

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012621\
 Data File : VN065598.D
 Acq On : 26 Jan 2021 12:37
 Operator : JC/MD
 Sample : M1244-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 NAB-210125-MNT-BP24

Quant Time: Jan 27 03:27:10 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)

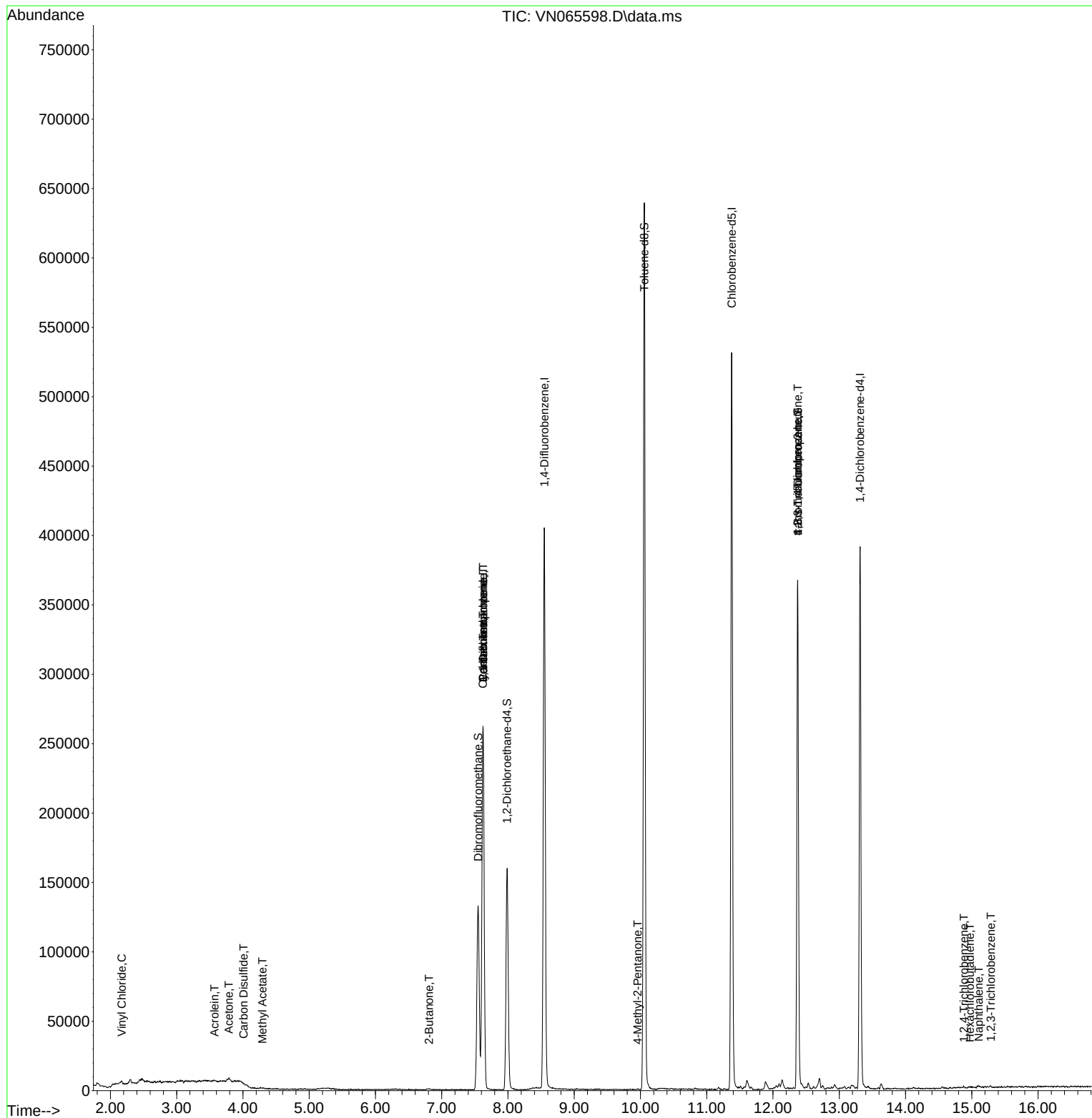
Internal Standards						
1) Pentafluorobenzene	7.624	168	213027	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	370418	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	316912	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	109572	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	134958	48.16	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.32%		
35) Dibromofluoromethane	7.550	113	107467	48.96	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.92%		
50) Toluene-d8	10.058	98	459704	53.28	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	106.56%		
62) 4-Bromofluorobenzene	12.373	95	149612	48.15	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.30%		
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.171	62	1631	0.46	ug/l	94
13) Acrolein	3.569	56	727	19.57	ug/l #	35
16) Acetone	3.785	43	3431	3.14	ug/l #	88
17) Carbon Disulfide	4.010	76	3461	0.42	ug/l #	74
18) Methyl Acetate	4.293	43	766	0.25	ug/l #	51
25) 2-Butanone	6.807	43	951	0.56	ug/l #	46
31) Cyclohexane	7.621	56	4610	0.87	ug/l #	1
36) 1,1-Dichloropropene	7.624	75	17689	4.75	ug/l #	47
38) Carbon Tetrachloride	7.624	117	20337	6.63	ug/l #	16
51) 4-Methyl-2-Pentanone	9.955	43	822	0.24	ug/l #	35
76) 1,2,3-Trichloropropane	12.373	75	70520	24.61	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	70520	63.04	ug/l #	12
93) 1,2,4-Trichlorobenzene	14.881	180	468	3.56	ug/l #	67
94) Hexachlorobutadiene	14.974	225	136	0.37	ug/l #	18
95) Naphthalene	15.103	128	2050	3.72	ug/l #	74
96) 1,2,3-Trichlorobenzene	15.289	180	569	3.09	ug/l #	90

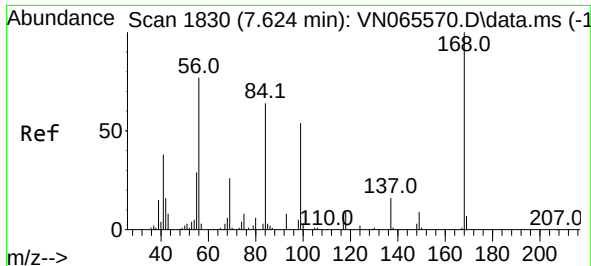
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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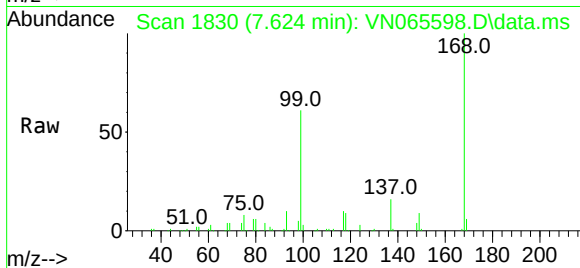
Quant Time: Jan 27 03:27:10 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 25 13:47:28 2021
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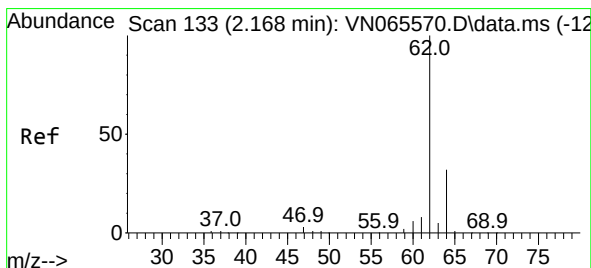
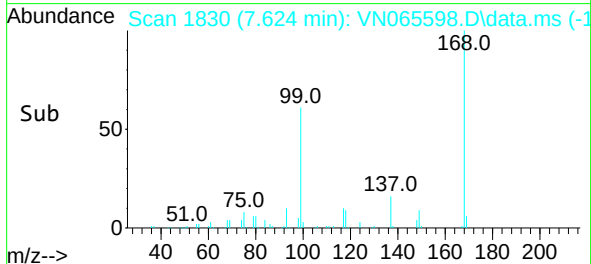
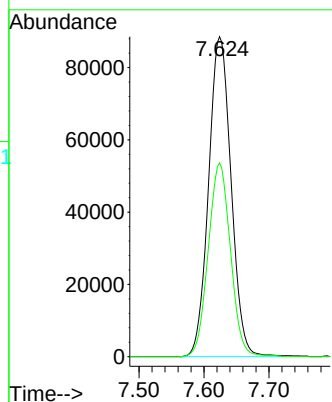


