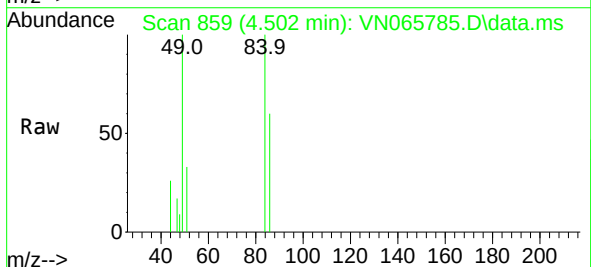


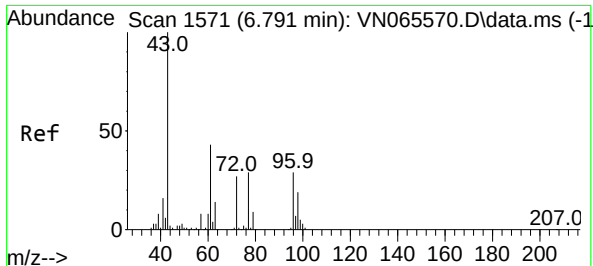
Tgt Ion: 43 Resp: 3621
Ion Ratio Lower Upper
43 100
74 10.5 19.5 29.3#



#20
Methylene Chloride
Concen: 1.82 ug/l
RT: 4.502 min Scan# 859
Delta R.T. 0.000 min
Lab File: VN065785.D
Acq: 9 Feb 2021 17:13

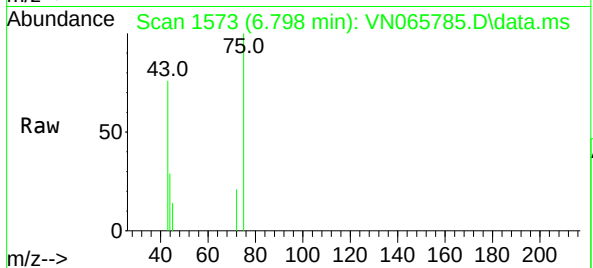
Tgt Ion: 84 Resp: 4624
Ion Ratio Lower Upper
84 100
49 99.8 94.6 141.8
51 33.0 29.9 44.9
86 60.0 51.4 77.2



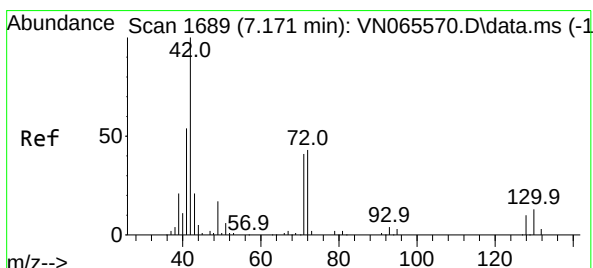
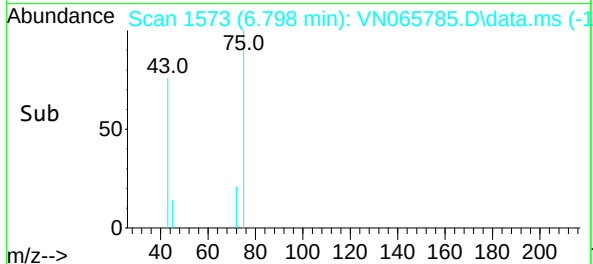
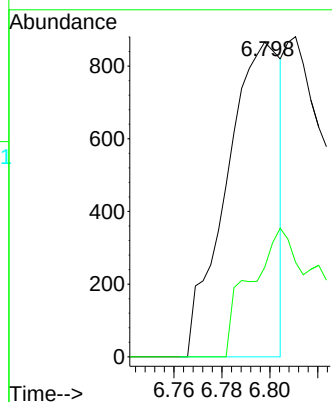


#25
2-Butanone
Concen: 0.94 ug/l
RT: 6.798 min Scan# 1573
Delta R.T. 0.007 min
Lab File: VN065785.D
Acq: 9 Feb 2021 17:13

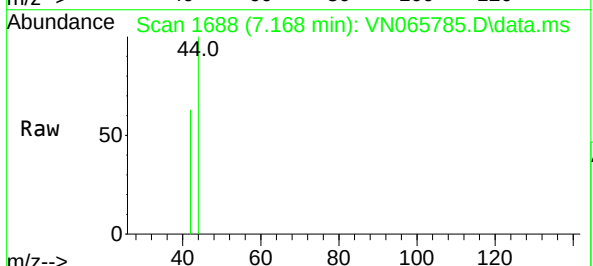
Instrument :
MSVOA_N
ClientSampled :



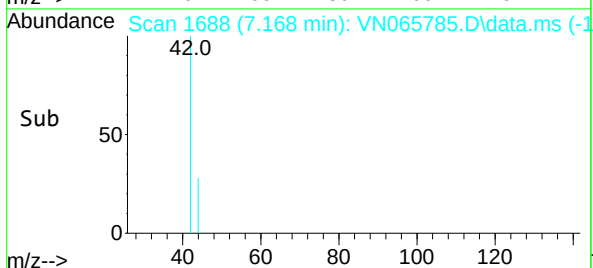
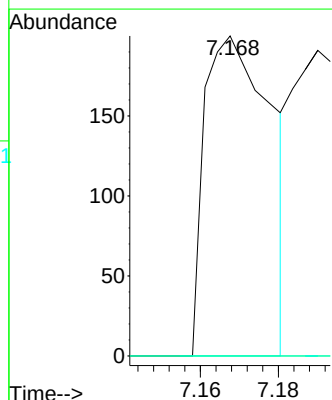
Tgt Ion: 43 Resp: 1348
Ion Ratio Lower Upper
43 100
72 28.4 23.1 34.7

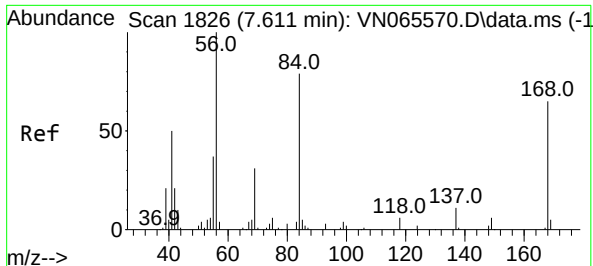


#29
Tetrahydrofuran
Concen: 0.22 ug/l
RT: 7.168 min Scan# 1688
Delta R.T. -0.003 min
Lab File: VN065785.D
Acq: 9 Feb 2021 17:13



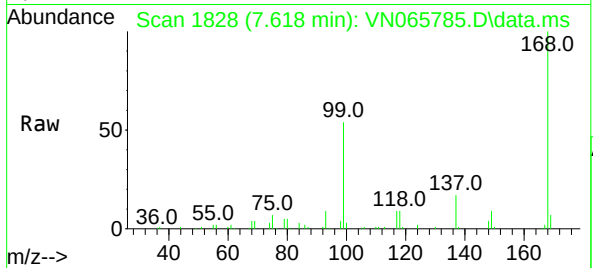
Tgt Ion: 42 Resp: 235
Ion Ratio Lower Upper
42 100
72 0.0 36.6 55.0#
71 0.0 34.3 51.5#



