

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010521\
 Data File : VN065379.D
 Acq On : 5 Jan 2021 11:11
 Operator : JC/MD
 Sample : VN0105MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 06 01:14:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 22 15:42:18 2020
 Response via : Initial Calibration

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

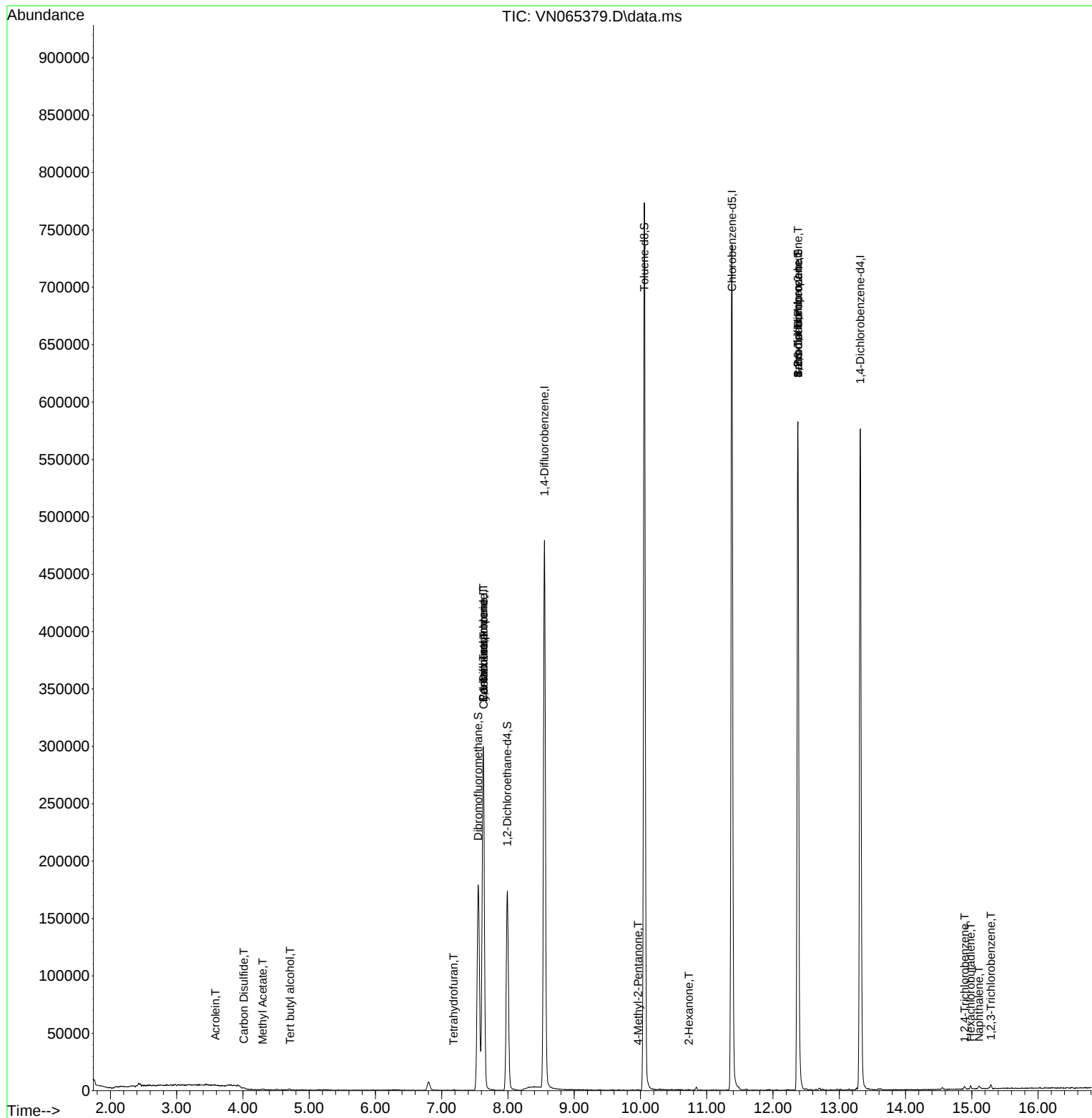
Internal Standards						
1) Pentafluorobenzene	7.627	168	274495	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	461154	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	473710	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	182138	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	152307	49.15	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 98.30%			
35) Dibromofluoromethane	7.550	113	140345	50.44	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.88%			
50) Toluene-d8	10.058	98	568473	54.52	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 109.04%			
62) 4-Bromofluorobenzene	12.376	95	208114	50.42	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.84%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.711	59	282	0.56	ug/l #	73
13) Acrolein	3.586	56	385	3.52	ug/l #	64
16) Acetone	3.792	43	1261	Below Cal	#	43
17) Carbon Disulfide	4.013	76	1943	0.28	ug/l #	75
18) Methyl Acetate	4.300	43	1616	0.58	ug/l #	50
29) Tetrahydrofuran	7.180	42	252	0.22	ug/l #	32
31) Cyclohexane	7.631	56	4375	0.96	ug/l #	1
36) 1,1-Dichloropropene	7.627	75	17676	4.22	ug/l #	44
38) Carbon Tetrachloride	7.627	117	22850	5.19	ug/l #	16
51) 4-Methyl-2-Pentanone	9.965	43	1058	0.26	ug/l #	35
59) 2-Hexanone	10.730	43	778	0.26	ug/l #	23
71) Bromoform	12.376	173	1402	0.43	ug/l #	1
76) 1,2,3-Trichloropropane	12.376	75	101623	27.35	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.376	75	101623	68.96	ug/l #	15
93) 1,2,4-Trichlorobenzene	14.894	180	1240	3.16	ug/l #	88
94) Hexachlorobutadiene	14.984	225	792	0.34	ug/l	82
95) Naphthalene	15.109	128	3620	3.73	ug/l #	79
96) 1,2,3-Trichlorobenzene	15.289	180	1693	3.69	ug/l	92

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

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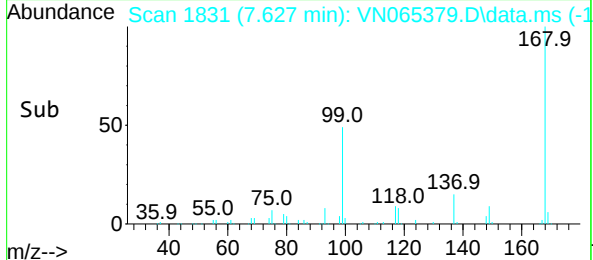
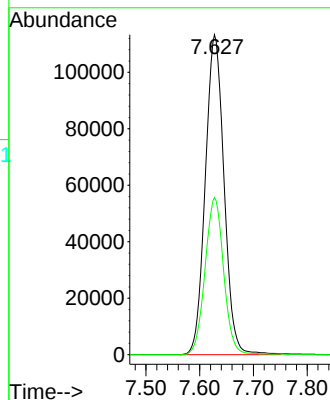
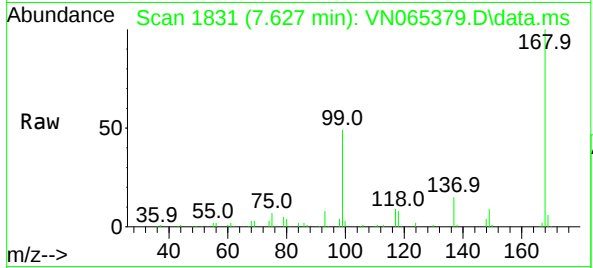




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065379.D
Acq: 5 Jan 2021 11:11