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN065598.D
Acq: 26 Jan 2021 12:37

Instrument :
MSVOA_N
ClientSampleId :
NAB-210125-MNT-BP24

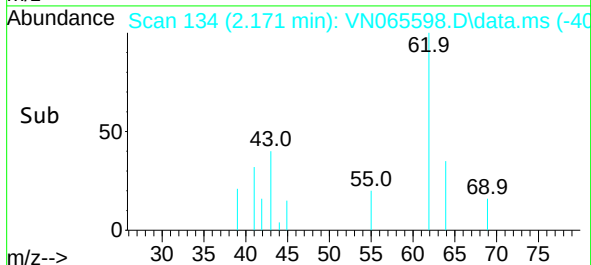
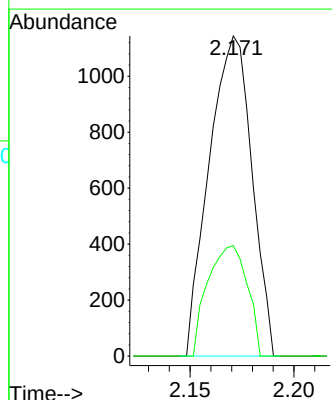
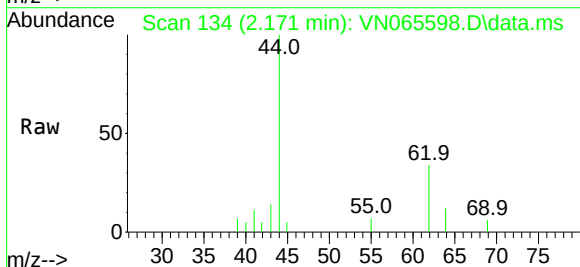


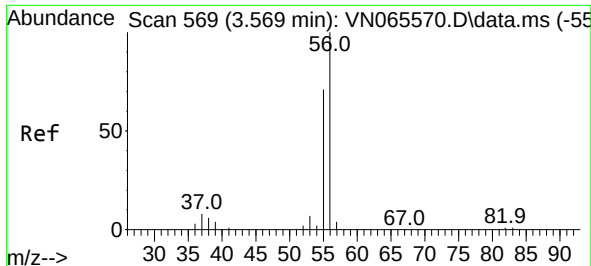
Tgt Ion:168 Resp: 213027
Ion Ratio Lower Upper
168 100
99 60.6 42.6 63.8



#4
Vinyl Chloride
Concen: 0.46 ug/l
RT: 2.171 min Scan# 134
Delta R.T. 0.003 min
Lab File: VN065598.D
Acq: 26 Jan 2021 12:37

Tgt Ion: 62 Resp: 1631
Ion Ratio Lower Upper
62 100
64 34.5 25.1 37.7

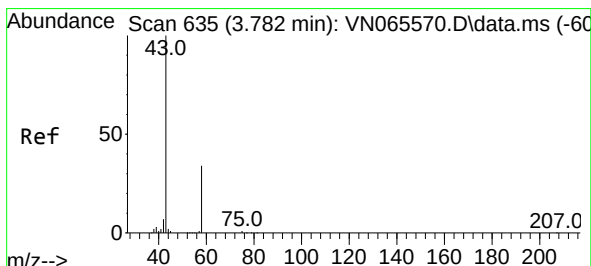
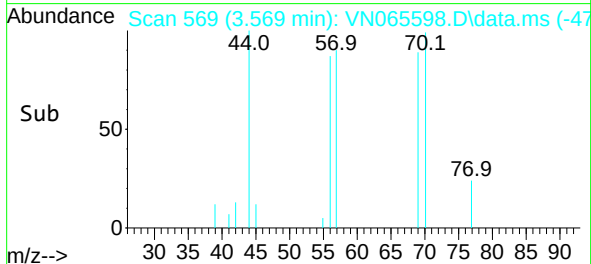
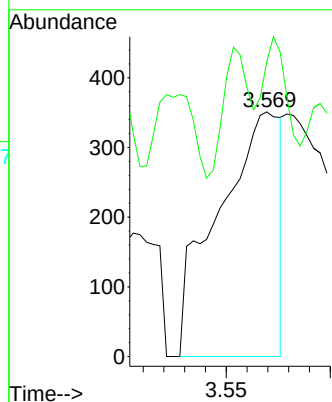
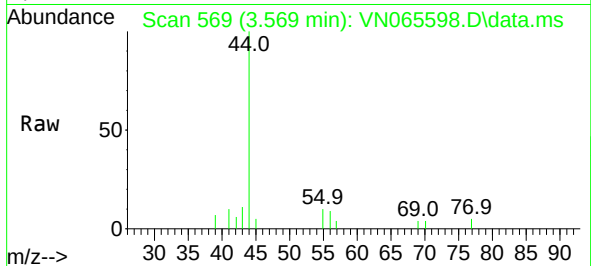




#13
Acrolein
Concen: 19.57 ug/l
RT: 3.569 min Scan# 569
Delta R.T. 0.000 min
Lab File: VN065598.D
Acq: 26 Jan 2021 12:37

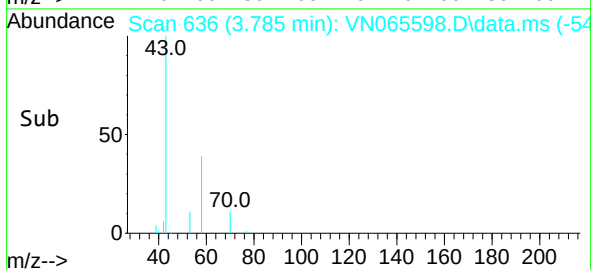
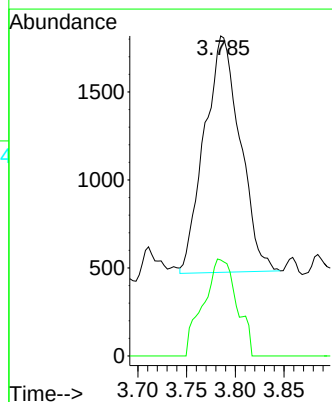
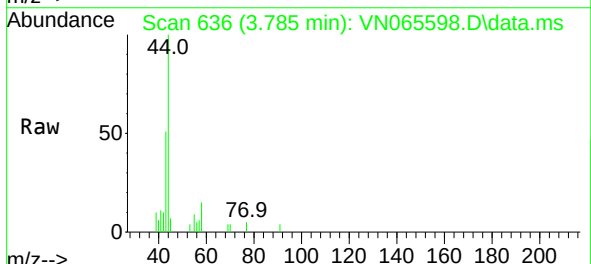
Instrument :
MSVOA_N
ClientSampleId :
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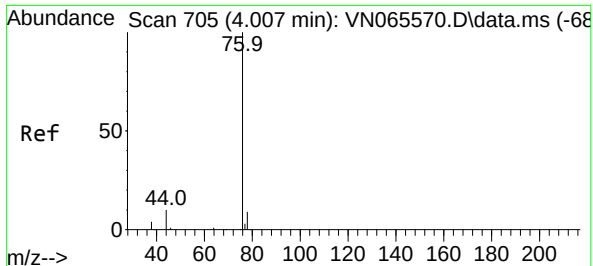
Tgt Ion: 56 Resp: 727
Ion Ratio Lower Upper
56 100
55 16.5 56.0 84.0#