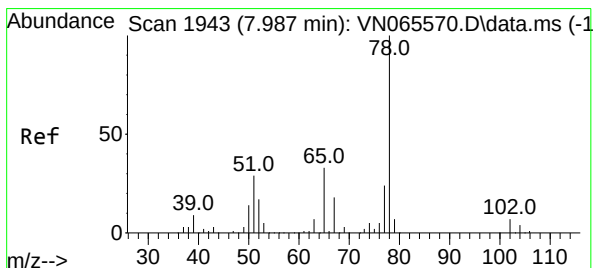
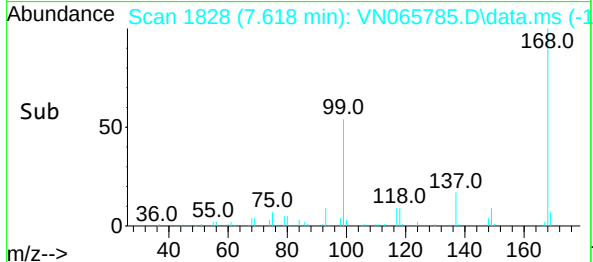
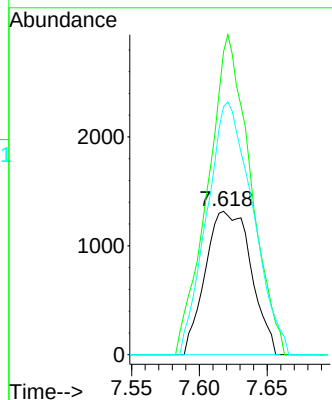


#31
Cyclohexane
Concen: 0.70 ug/l
RT: 7.618 min Scan# 1828
Delta R.T. 0.007 min
Lab File: VN065785.D
Acq: 9 Feb 2021 17:13

Instrument :
MSVOA_N
ClientSampled :

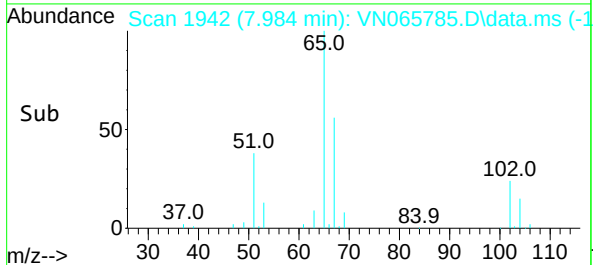
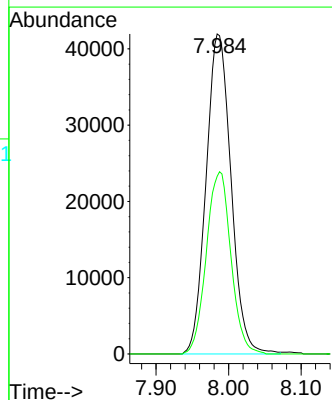
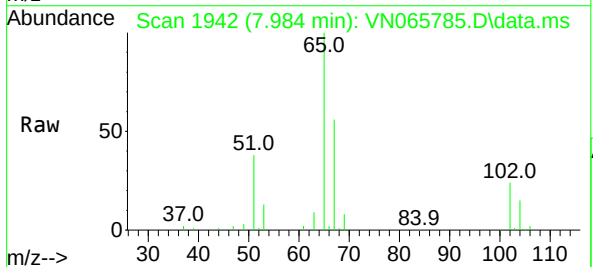


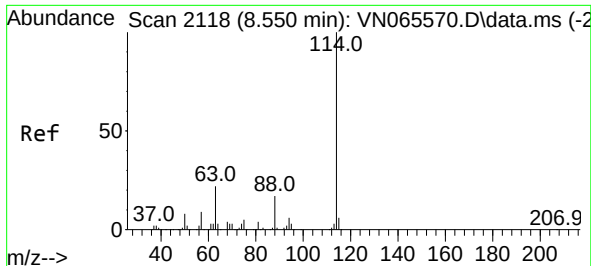
Tgt Ion: 56 Resp: 3097
Ion Ratio Lower Upper
56 100
69 195.7 26.6 39.8#
84 173.0 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 42.50 ug/l
RT: 7.984 min Scan# 1942
Delta R.T. -0.003 min
Lab File: VN065785.D
Acq: 9 Feb 2021 17:13

Tgt Ion: 65 Resp: 100331
Ion Ratio Lower Upper
65 100
67 56.1 0.0 107.2



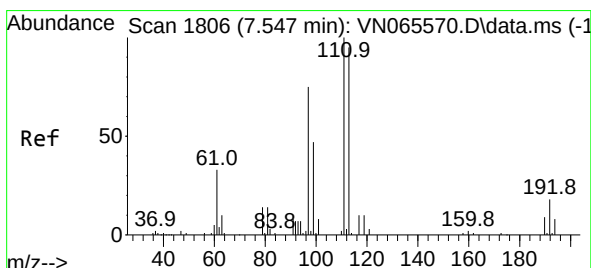
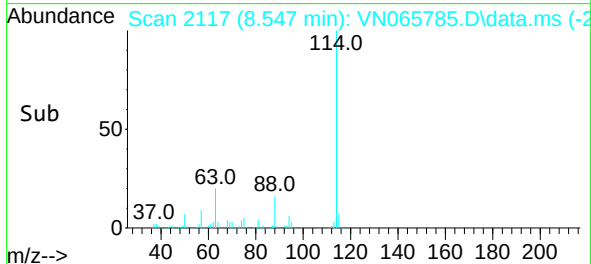
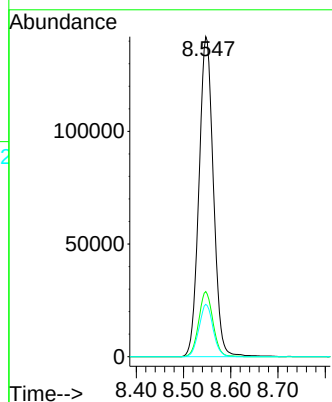
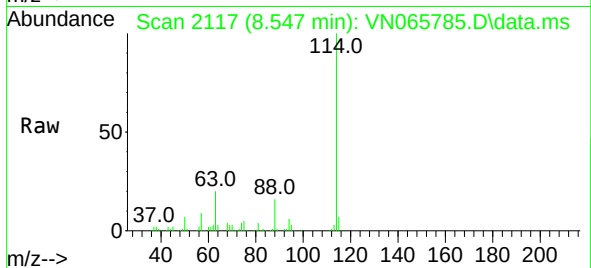


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VN065785.D
Acq: 9 Feb 2021 17:13

Instrument :
MSVOA_N
ClientSampled :