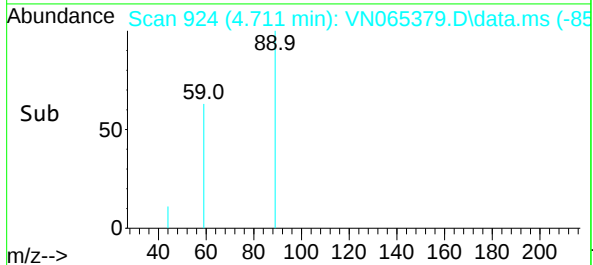
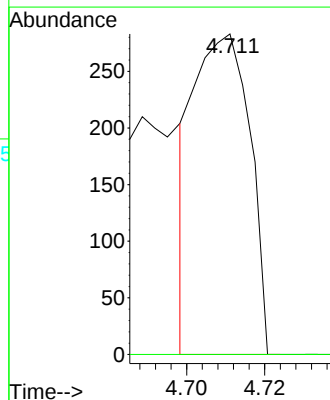
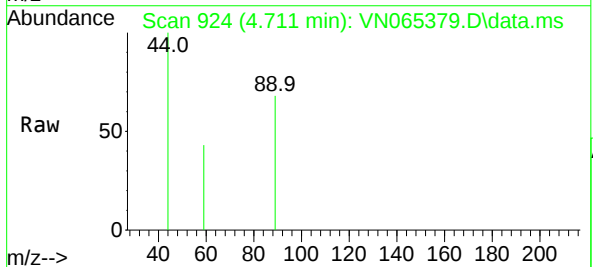
Instrument :
MSVOA_N
ClientSampleId :

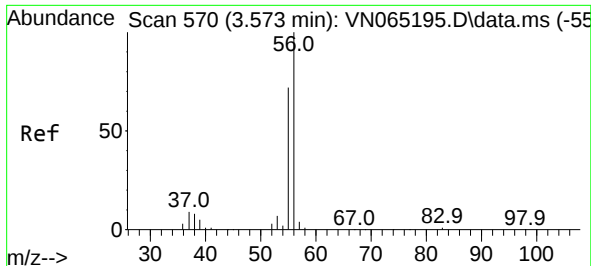
Tgt Ion:168 Resp: 274495
Ion Ratio Lower Upper
168 100
99 49.2 43.0 64.4



#11
Tert butyl alcohol
Concen: 0.56 ug/l
RT: 4.711 min Scan# 924
Delta R.T. -0.061 min
Lab File: VN065379.D
Acq: 5 Jan 2021 11:11

Tgt Ion: 59 Resp: 282
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#

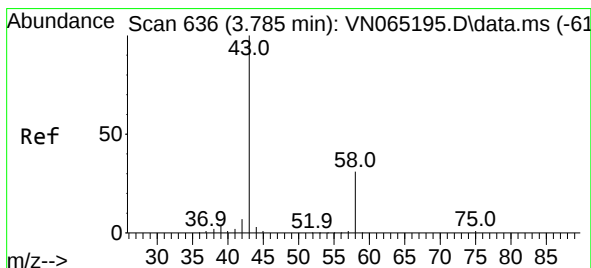
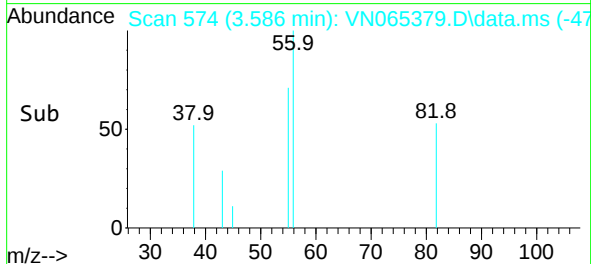
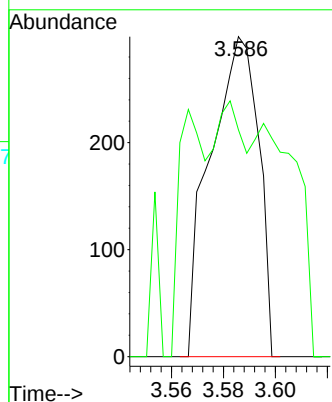
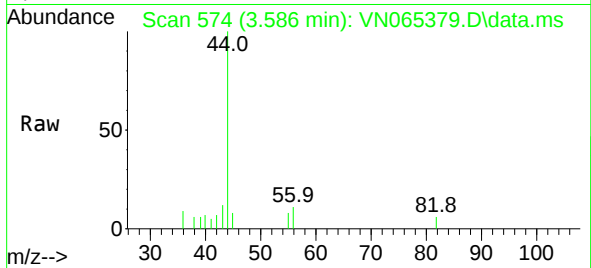




#13
Acrolein
Concen: 3.52 ug/l
RT: 3.586 min Scan# 574
Delta R.T. 0.013 min
Lab File: VN065379.D
Acq: 5 Jan 2021 11:11

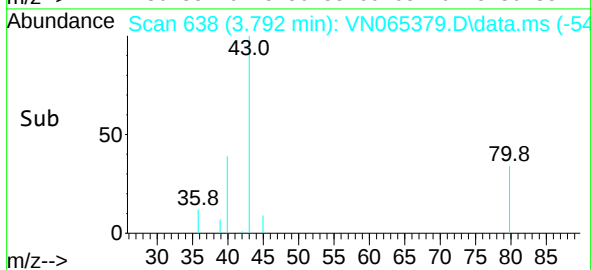
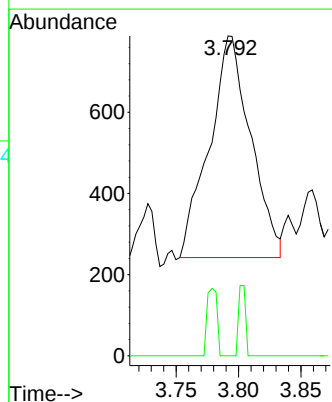
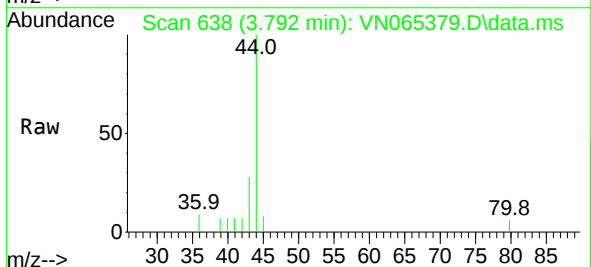
Instrument :
MSVOA_N
ClientSampled :

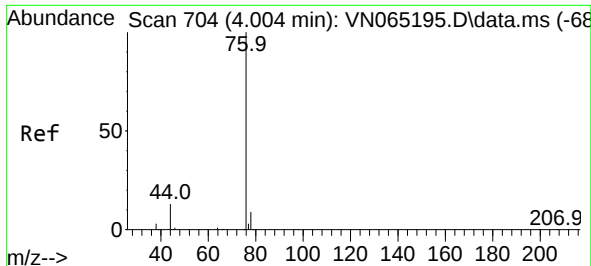
Tgt Ion: 56 Resp: 385
Ion Ratio Lower Upper
56 100
55 41.3 56.5 84.7#



#16
Acetone
Concen: Below Cal
RT: 3.792 min Scan# 638
Delta R.T. 0.007 min
Lab File: VN065379.D
Acq: 5 Jan 2021 11:11

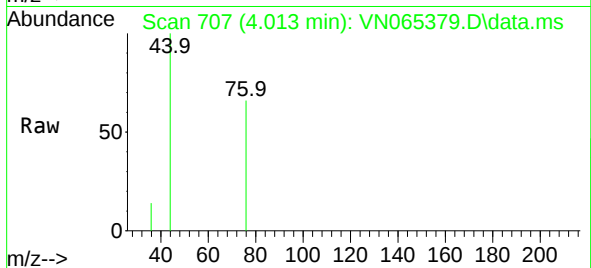
Tgt Ion: 43 Resp: 1261
Ion Ratio Lower Upper
43 100
58 0.0 25.7 38.5#