#16
Acetone
Concen: 3.14 ug/l
RT: 3.785 min Scan# 636
Delta R.T. 0.003 min
Lab File: VN065598.D
Acq: 26 Jan 2021 12:37

Tgt Ion: 43 Resp: 3431
Ion Ratio Lower Upper
43 100
58 40.8 27.0 40.6#

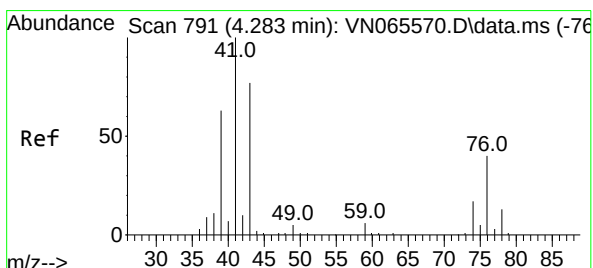
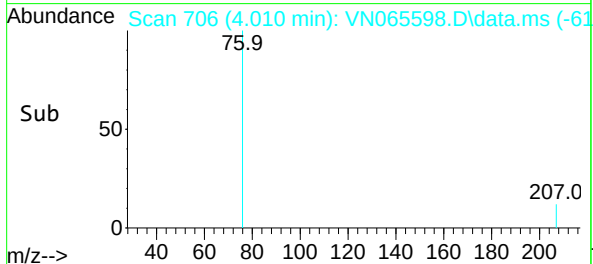
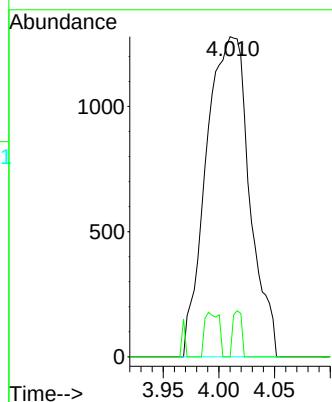
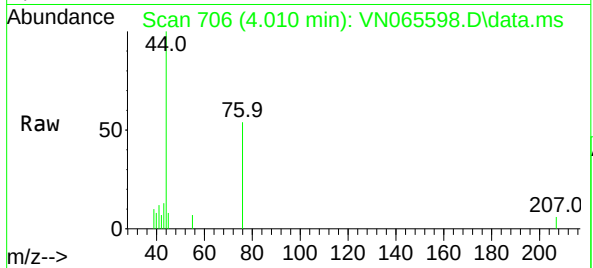




#17
Carbon Disulfide
Concen: 0.42 ug/l
RT: 4.010 min Scan# 706
Delta R.T. 0.003 min
Lab File: VN065598.D
Acq: 26 Jan 2021 12:37

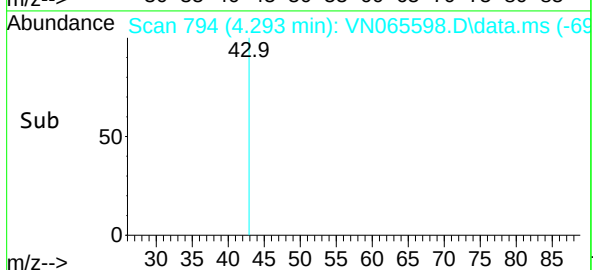
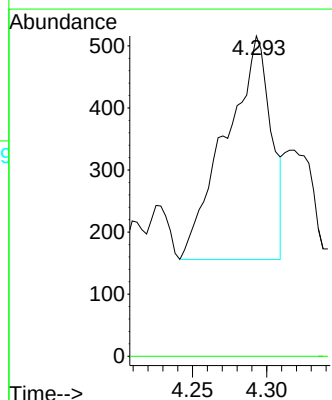
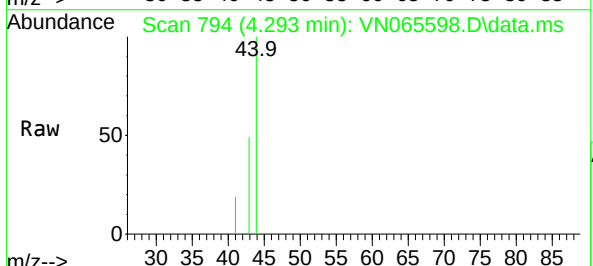
Instrument :
MSVOA_N
ClientSampleId :
NAB-210125-MNT-BP24

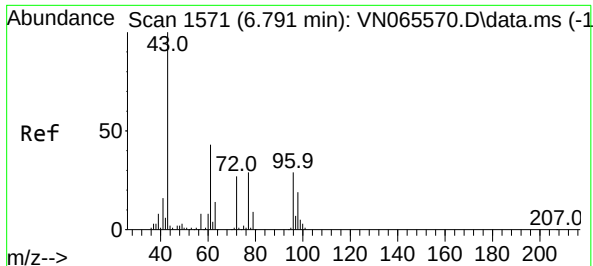
Tgt Ion: 76 Resp: 3461
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#



#18
Methyl Acetate
Concen: 0.25 ug/l
RT: 4.293 min Scan# 794
Delta R.T. 0.010 min
Lab File: VN065598.D
Acq: 26 Jan 2021 12:37

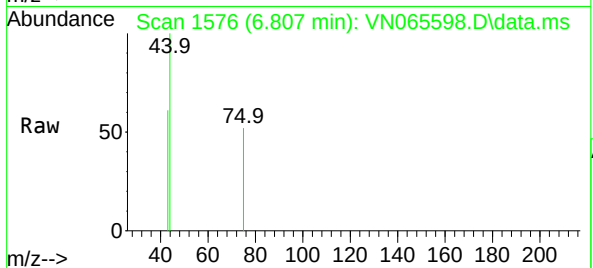
Tgt Ion: 43 Resp: 766
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#



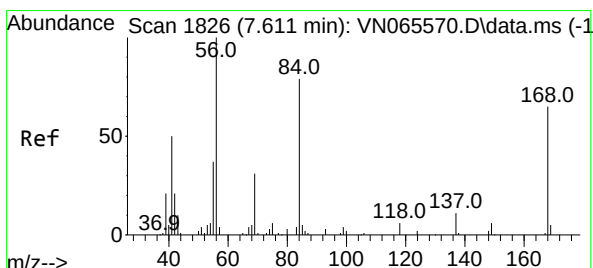
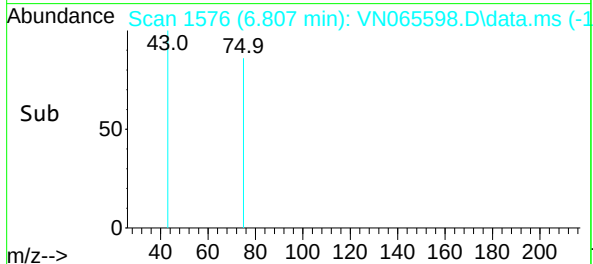
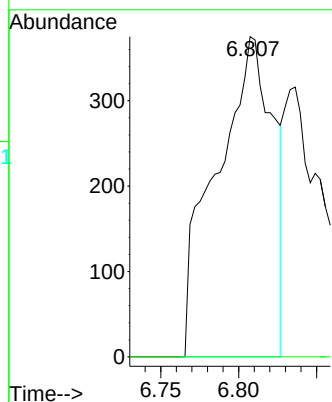


#25
2-Butanone
Concen: 0.56 ug/l
RT: 6.807 min Scan# 1576
Delta R.T. 0.016 min
Lab File: VN065598.D
Acq: 26 Jan 2021 12:37