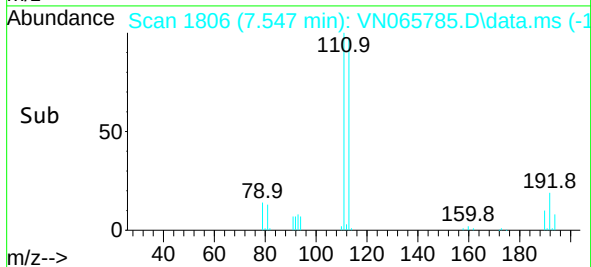
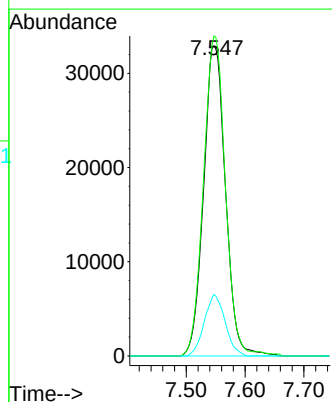
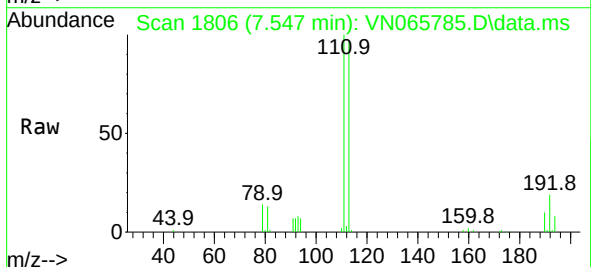
Tgt Ion:114 Resp: 300788
Ion Ratio Lower Upper
114 100
63 20.3 0.0 38.6
88 16.4 0.0 30.6

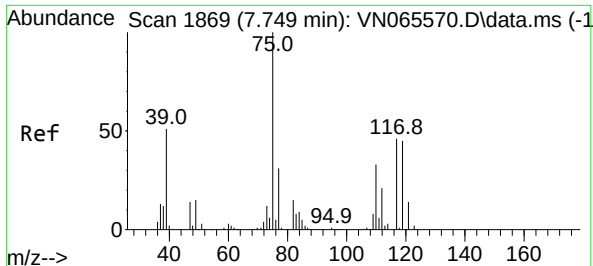


#35

Dibromofluoromethane
Concen: 47.79 ug/l
RT: 7.547 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN065785.D
Acq: 9 Feb 2021 17:13

Tgt Ion:113 Resp: 85178
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.2
192 18.8 15.4 23.0

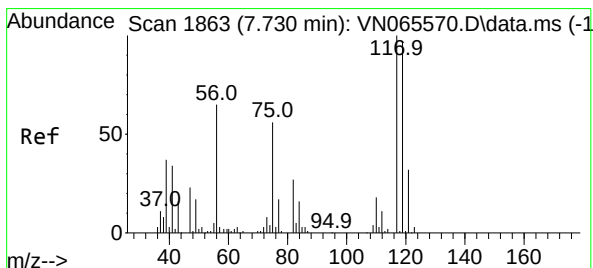
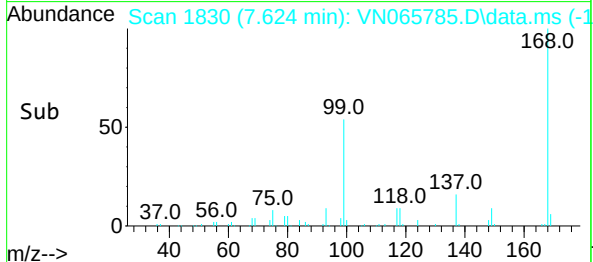
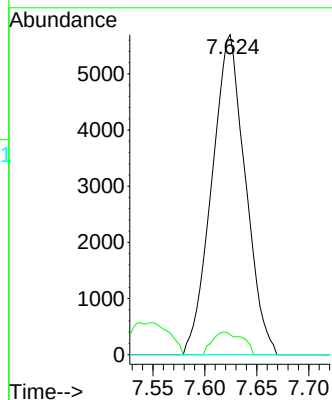
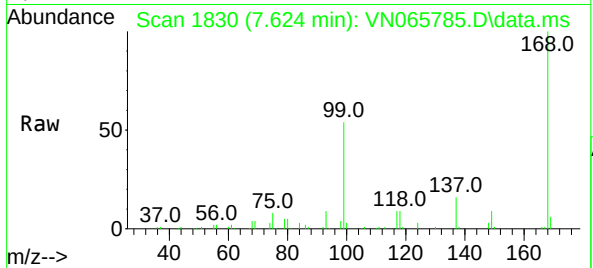




#36
1,1-Dichloropropene
Concen: 4.22 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.125 min
Lab File: VN065785.D
Acq: 9 Feb 2021 17:13

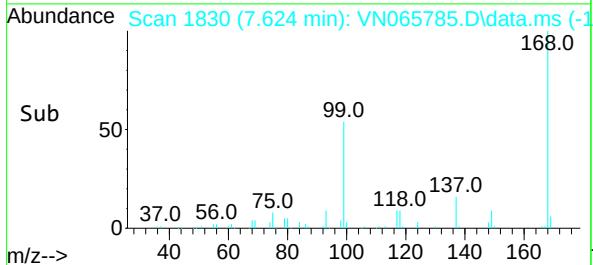
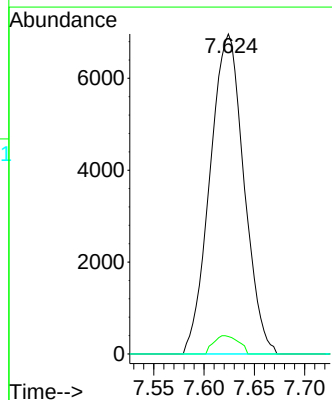
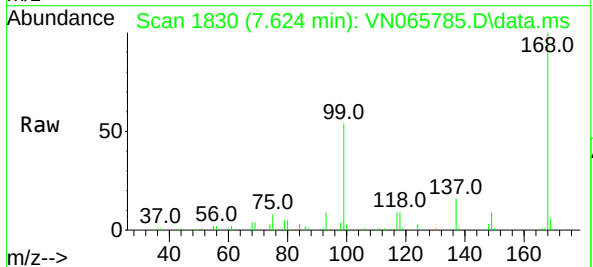
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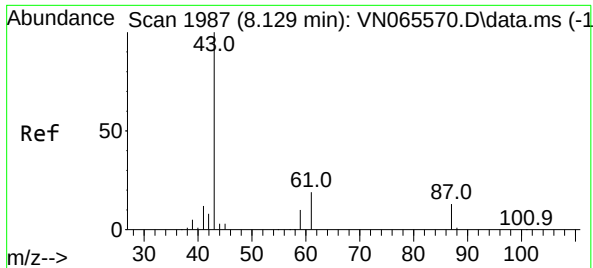
Tgt Ion: 75 Resp: 12788
Ion Ratio Lower Upper
75 100
110 6.3 18.2 54.6#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 6.57 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.106 min
Lab File: VN065785.D
Acq: 9 Feb 2021 17:13

Tgt Ion:117 Resp: 16381
Ion Ratio Lower Upper
117 100
119 5.5 76.0 114.0#
121 0.0 24.5 36.7#