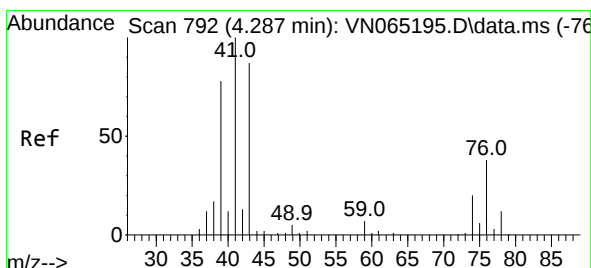
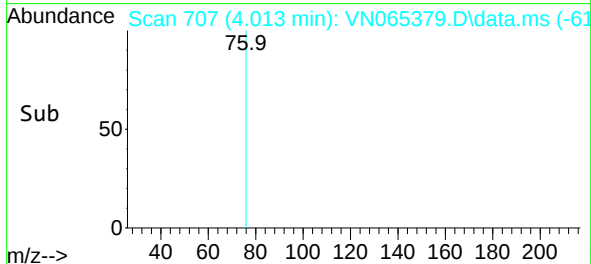
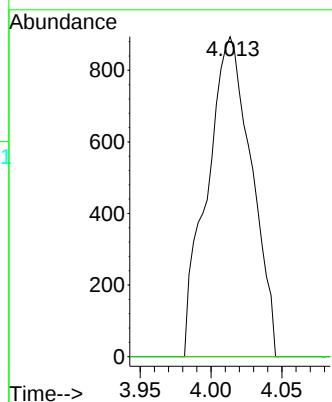


#17
Carbon Disulfide
Concen: 0.28 ug/l
RT: 4.013 min Scan# 707
Delta R.T. 0.009 min
Lab File: VN065379.D
Acq: 5 Jan 2021 11:11

Instrument :
MSVOA_N
ClientSampleId :

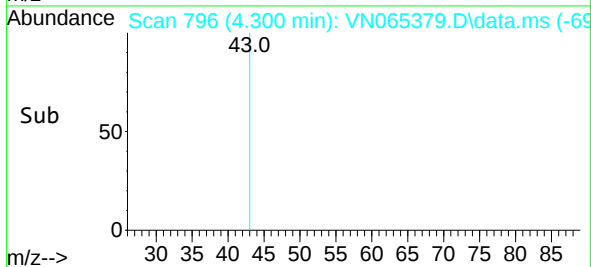
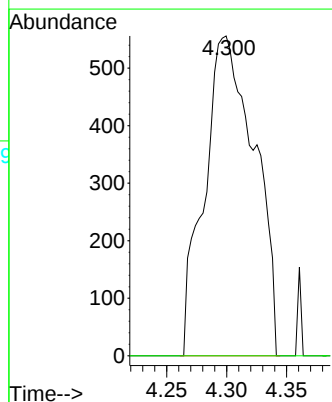
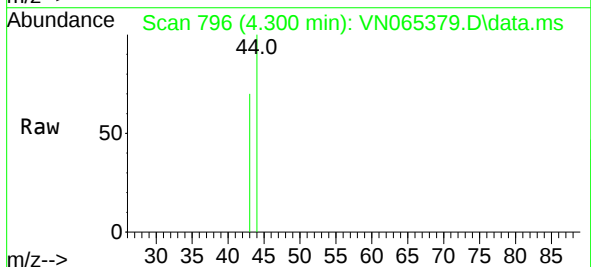


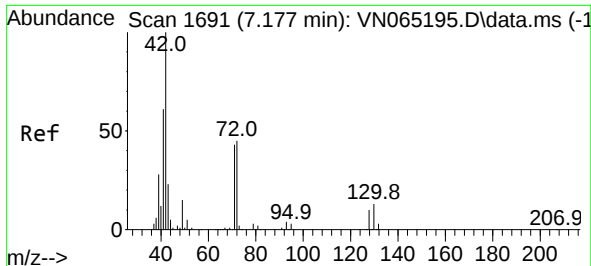
Tgt Ion: 76 Resp: 1943
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: 0.58 ug/l
RT: 4.300 min Scan# 796
Delta R.T. 0.013 min
Lab File: VN065379.D
Acq: 5 Jan 2021 11:11

Tgt Ion: 43 Resp: 1616
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#





#29

Tetrahydrofuran

Concen: 0.22 ug/l

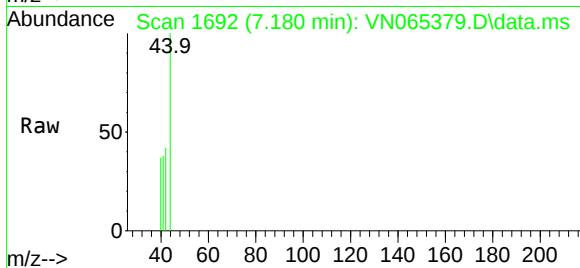
RT: 7.180 min Scan# 1692

Delta R.T. 0.003 min

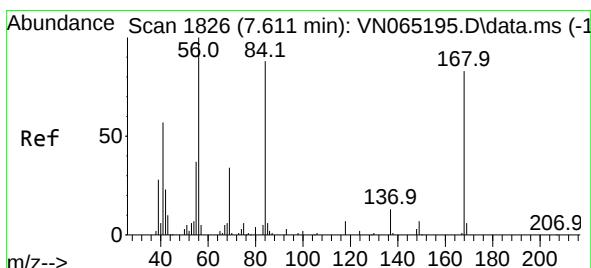
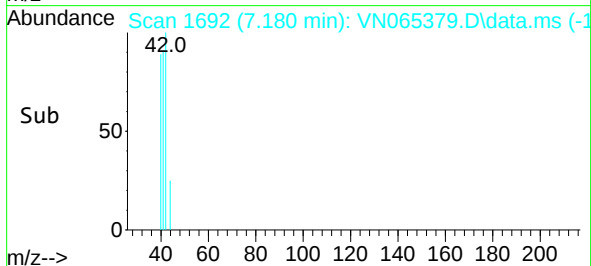
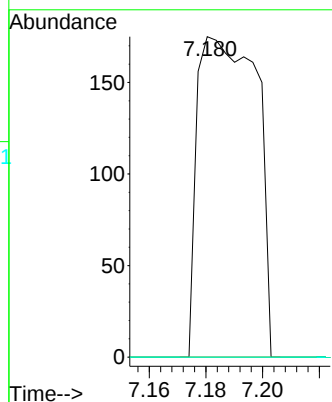
Lab File: VN065379.D

Acq: 5 Jan 2021 11:11

Instrument :
MSVOA_N
ClientSampled :



Tgt Ion:	42	Resp:	252
Ion	Ratio	Lower	Upper
42	100		
72	0.0	36.6	54.8#
71	0.0	33.6	50.4#



#31

Cyclohexane

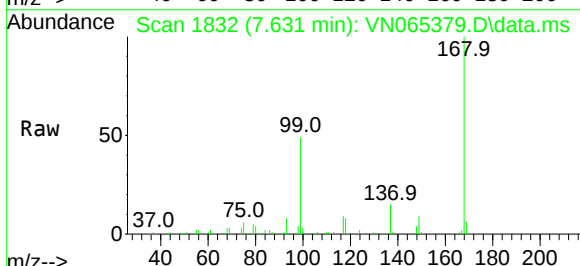
Concen: 0.96 ug/l

RT: 7.631 min Scan# 1832

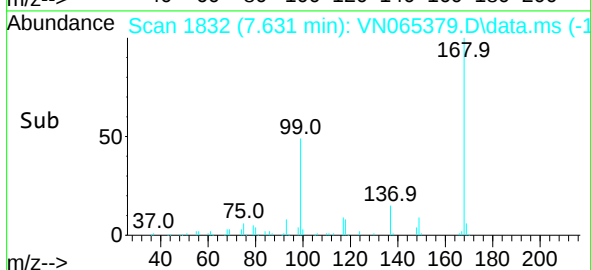
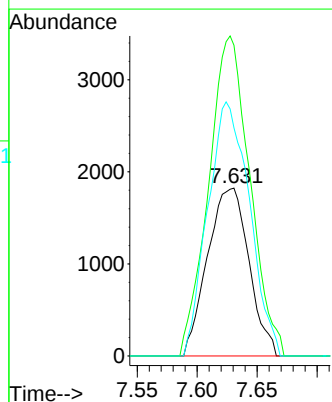
Delta R.T. 0.020 min

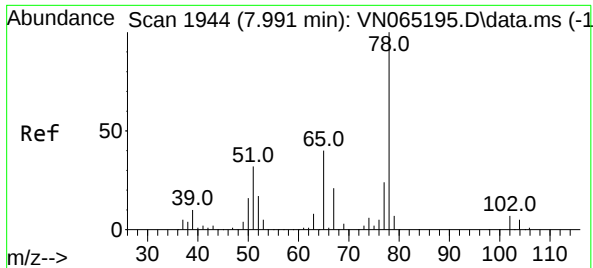
Lab File: VN065379.D

Acq: 5 Jan 2021 11:11



Tgt Ion:	56	Resp:	4375
Ion	Ratio	Lower	Upper
56	100		
69	185.2	27.5	41.3#
84	135.9	73.9	110.9#