Instrument :
MSVOA_N
ClientSampleId :
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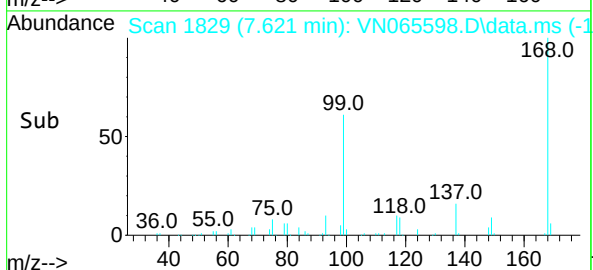
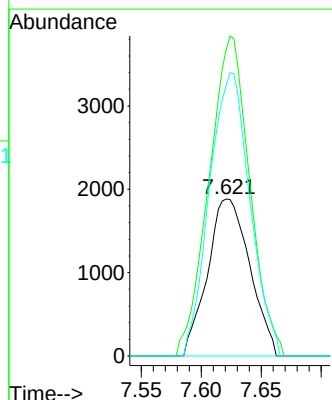
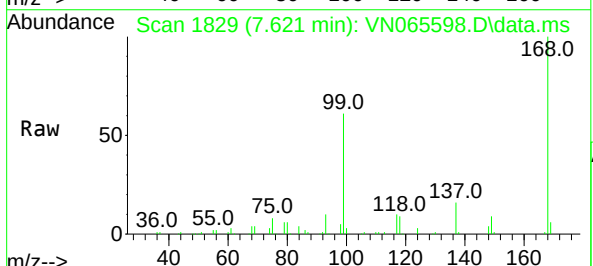


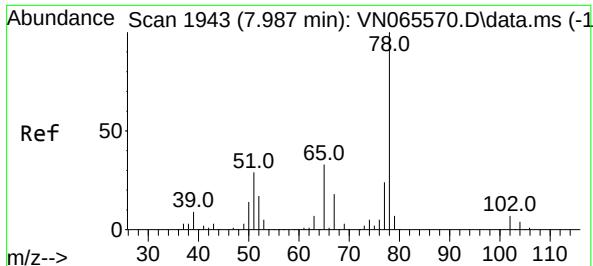
Tgt Ion: 43 Resp: 951
Ion Ratio Lower Upper
43 100
72 0.0 23.1 34.7#



#31
Cyclohexane
Concen: 0.87 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. 0.010 min
Lab File: VN065598.D
Acq: 26 Jan 2021 12:37

Tgt Ion: 56 Resp: 4610
Ion Ratio Lower Upper
56 100
69 185.8 26.6 39.8#
84 172.1 70.4 105.6#

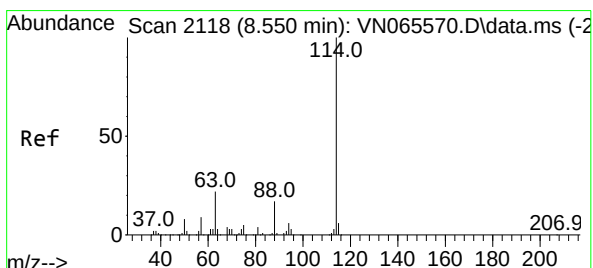
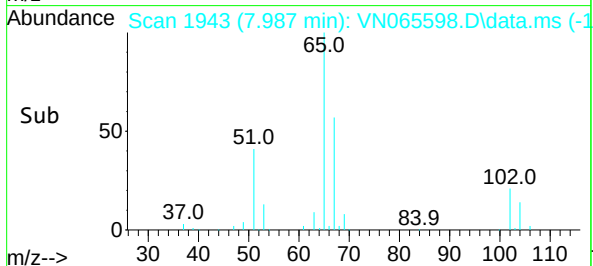
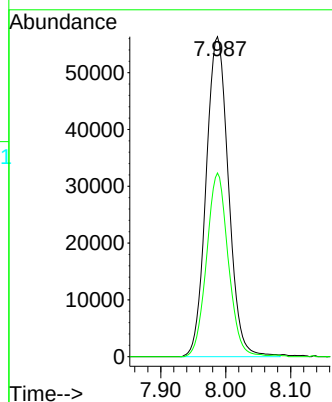
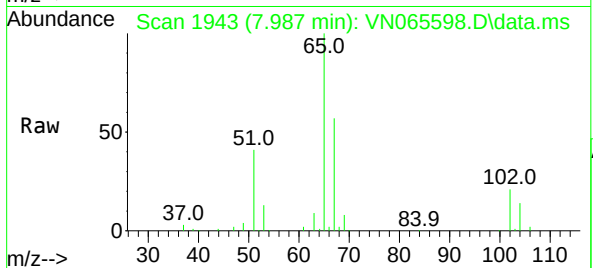




#33
1,2-Dichloroethane-d4
Concen: 48.16 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065598.D
Acq: 26 Jan 2021 12:37

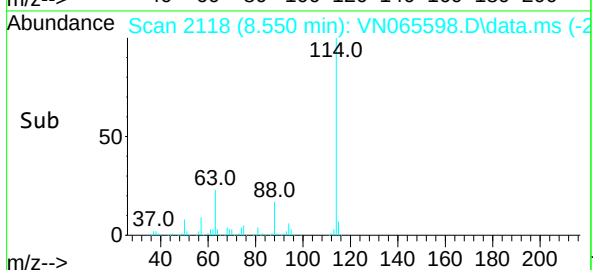
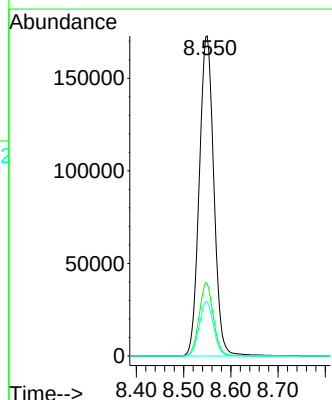
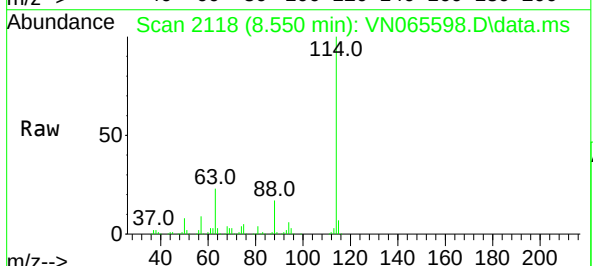
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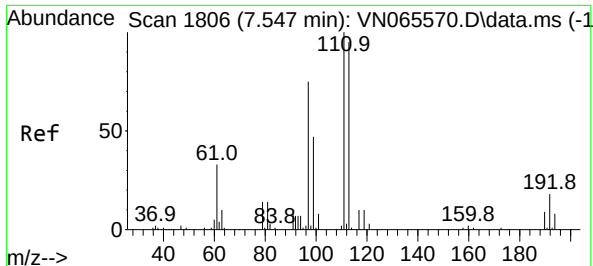
Tgt Ion: 65 Resp: 134958
Ion Ratio Lower Upper
65 100
67 55.6 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065598.D
Acq: 26 Jan 2021 12:37

Tgt Ion: 114 Resp: 370418
Ion Ratio Lower Upper
114 100
63 22.6 0.0 38.6
88 16.9 0.0 30.6