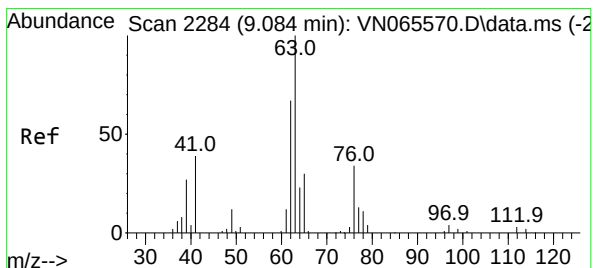
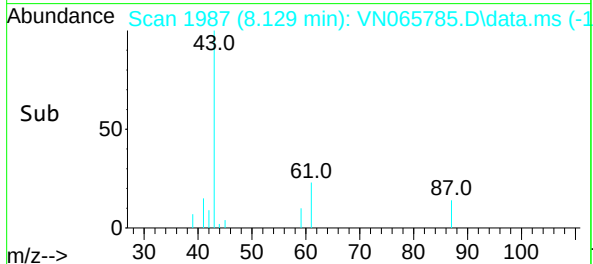
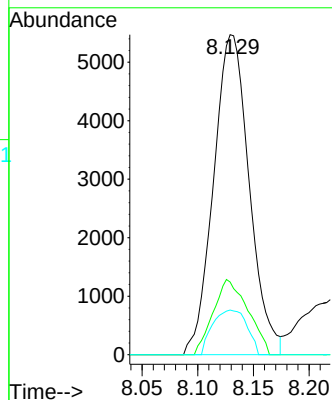
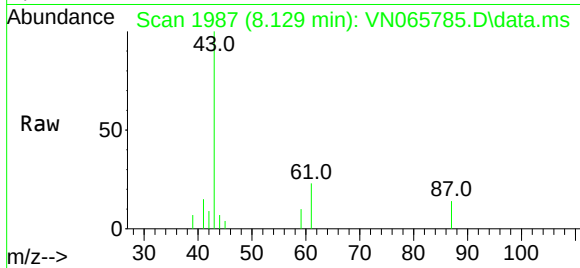




#43
Isopropyl Acetate
Concen: 2.37 ug/l
RT: 8.129 min Scan# 1987
Delta R.T. -0.000 min
Lab File: VN065785.D
Acq: 9 Feb 2021 17:13

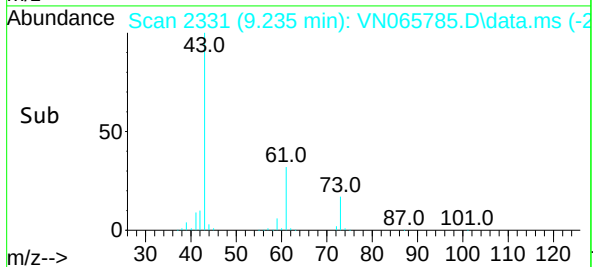
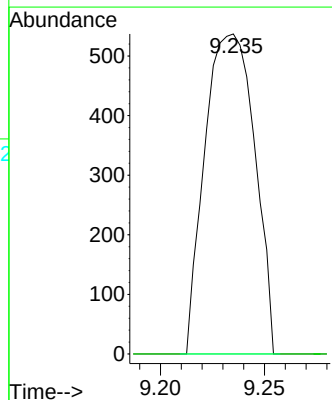
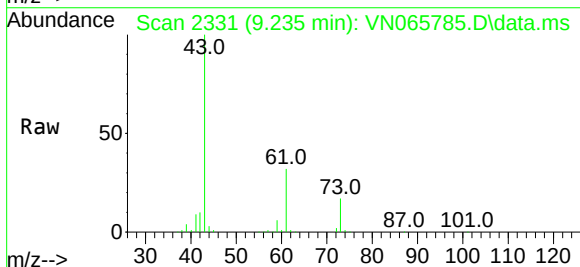
Instrument :
MSVOA_N
ClientSampled :

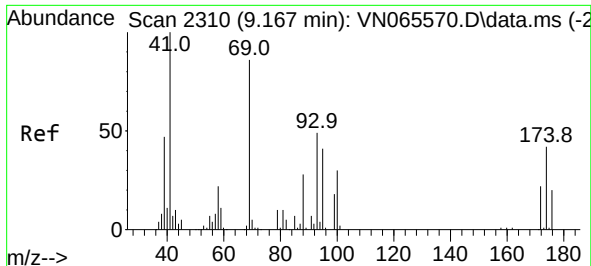
Tgt Ion:	43	Resp:	12207
Ion	Ratio	Lower	Upper
43	100		
61	22.9	22.5	33.7
87	13.3	11.1	16.7



#45
1,2-Dichloropropane
Concen: 0.35 ug/l
RT: 9.235 min Scan# 2331
Delta R.T. 0.151 min
Lab File: VN065785.D
Acq: 9 Feb 2021 17:13

Tgt Ion:	63	Resp:	894
Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.9	37.3#

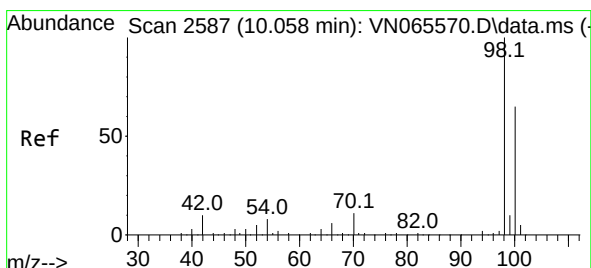
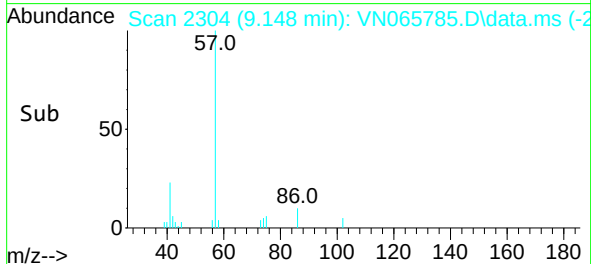
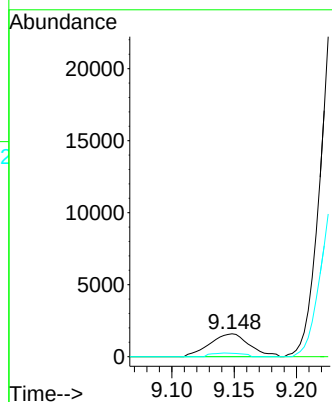
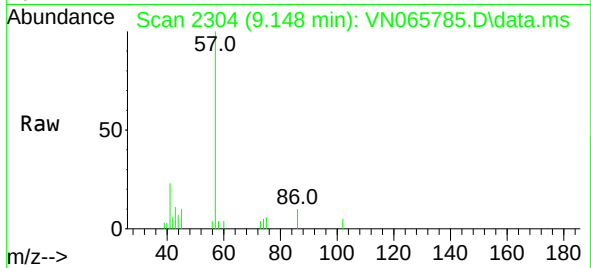




#48
Methyl methacrylate
Concen: 1.44 ug/l
RT: 9.148 min Scan# 2304
Delta R.T. -0.019 min
Lab File: VN065785.D
Acq: 9 Feb 2021 17:13