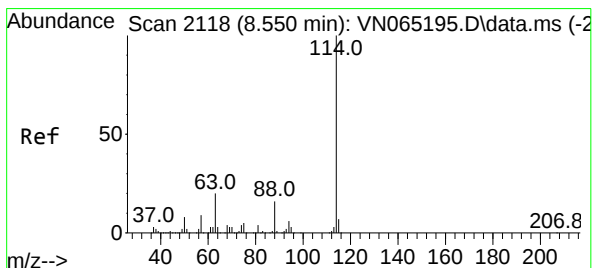
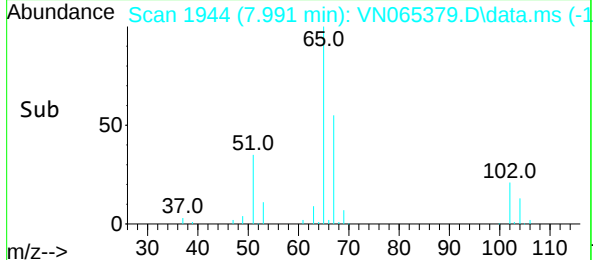
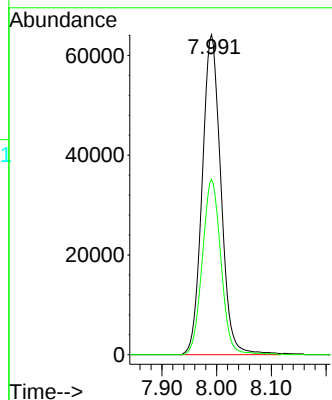
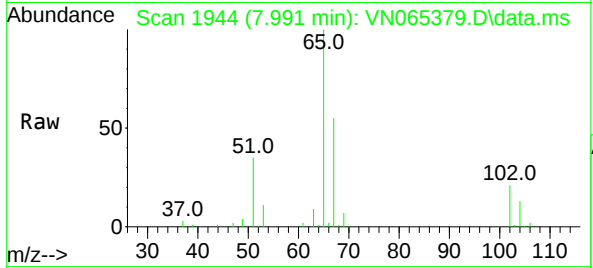




#33
1,2-Dichloroethane-d4
Concen: 49.15 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VN065379.D
Acq: 5 Jan 2021 11:11

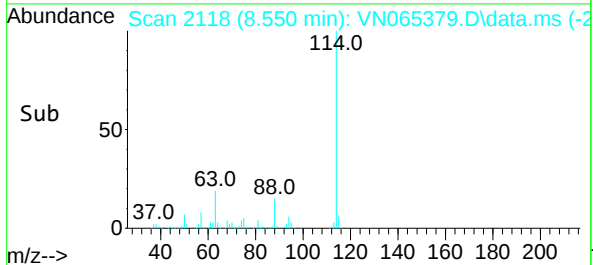
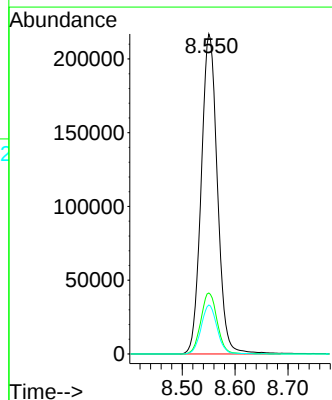
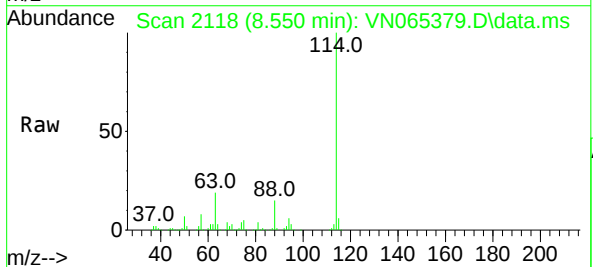
Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 65 Resp: 152307
Ion Ratio Lower Upper
65 100
67 54.3 0.0 108.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065379.D
Acq: 5 Jan 2021 11:11

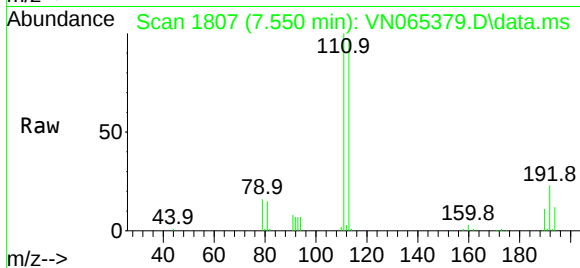
Tgt Ion: 114 Resp: 461154
Ion Ratio Lower Upper
114 100
63 19.0 0.0 38.6
88 15.3 0.0 32.6



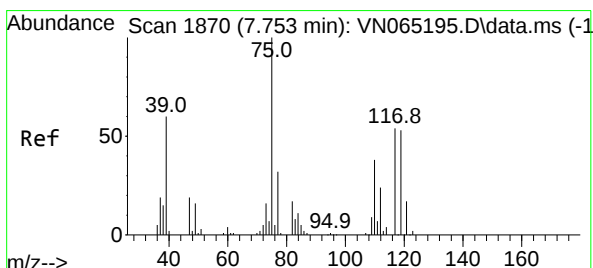
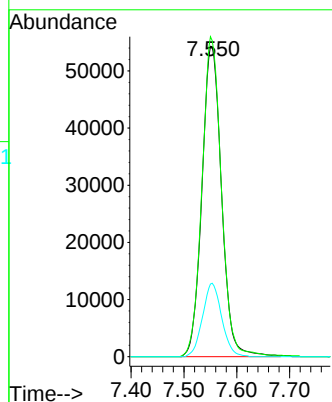
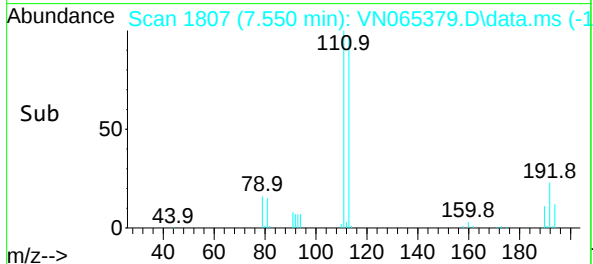


#35
Dibromofluoromethane
Concen: 50.44 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN065379.D
Acq: 5 Jan 2021 11:11

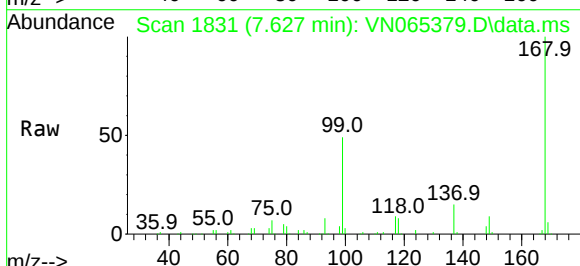
Instrument :
MSVOA_N
ClientSampleId :



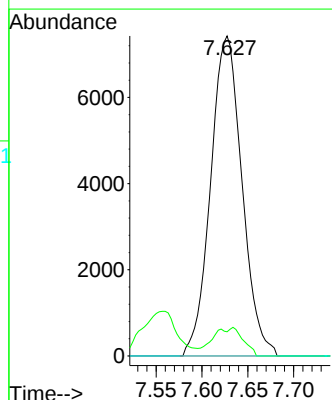
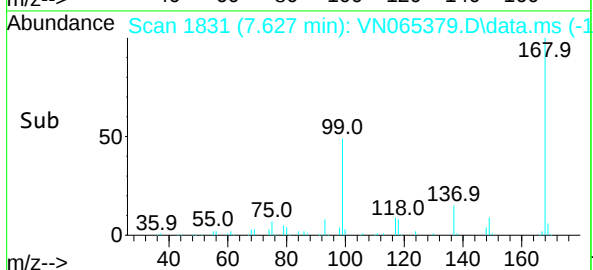
Tgt Ion:113 Resp: 140345
Ion Ratio Lower Upper
113 100
111 101.6 81.6 122.4
192 23.1 16.2 24.2