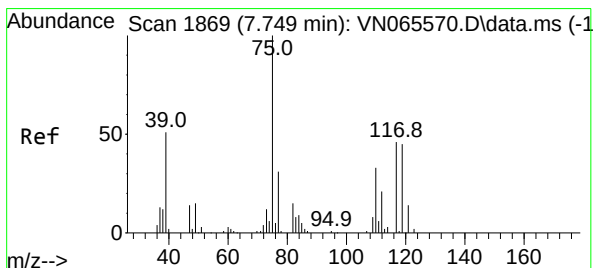
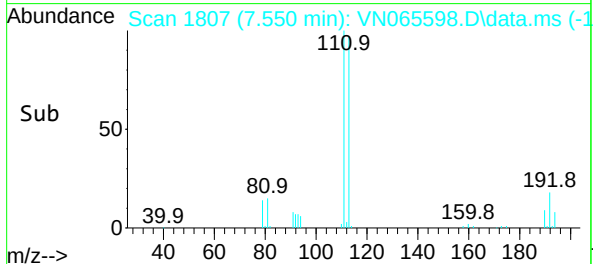
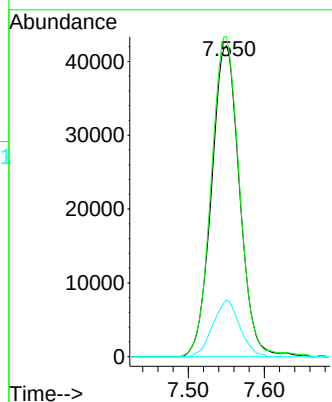
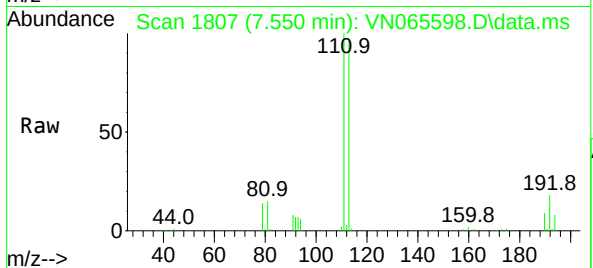


#35

Dibromofluoromethane
Concen: 48.96 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VN065598.D
Acq: 26 Jan 2021 12:37

Instrument :
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ClientSampleId :
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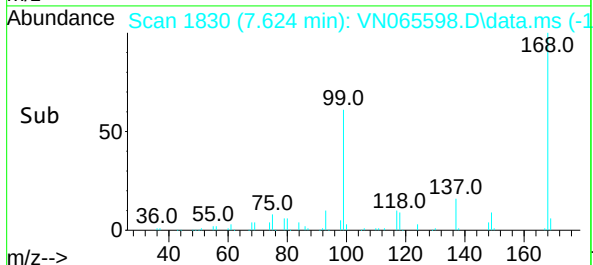
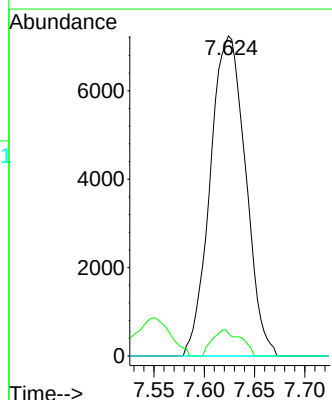
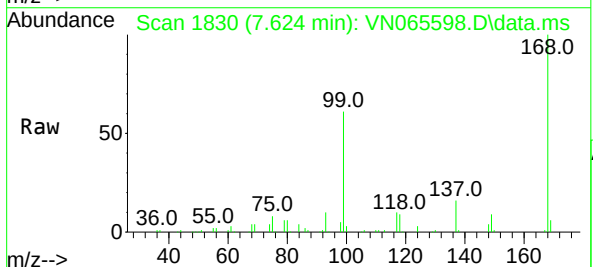
Tgt Ion:113 Resp: 107467
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 17.5 15.4 23.0

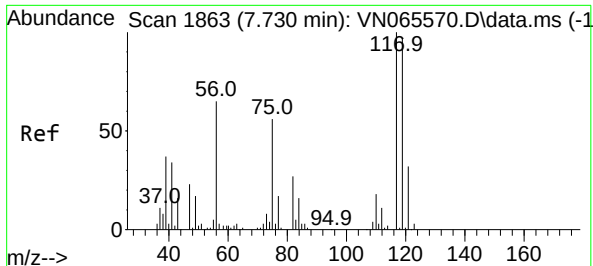


#36

1,1-Dichloropropene
Concen: 4.75 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.125 min
Lab File: VN065598.D
Acq: 26 Jan 2021 12:37

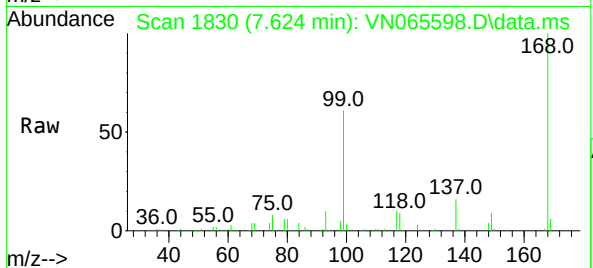
Tgt Ion: 75 Resp: 17689
Ion Ratio Lower Upper
75 100
110 6.6 18.2 54.6#
77 0.0 24.9 37.3#



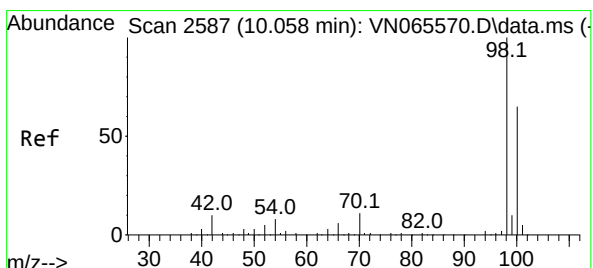
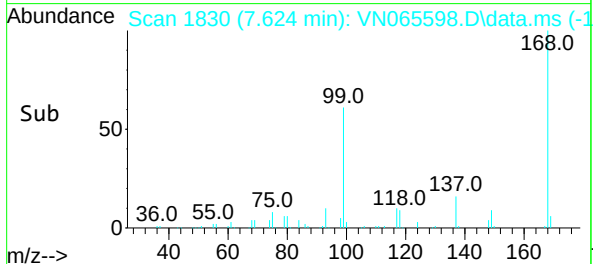
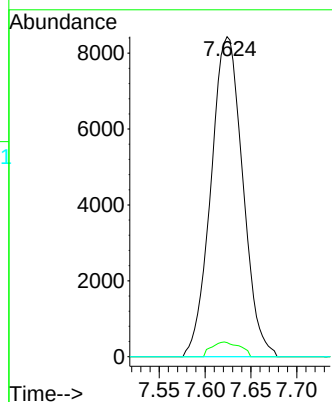


#38
Carbon Tetrachloride
Concen: 6.63 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.106 min
Lab File: VN065598.D
Acq: 26 Jan 2021 12:37

Instrument :
MSVOA_N
ClientSampleId :
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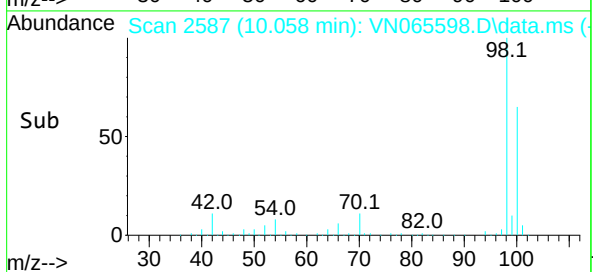
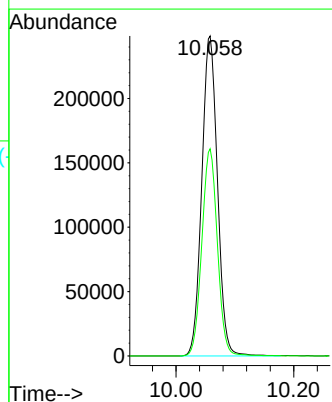
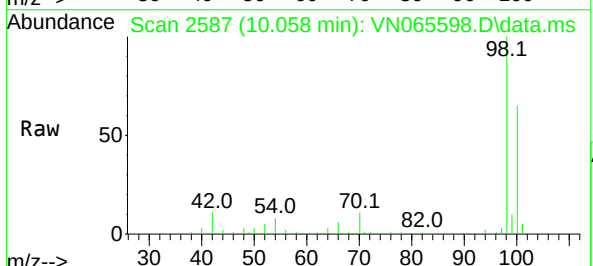