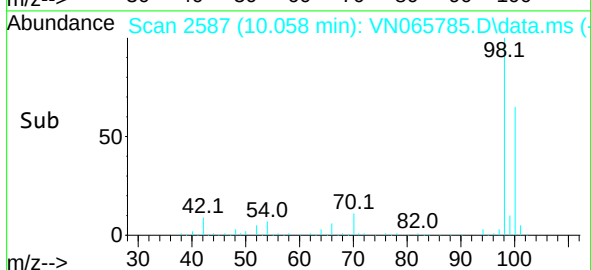
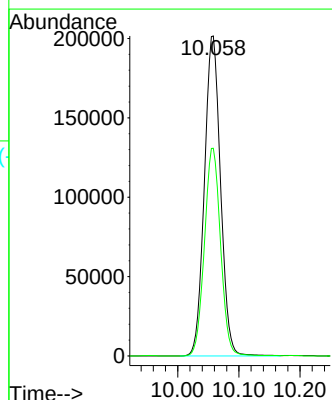
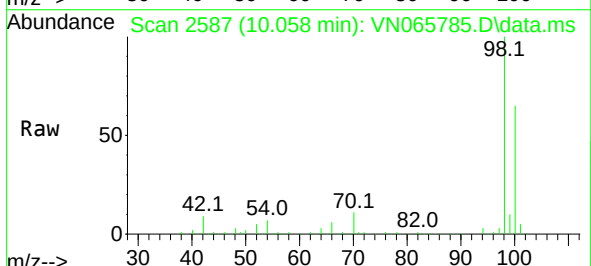
Instrument :
MSVOA_N
ClientSampled :

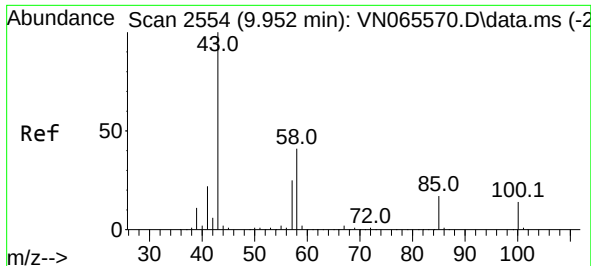
Tgt Ion: 41 Resp: 3517
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 0.0 46.6 69.8#



#50
Toluene-d8
Concen: 52.79 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065785.D
Acq: 9 Feb 2021 17:13

Tgt Ion: 98 Resp: 369863
Ion Ratio Lower Upper
98 100
100 64.7 50.5 75.7

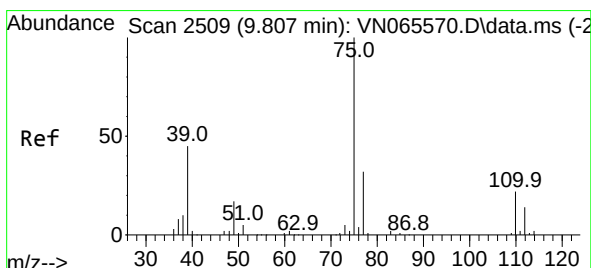
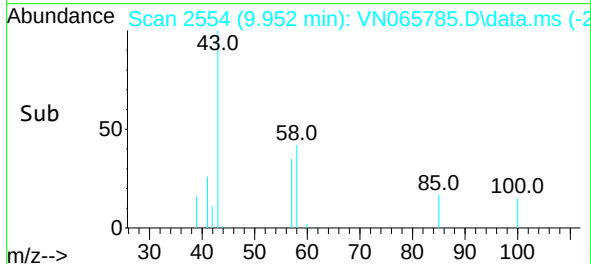
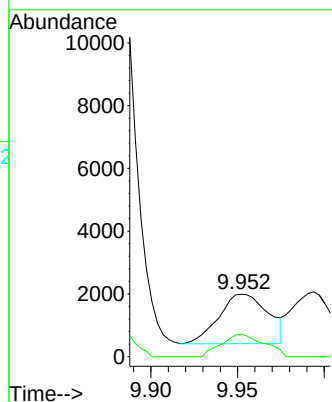
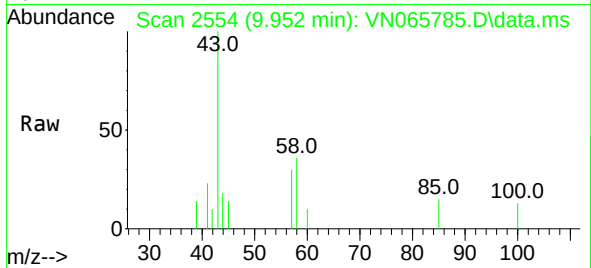




#51
4-Methyl-2-Pentanone
Concen: 1.10 ug/l
RT: 9.952 min Scan# 2554
Delta R.T. 0.000 min
Lab File: VN065785.D
Acq: 9 Feb 2021 17:13

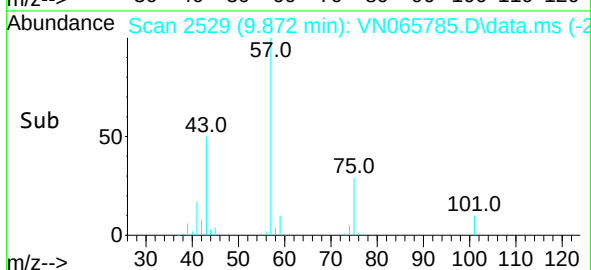
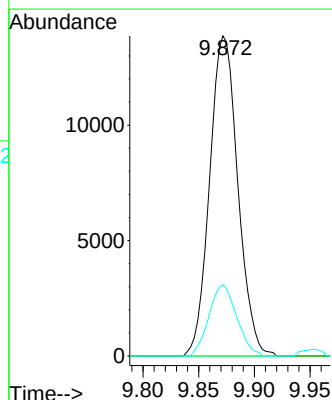
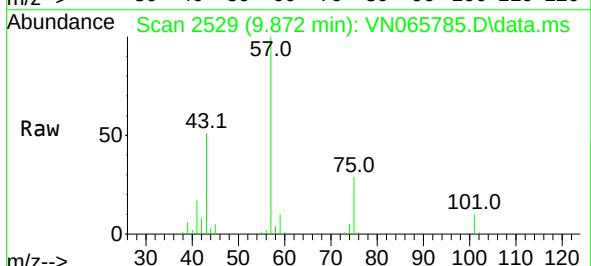
Instrument :
MSVOA_N
ClientSampled :

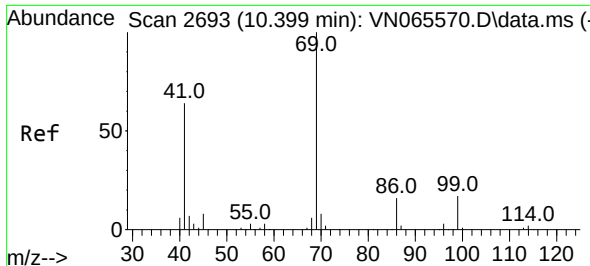
Tgt Ion: 43 Resp: 3124
Ion Ratio Lower Upper
43 100
58 39.2 32.5 48.7



#54
cis-1,3-Dichloropropene
Concen: 6.25 ug/l
RT: 9.872 min Scan# 2529
Delta R.T. 0.065 min
Lab File: VN065785.D
Acq: 9 Feb 2021 17:13

Tgt Ion: 75 Resp: 24425
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#
39 22.3 36.2 54.4#