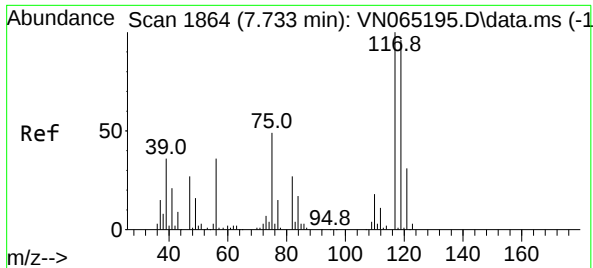


#36
1,1-Dichloropropene
Concen: 4.22 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.126 min
Lab File: VN065379.D
Acq: 5 Jan 2021 11:11



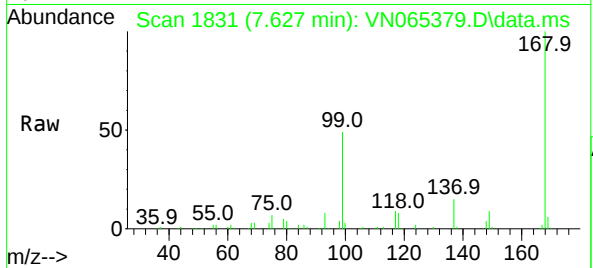
Tgt Ion: 75 Resp: 17676
Ion Ratio Lower Upper
75 100
110 2.7 17.8 53.3#
77 0.0 25.0 37.4#



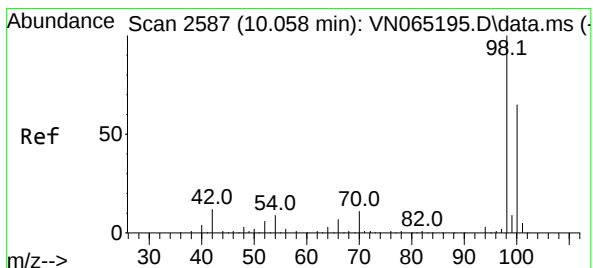
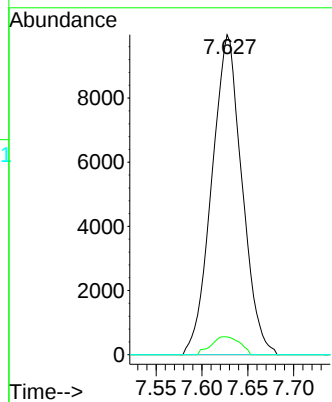
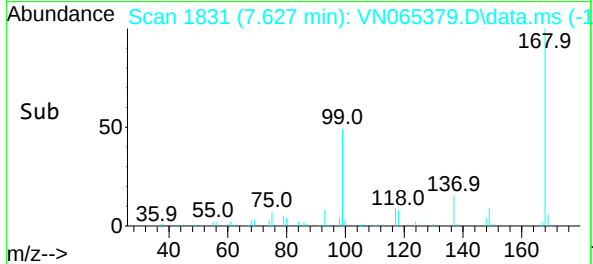


#38
Carbon Tetrachloride
Concen: 5.19 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.106 min
Lab File: VN065379.D
Acq: 5 Jan 2021 11:11

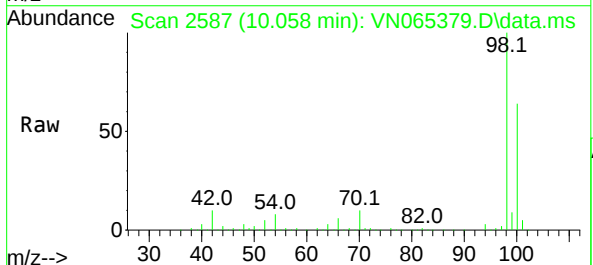
Instrument :
MSVOA_N
ClientSampleId :



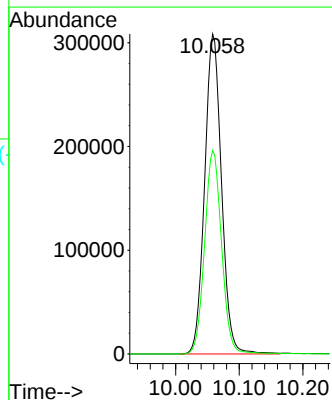
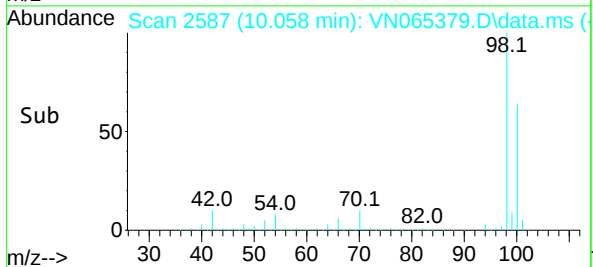
Tgt Ion:117 Resp: 22850
Ion Ratio Lower Upper
117 100
119 5.6 76.7 115.1#
121 0.0 25.4 38.2#

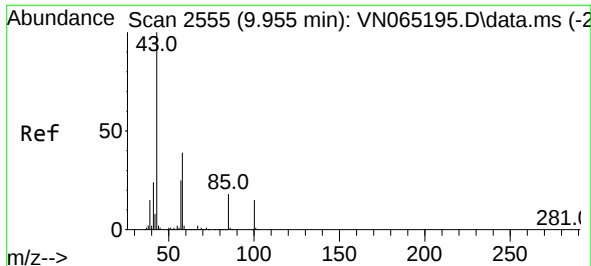


#50
Toluene-d8
Concen: 54.52 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065379.D
Acq: 5 Jan 2021 11:11



Tgt Ion: 98 Resp: 568473
Ion Ratio Lower Upper
98 100
100 64.1 51.7 77.5

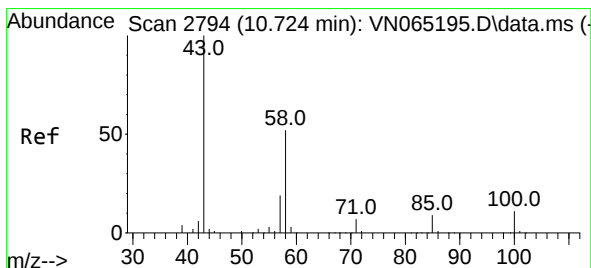
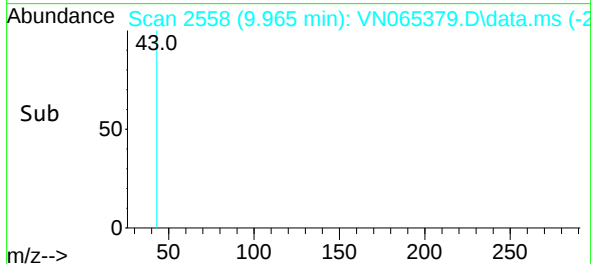
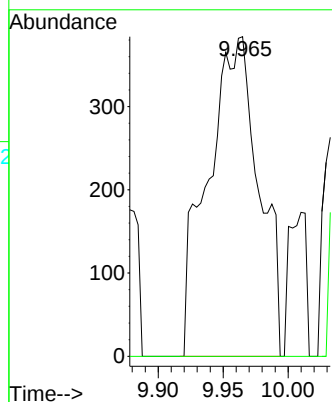
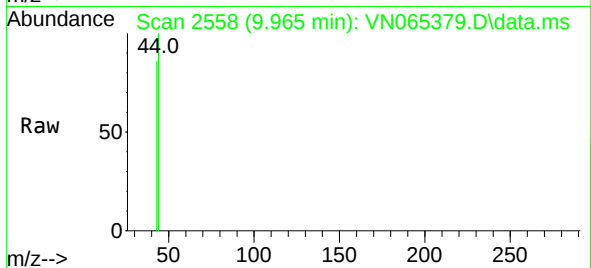