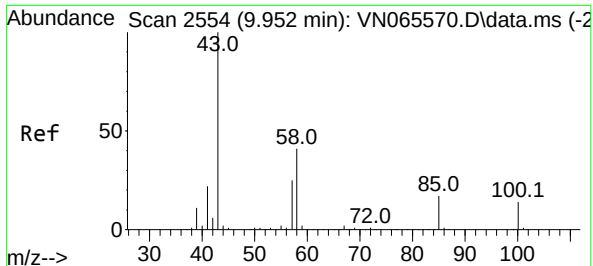
Tgt Ion:117 Resp: 20337
Ion Ratio Lower Upper
117 100
119 4.4 76.0 114.0#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 53.28 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN065598.D
Acq: 26 Jan 2021 12:37

Tgt Ion: 98 Resp: 459704
Ion Ratio Lower Upper
98 100
100 64.2 50.5 75.7

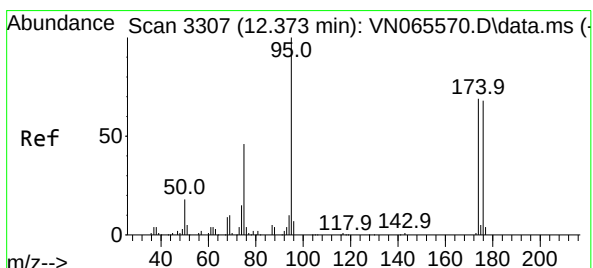
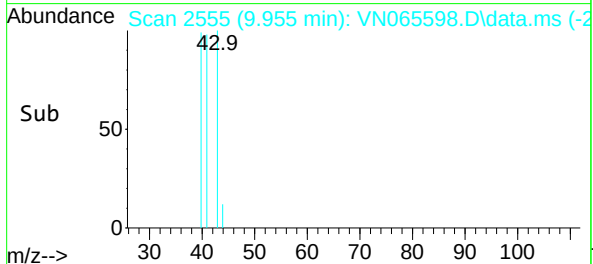
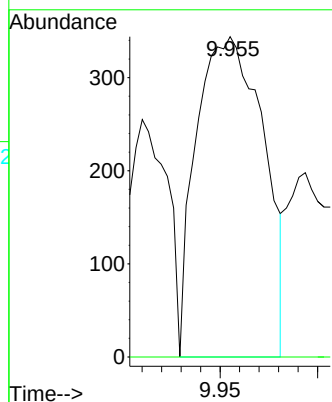
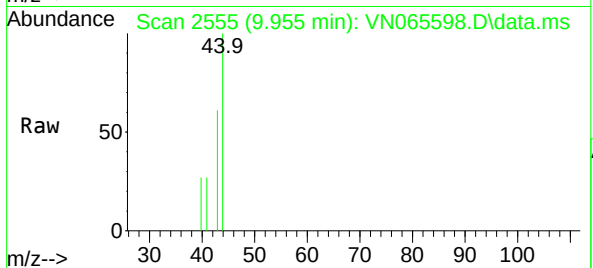




#51
4-Methyl-2-Pentanone
Concen: 0.24 ug/l
RT: 9.955 min Scan# 2555
Delta R.T. 0.003 min
Lab File: VN065598.D
Acq: 26 Jan 2021 12:37

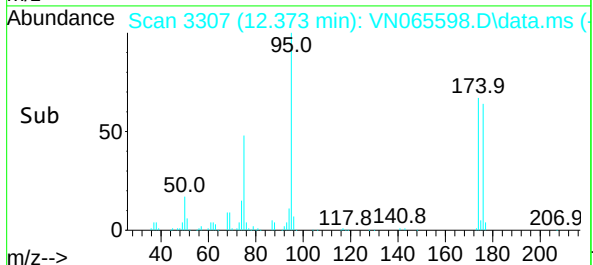
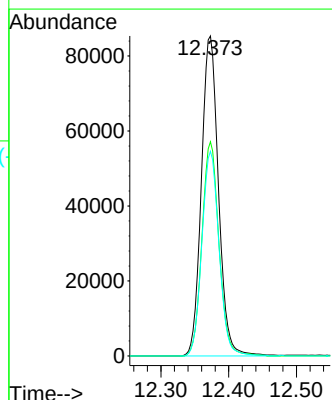
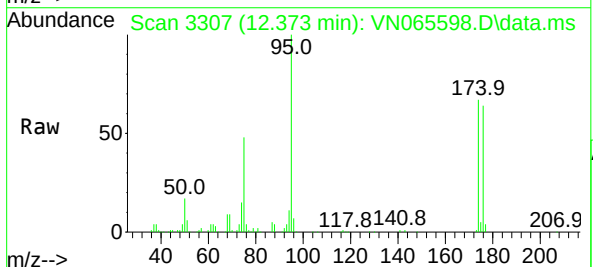
Instrument :
MSVOA_N
ClientSampleId :
NAB-210125-MNT-BP24

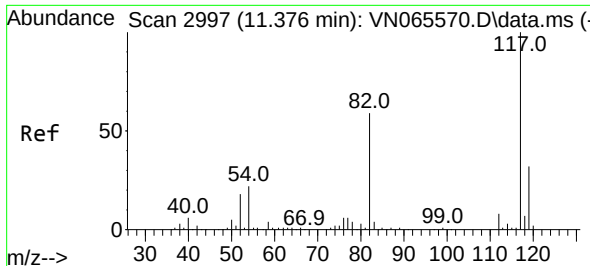
Tgt Ion: 43 Resp: 822
Ion Ratio Lower Upper
43 100
58 0.0 32.5 48.7#



#62
4-Bromofluorobenzene
Concen: 48.15 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065598.D
Acq: 26 Jan 2021 12:37

Tgt Ion: 95 Resp: 149612
Ion Ratio Lower Upper
95 100
174 66.6 0.0 169.0
176 64.0 0.0 162.4

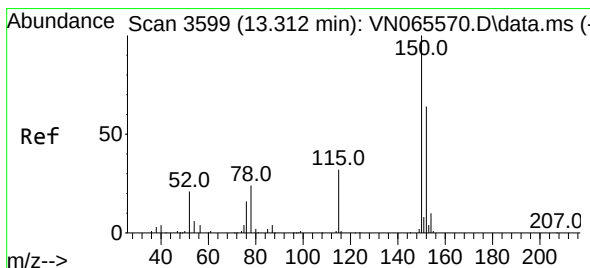
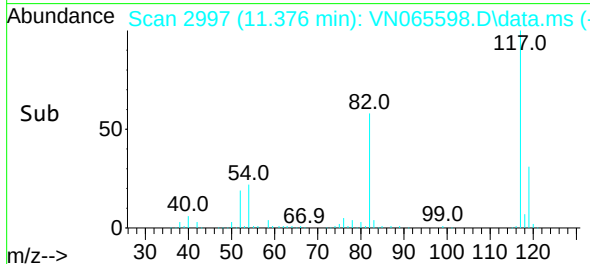
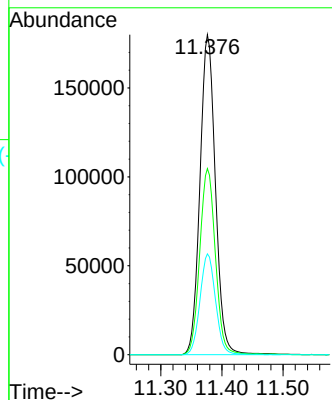
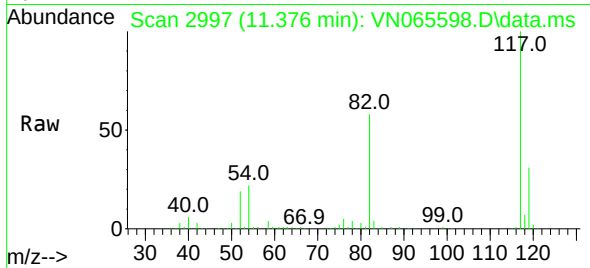