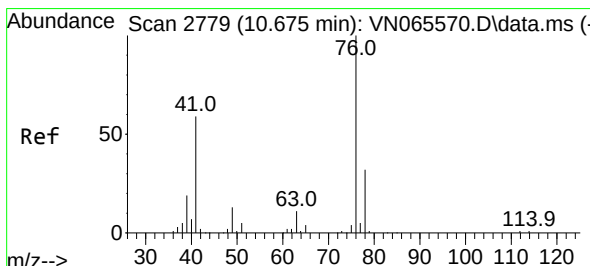
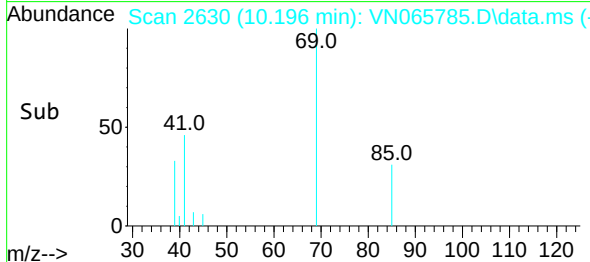
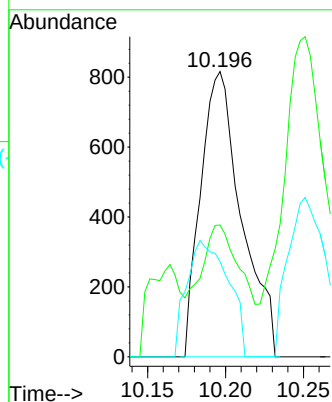
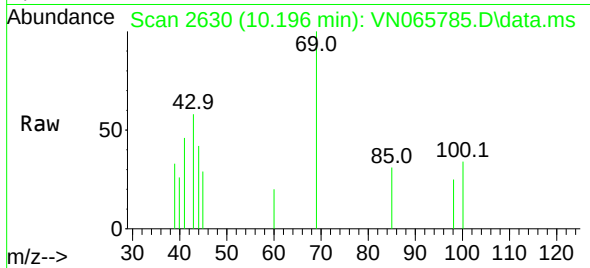




#56
Ethyl methacrylate
Concen: 0.43 ug/l
RT: 10.196 min Scan# 2630
Delta R.T. -0.203 min
Lab File: VN065785.D
Acq: 9 Feb 2021 17:13

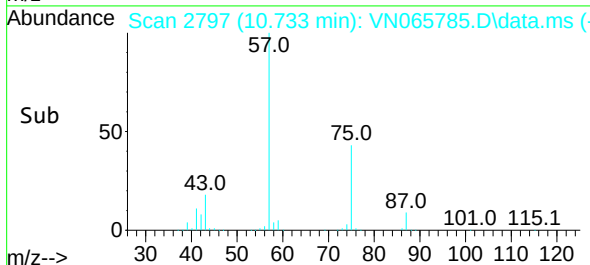
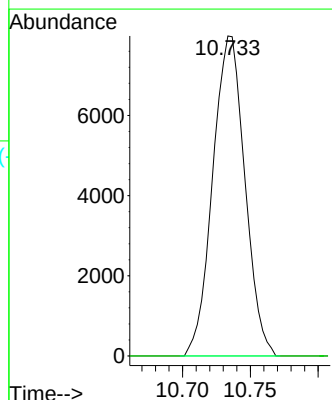
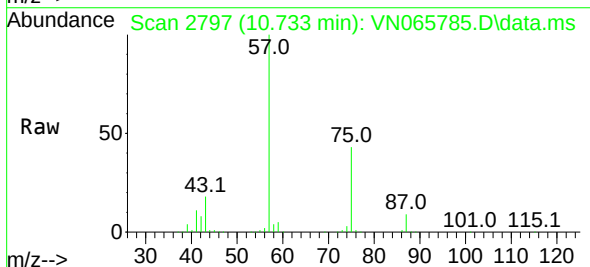
Instrument :
MSVOA_N
ClientSampled :

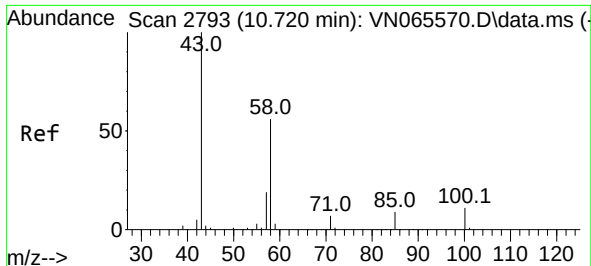
Tgt Ion: 69 Resp: 1488
Ion Ratio Lower Upper
69 100
41 46.2 49.6 74.4#
39 41.4 28.0 42.0



#57
1,3-Dichloropropane
Concen: 3.58 ug/l
RT: 10.733 min Scan# 2797
Delta R.T. 0.058 min
Lab File: VN065785.D
Acq: 9 Feb 2021 17:13

Tgt Ion: 76 Resp: 13166
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#

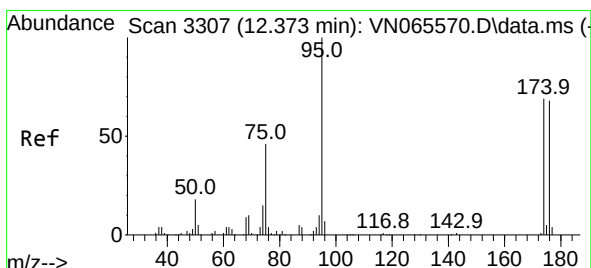
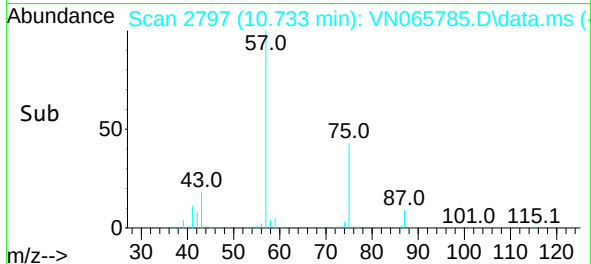
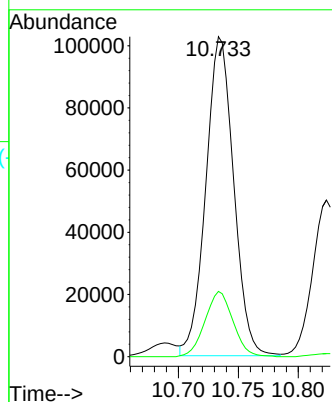
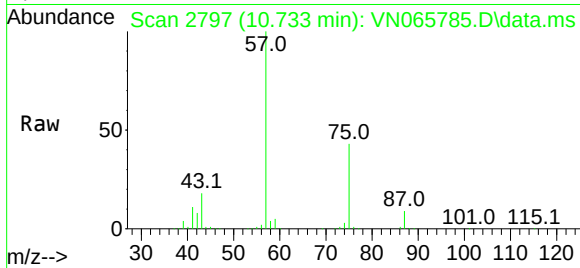




#59
2-Hexanone
Concen: 83.92 ug/l
RT: 10.733 min Scan# 2797
Delta R.T. 0.013 min
Lab File: VN065785.D
Acq: 9 Feb 2021 17:13