#51
4-Methyl-2-Pentanone
Concen: 0.26 ug/l
RT: 9.965 min Scan# 2558
Delta R.T. 0.010 min
Lab File: VN065379.D
Acq: 5 Jan 2021 11:11

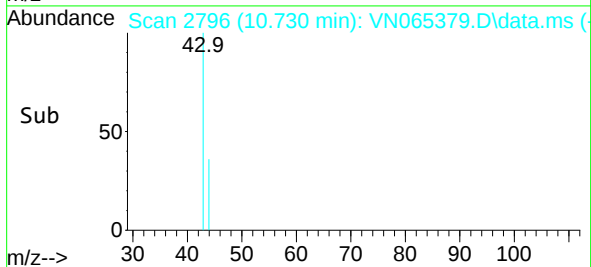
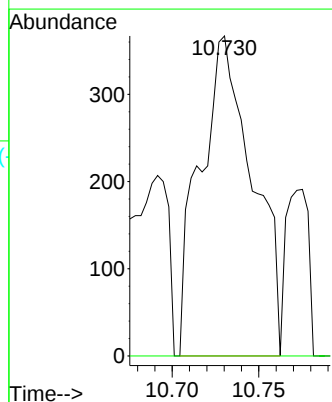
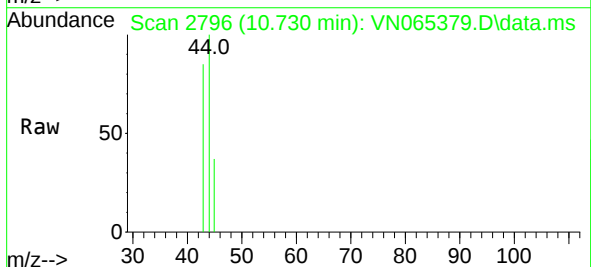
Instrument :
MSVOA_N
ClientSampled :

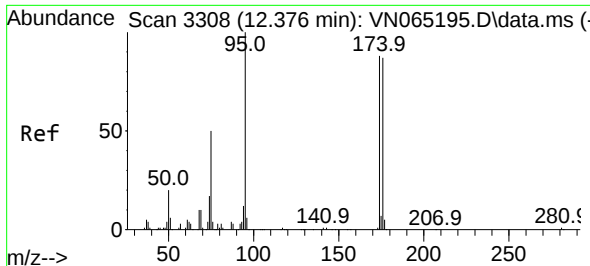
Tgt Ion: 43 Resp: 1058
Ion Ratio Lower Upper
43 100
58 0.0 32.4 48.6#



#59
2-Hexanone
Concen: 0.26 ug/l
RT: 10.730 min Scan# 2796
Delta R.T. 0.006 min
Lab File: VN065379.D
Acq: 5 Jan 2021 11:11

Tgt Ion: 43 Resp: 778
Ion Ratio Lower Upper
43 100
58 0.0 28.3 84.9#

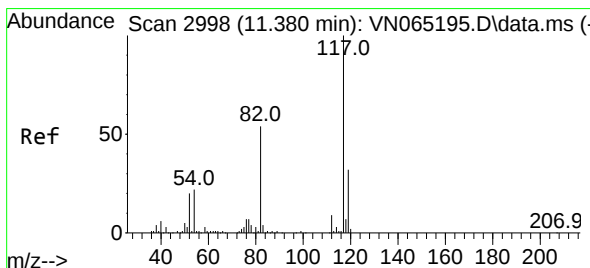
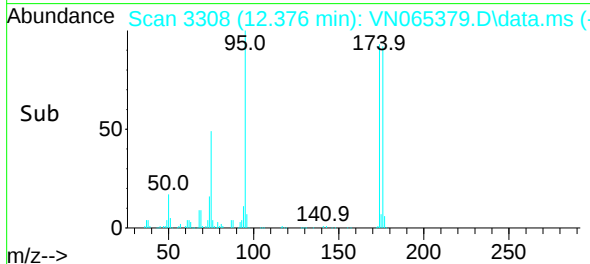
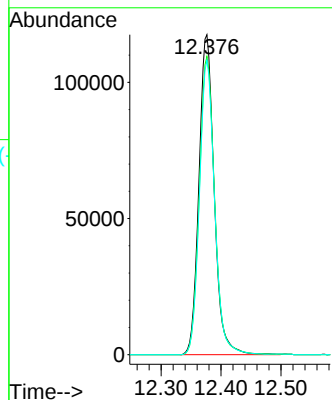
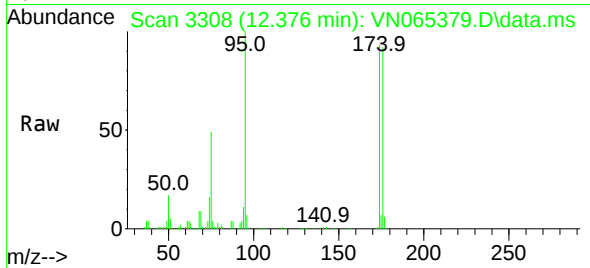




#62
4-Bromofluorobenzene
Concen: 50.42 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065379.D
Acq: 5 Jan 2021 11:11

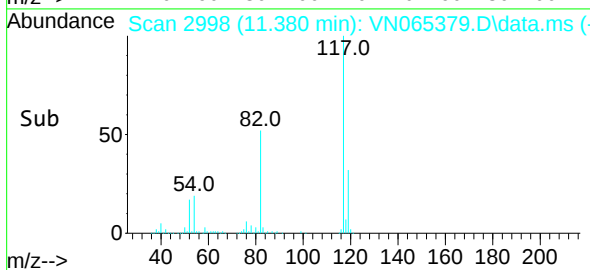
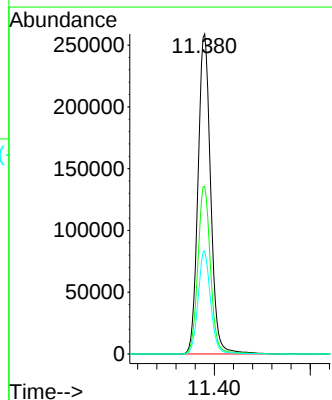
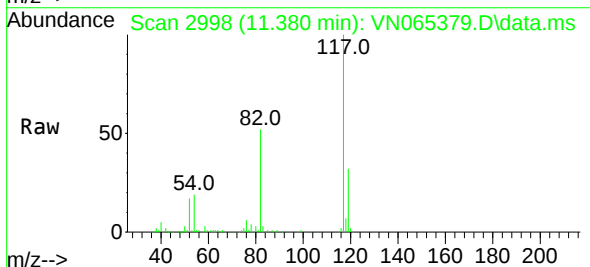
Instrument :
MSVOA_N
ClientSampled :

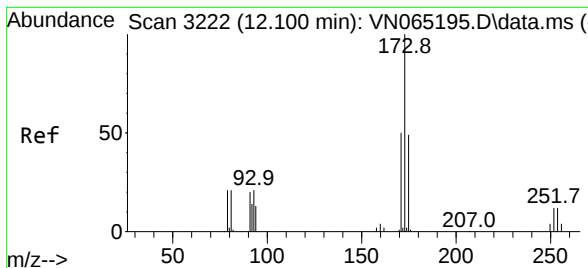
Tgt Ion: 95 Resp: 208114
Ion Ratio Lower Upper
95 100
174 94.0 0.0 160.4
176 91.7 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065379.D
Acq: 5 Jan 2021 11:11

Tgt Ion: 117 Resp: 473710
Ion Ratio Lower Upper
117 100
82 52.4 44.2 66.2
119 32.3 25.8 38.6