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065598.D
Acq: 26 Jan 2021 12:37

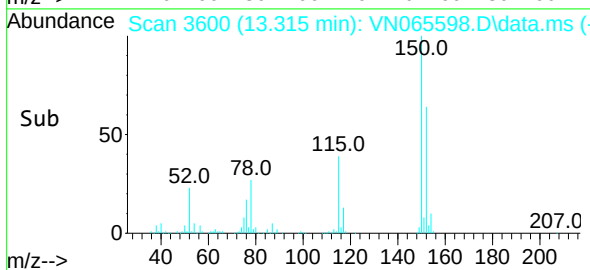
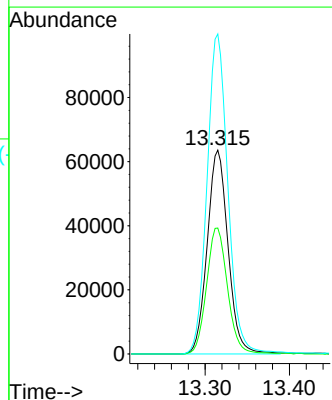
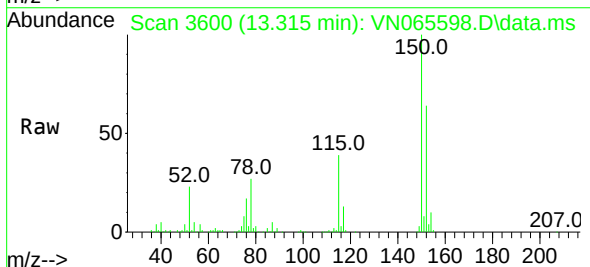
Instrument :
MSVOA_N
ClientSampleId :
NAB-210125-MNT-BP24

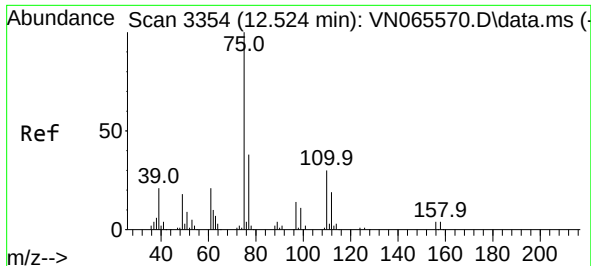
Tgt Ion:117 Resp: 316912
Ion Ratio Lower Upper
117 100
82 58.2 43.7 65.5
119 31.5 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065598.D
Acq: 26 Jan 2021 12:37

Tgt Ion:152 Resp: 109572
Ion Ratio Lower Upper
152 100
115 62.1 28.5 85.6
150 157.1 0.0 347.6

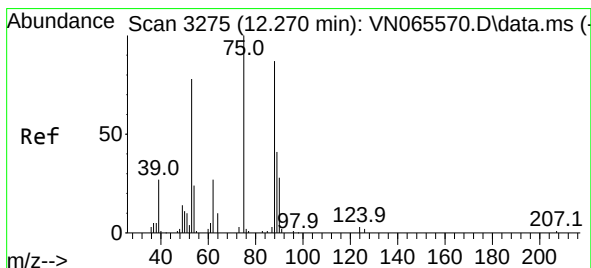
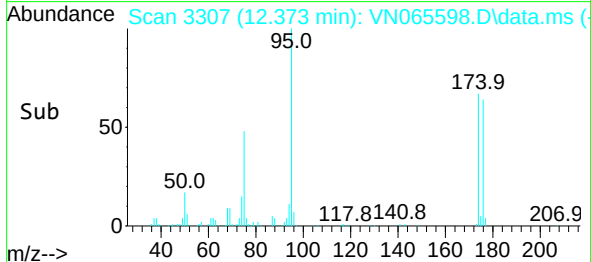
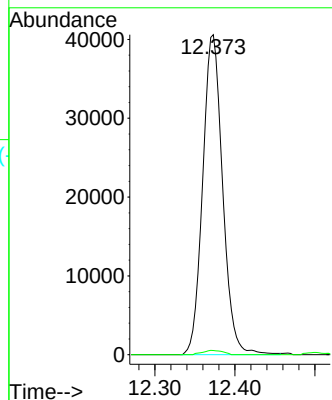
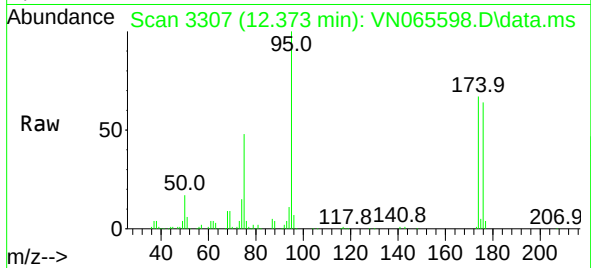




#76
1,2,3-Trichloropropane
Concen: 24.61 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065598.D
Acq: 26 Jan 2021 12:37

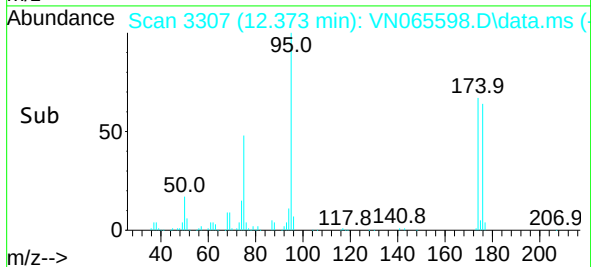
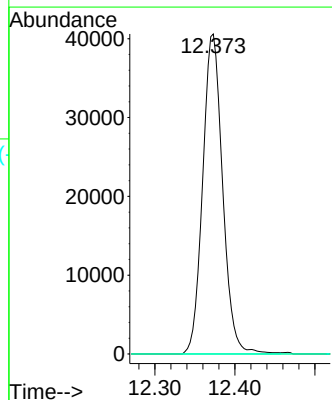
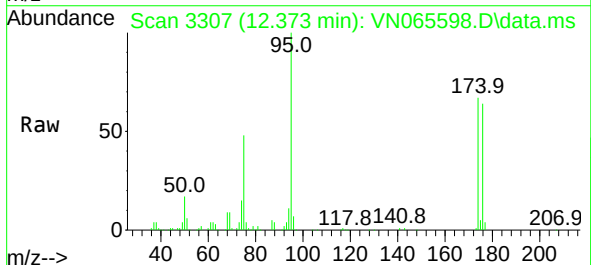
Instrument :
MSVOA_N
ClientSampleId :
NAB-210125-MNT-BP24

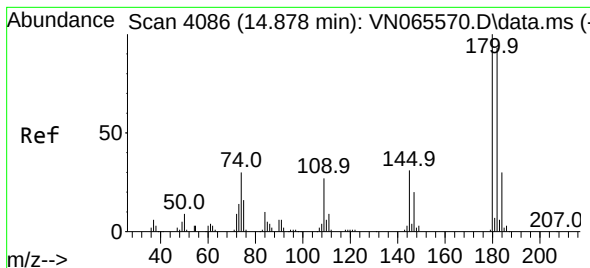
Tgt Ion: 75 Resp: 70520
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.04 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065598.D
Acq: 26 Jan 2021 12:37