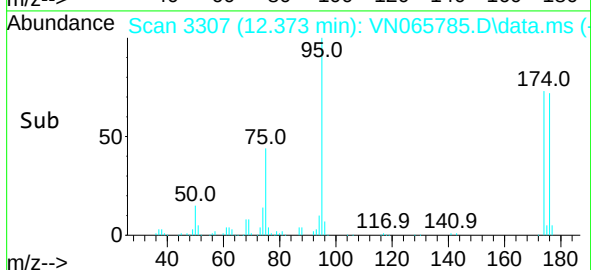
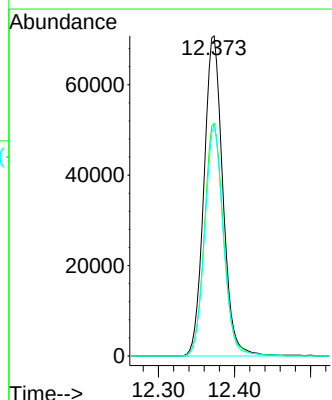
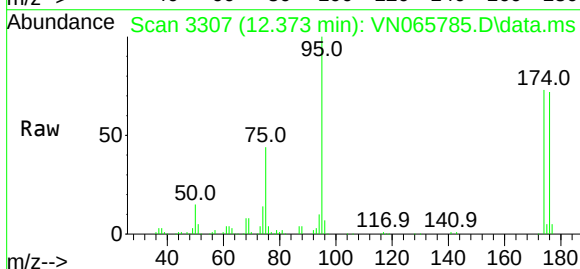
Instrument :
MSVOA_N
ClientSampled :

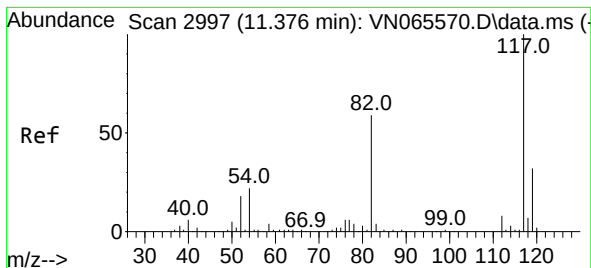
Tgt Ion: 43 Resp: 165384
Ion Ratio Lower Upper
43 100
58 20.6 28.1 84.3#



#62
4-Bromofluorobenzene
Concen: 48.34 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065785.D
Acq: 9 Feb 2021 17:13

Tgt Ion: 95 Resp: 121967
Ion Ratio Lower Upper
95 100
174 73.4 0.0 169.0
176 70.7 0.0 162.4

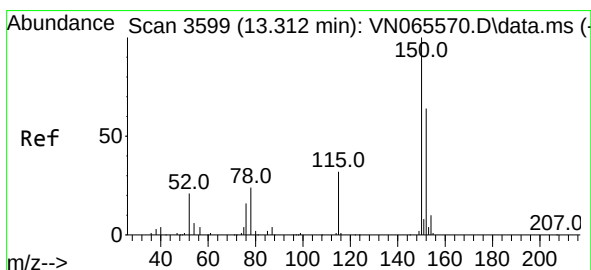
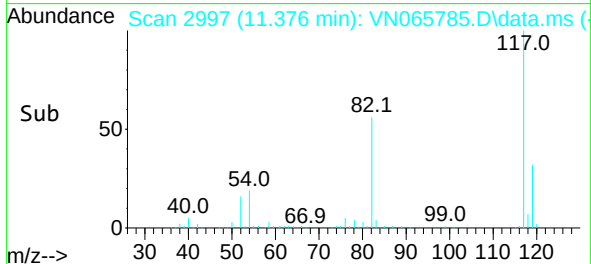
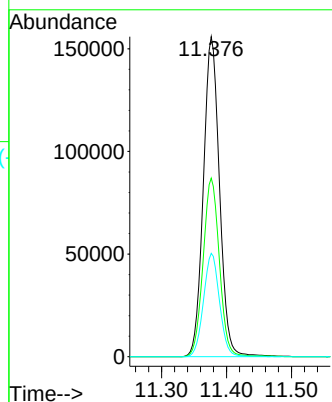
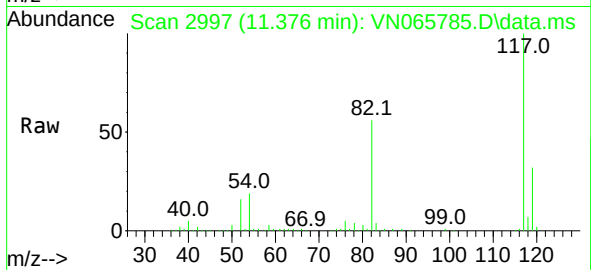




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065785.D
Acq: 9 Feb 2021 17:13

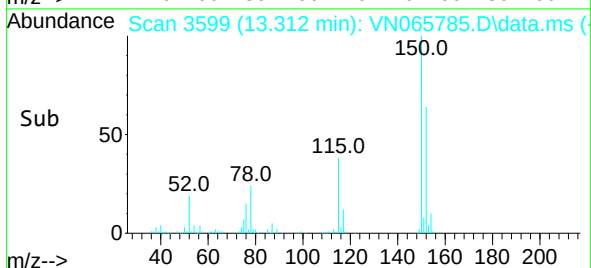
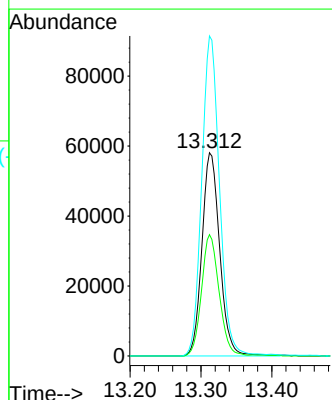
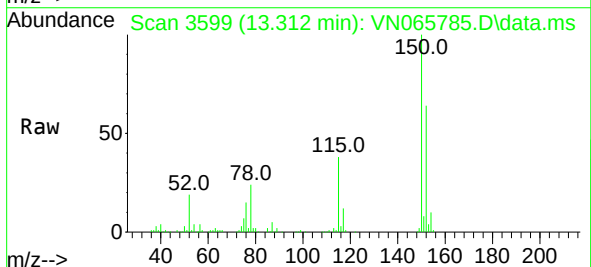
Instrument :
MSVOA_N
ClientSampled :

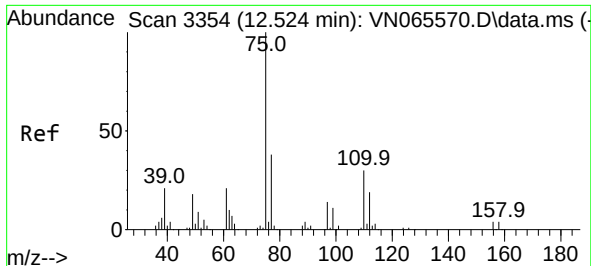
Tgt Ion:117 Resp: 270164
Ion Ratio Lower Upper
117 100
82 55.8 43.7 65.5
119 32.3 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.312 min Scan# 3599
Delta R.T. 0.000 min
Lab File: VN065785.D
Acq: 9 Feb 2021 17:13

Tgt Ion:152 Resp: 101045
Ion Ratio Lower Upper
152 100
115 58.9 28.5 85.6
150 157.4 0.0 347.6