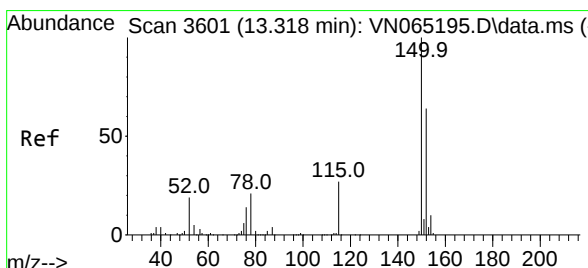
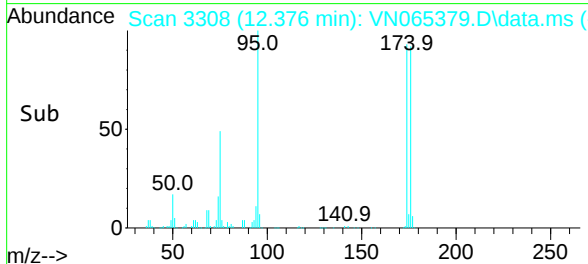
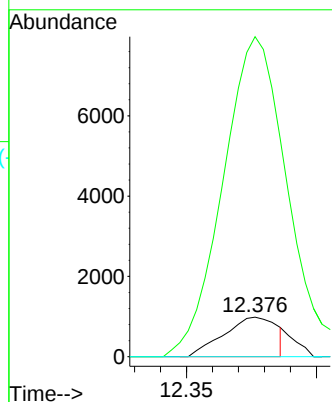
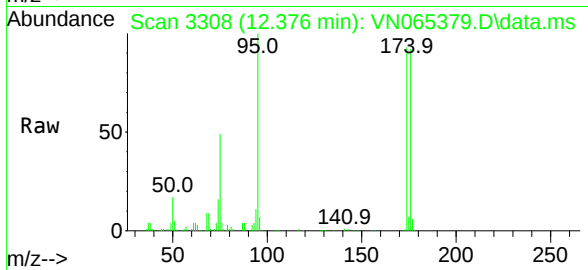




#71
Bromoform
Concen: 0.43 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.276 min
Lab File: VN065379.D
Acq: 5 Jan 2021 11:11

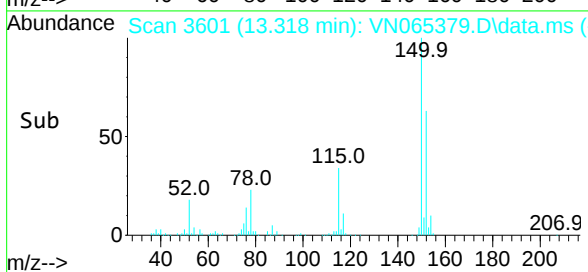
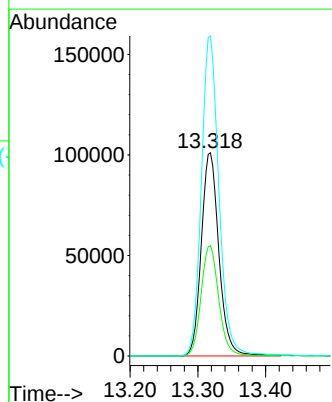
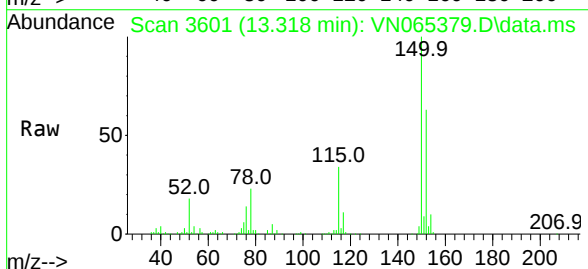
Instrument :
MSVOA_N
ClientSampleId :

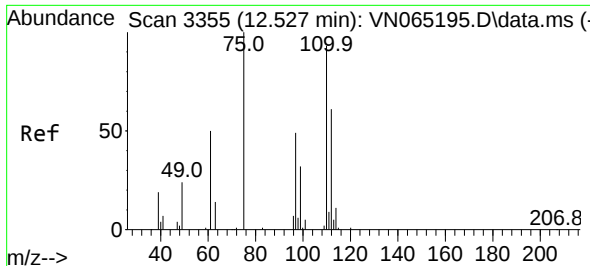
Tgt Ion:173 Resp: 1402
Ion Ratio Lower Upper
173 100
175 811.3 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065379.D
Acq: 5 Jan 2021 11:11

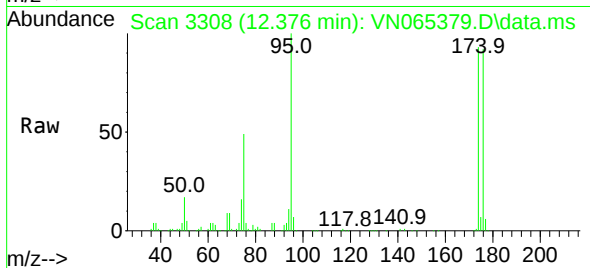
Tgt Ion:152 Resp: 182138
Ion Ratio Lower Upper
152 100
115 54.5 29.7 89.1
150 157.8 0.0 350.6



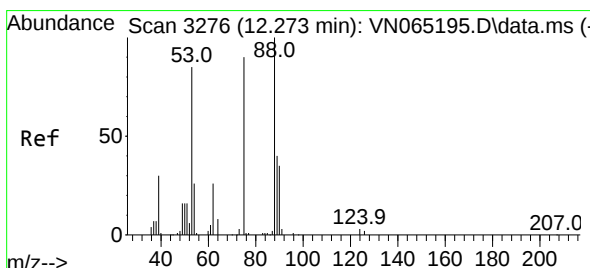
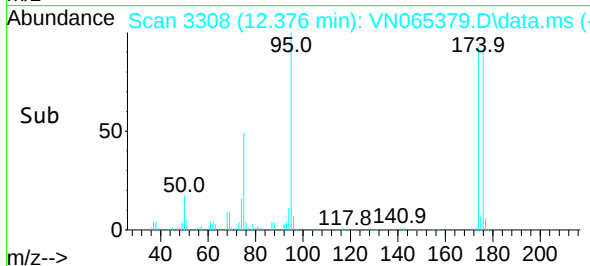
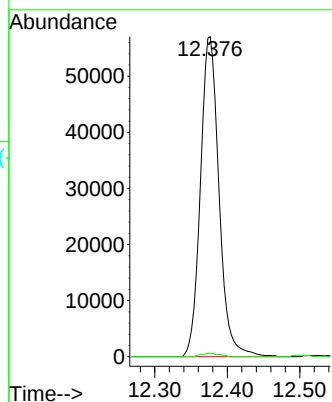


#76
1,2,3-Trichloropropane
Concen: 27.35 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065379.D
Acq: 5 Jan 2021 11:11

Instrument :
MSVOA_N
ClientSampled :

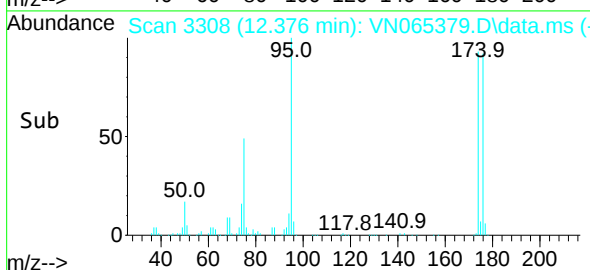
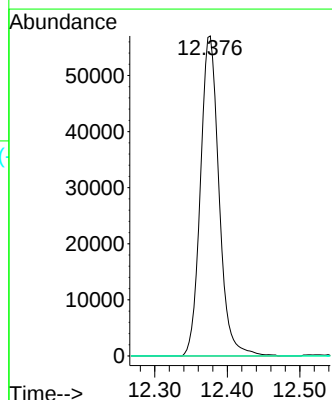
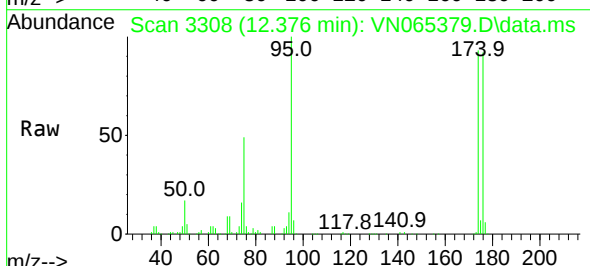