Tgt Ion: 75 Resp: 70520
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#





#93

1,2,4-Trichlorobenzene

Concen: 3.56 ug/l

RT: 14.881 min Scan# 4087

Delta R.T. 0.003 min

Lab File: VN065598.D

Acq: 26 Jan 2021 12:37

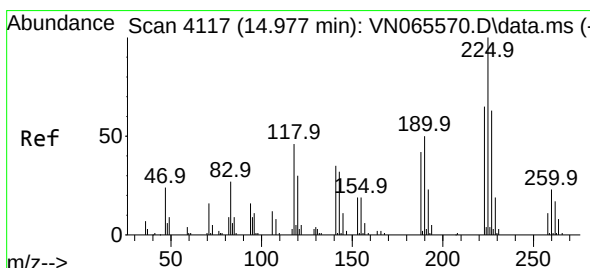
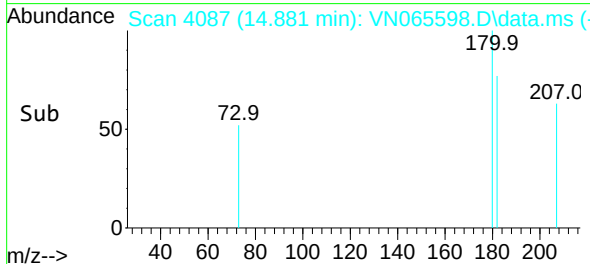
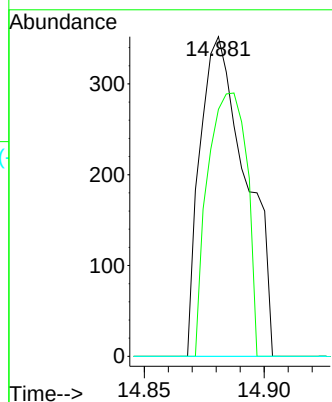
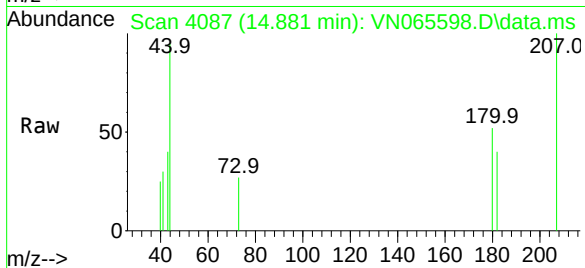
Tgt Ion:180 Resp: 468

Ion Ratio Lower Upper

180 100

182 69.9 47.3 142.0

145 0.0 15.6 46.8#



#94

Hexachlorobutadiene

Concen: 0.37 ug/l

RT: 14.974 min Scan# 4116

Delta R.T. -0.003 min

Lab File: VN065598.D

Acq: 26 Jan 2021 12:37

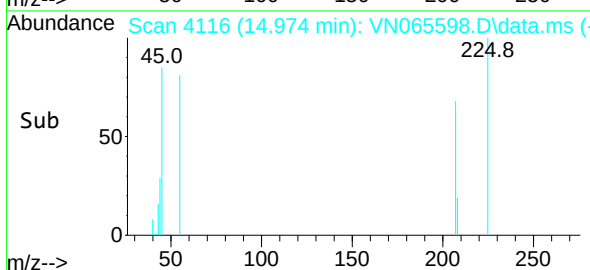
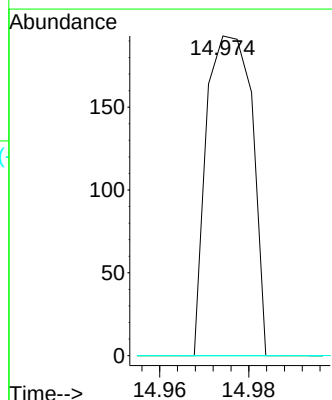
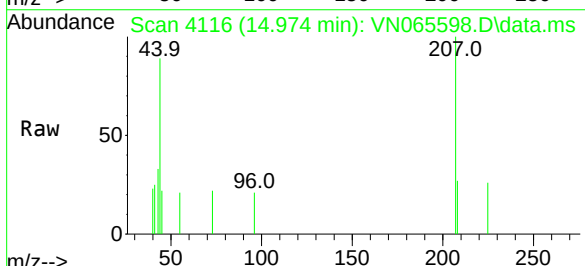
Tgt Ion:225 Resp: 136

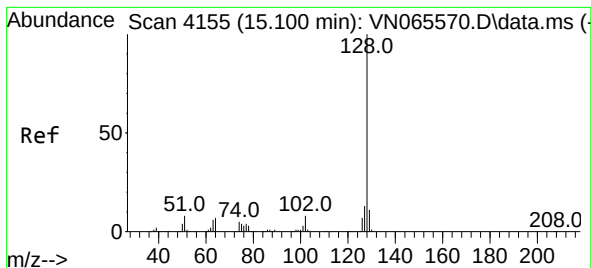
Ion Ratio Lower Upper

225 100

223 0.0 31.9 95.9#

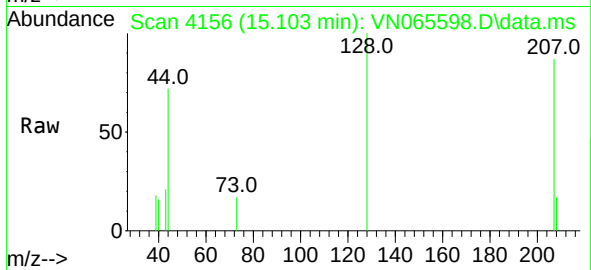
227 0.0 31.6 95.0#



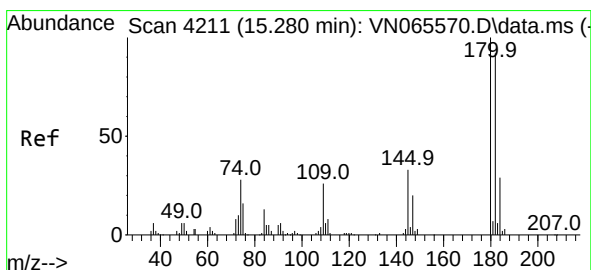
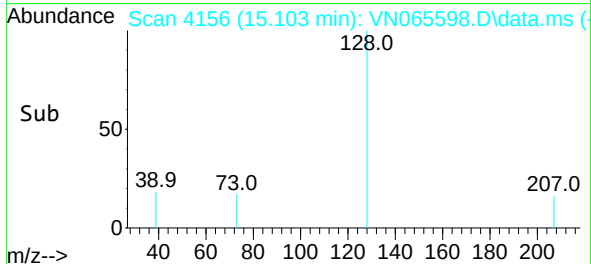
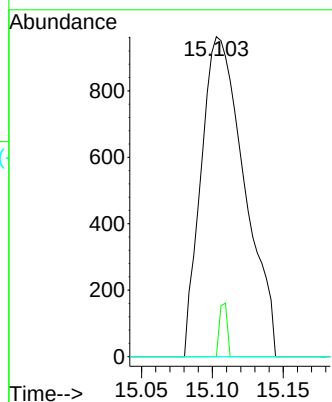


#95
Naphthalene
Concen: 3.72 ug/l
RT: 15.103 min Scan# 4156
Delta R.T. 0.003 min
Lab File: VN065598.D
Acq: 26 Jan 2021 12:37

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:128 Resp: 2050
Ion Ratio Lower Upper
128 100
127 3.0 10.2 15.2#
129 0.0 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 3.09 ug/l
RT: 15.289 min Scan# 4214
Delta R.T. 0.009 min
Lab File: VN065598.D
Acq: 26 Jan 2021 12:37

Tgt Ion:180 Resp: 569
Ion Ratio Lower Upper
180 100
182 94.7 47.4 142.3
145 11.2 16.5 49.5#