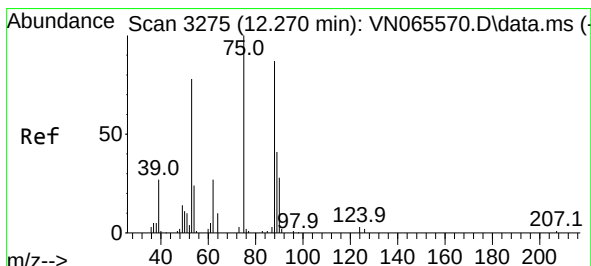
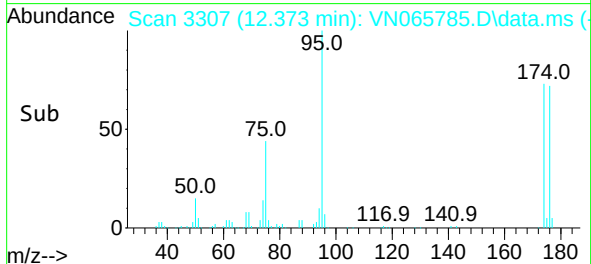
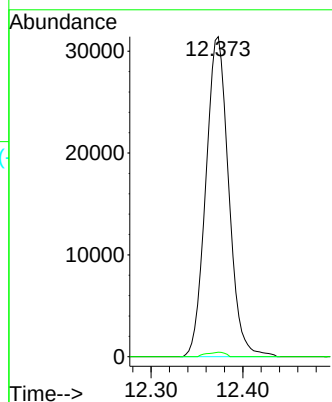
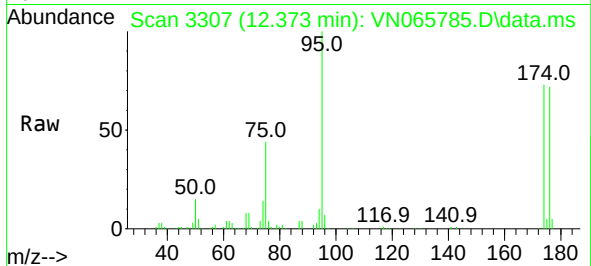




#76
1,2,3-Trichloropropane
Concen: 20.58 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065785.D
Acq: 9 Feb 2021 17:13

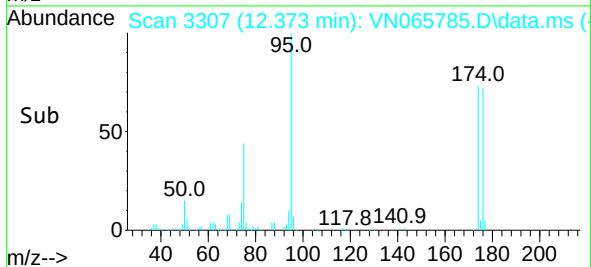
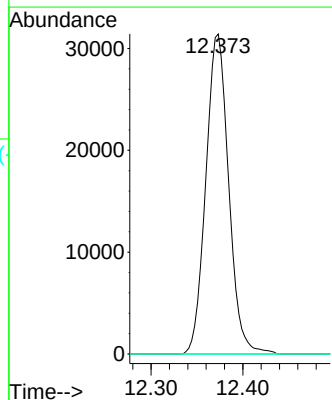
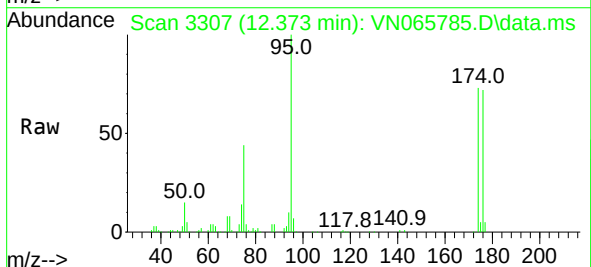
Instrument :
MSVOA_N
ClientSampled :

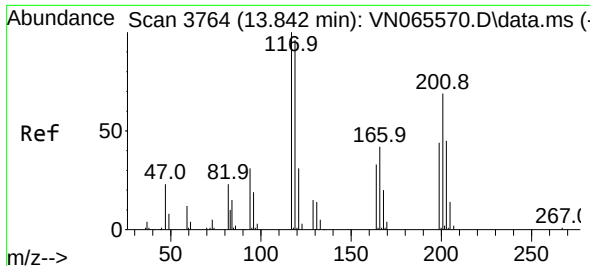
Tgt Ion: 75 Resp: 54373
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 52.71 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065785.D
Acq: 9 Feb 2021 17:13

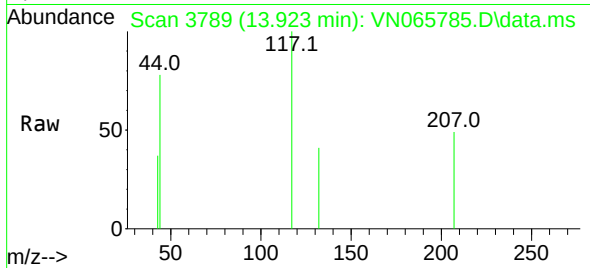
Tgt Ion: 75 Resp: 54373
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#



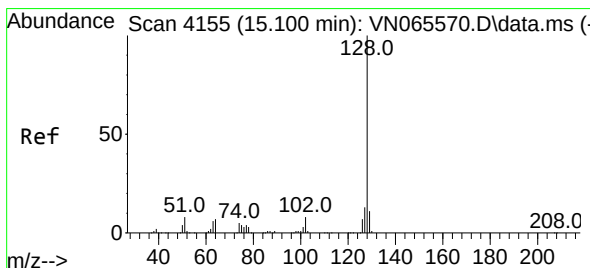
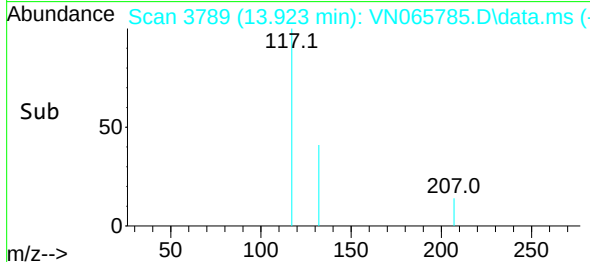
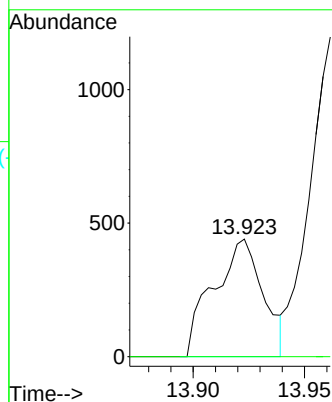


#90
Hexachloroethane
Concen: 0.52 ug/l
RT: 13.923 min Scan# 3789
Delta R.T. 0.081 min
Lab File: VN065785.D
Acq: 9 Feb 2021 17:13

Instrument :
MSVOA_N
ClientSampled :



Tgt Ion:117 Resp: 681
Ion Ratio Lower Upper
117 100
201 0.0 37.8 113.3#



#95
Naphthalene
Concen: 3.50 ug/l
RT: 15.100 min Scan# 4155
Delta R.T. -0.000 min
Lab File: VN065785.D
Acq: 9 Feb 2021 17:13

Tgt Ion:128 Resp: 325
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