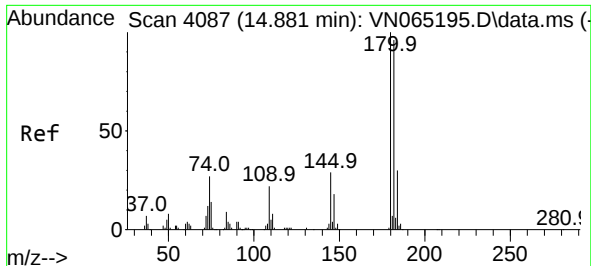
Tgt Ion: 75 Resp: 101623
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.96 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065379.D
Acq: 5 Jan 2021 11:11

Tgt Ion: 75 Resp: 101623
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#

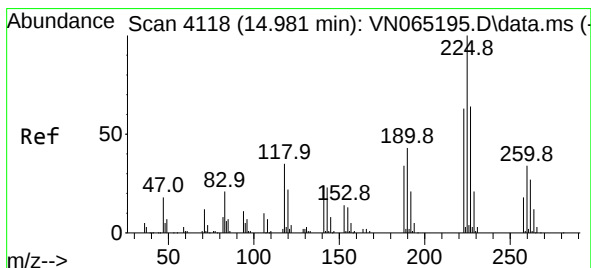
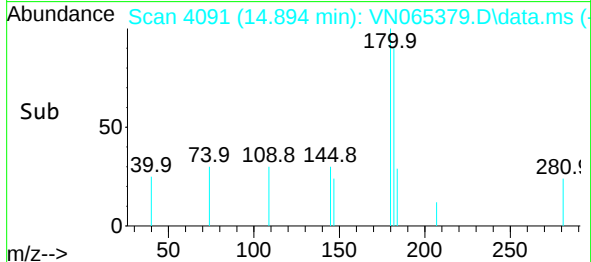
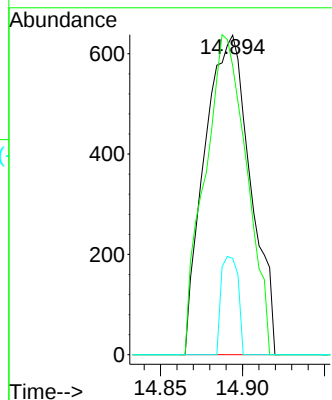
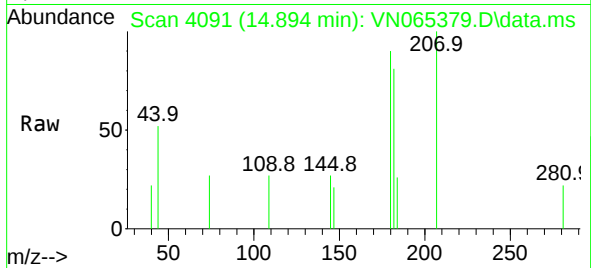




#93
1,2,4-Trichlorobenzene
Concen: 3.16 ug/l
RT: 14.894 min Scan# 4091
Delta R.T. 0.013 min
Lab File: VN065379.D
Acq: 5 Jan 2021 11:11

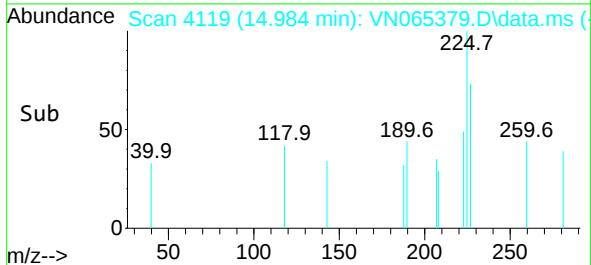
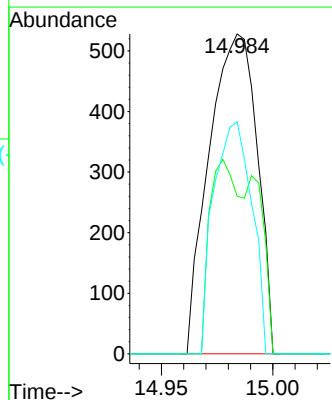
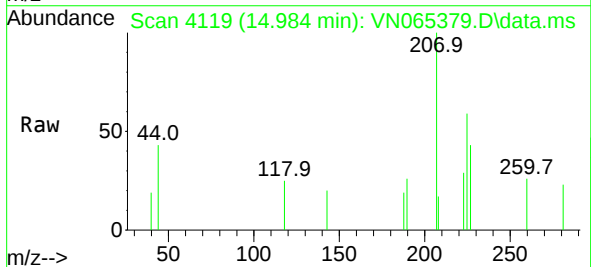
Instrument :
MSVOA_N
ClientSampled :

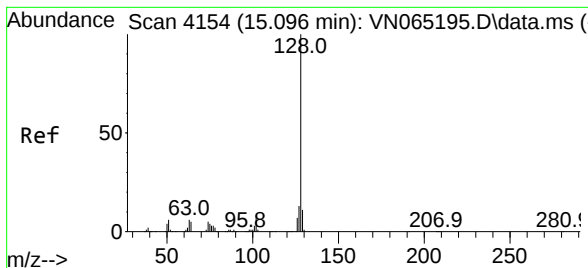
Tgt Ion:180 Resp: 1240
Ion Ratio Lower Upper
180 100
182 90.7 47.6 142.9
145 11.3 15.3 45.8#



#94
Hexachlorobutadiene
Concen: 0.34 ug/l
RT: 14.984 min Scan# 4119
Delta R.T. 0.003 min
Lab File: VN065379.D
Acq: 5 Jan 2021 11:11

Tgt Ion:225 Resp: 792
Ion Ratio Lower Upper
225 100
223 40.5 31.0 93.0
227 57.4 32.0 96.0

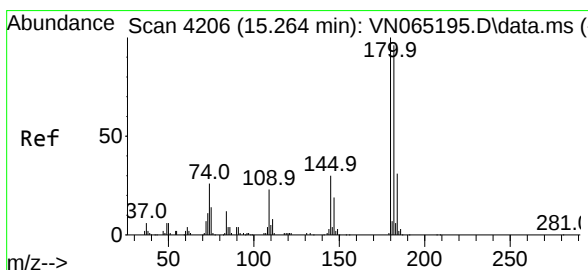
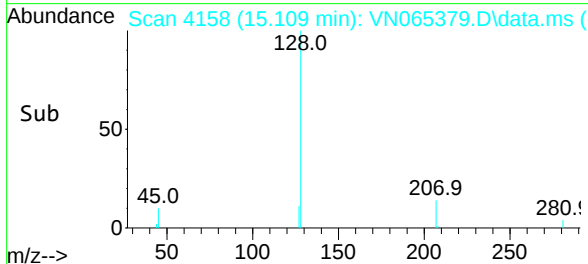
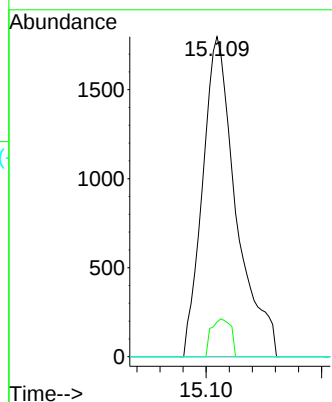
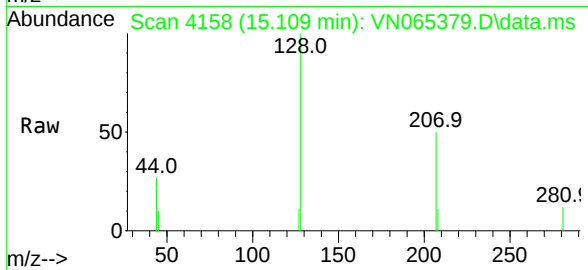




#95
Naphthalene
Concen: 3.73 ug/l
RT: 15.109 min Scan# 4158
Delta R.T. 0.013 min
Lab File: VN065379.D
Acq: 5 Jan 2021 11:11

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:128 Resp: 3620
Ion Ratio Lower Upper
128 100
127 6.9 10.3 15.5#
129 0.0 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 3.69 ug/l
RT: 15.289 min Scan# 4214
Delta R.T. 0.025 min
Lab File: VN065379.D
Acq: 5 Jan 2021 11:11

Tgt Ion:180 Resp: 1693
Ion Ratio Lower Upper
180 100
182 98.1 48.1 144.4
145 18.8 16.4 49.1

