

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012921\
 Data File : VN065681.D
 Acq On : 29 Jan 2021 16:53
 Operator : JC/MD
 Sample : M1288-07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 152140-MW-5S

Quant Time: Jan 30 01:04:14 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)

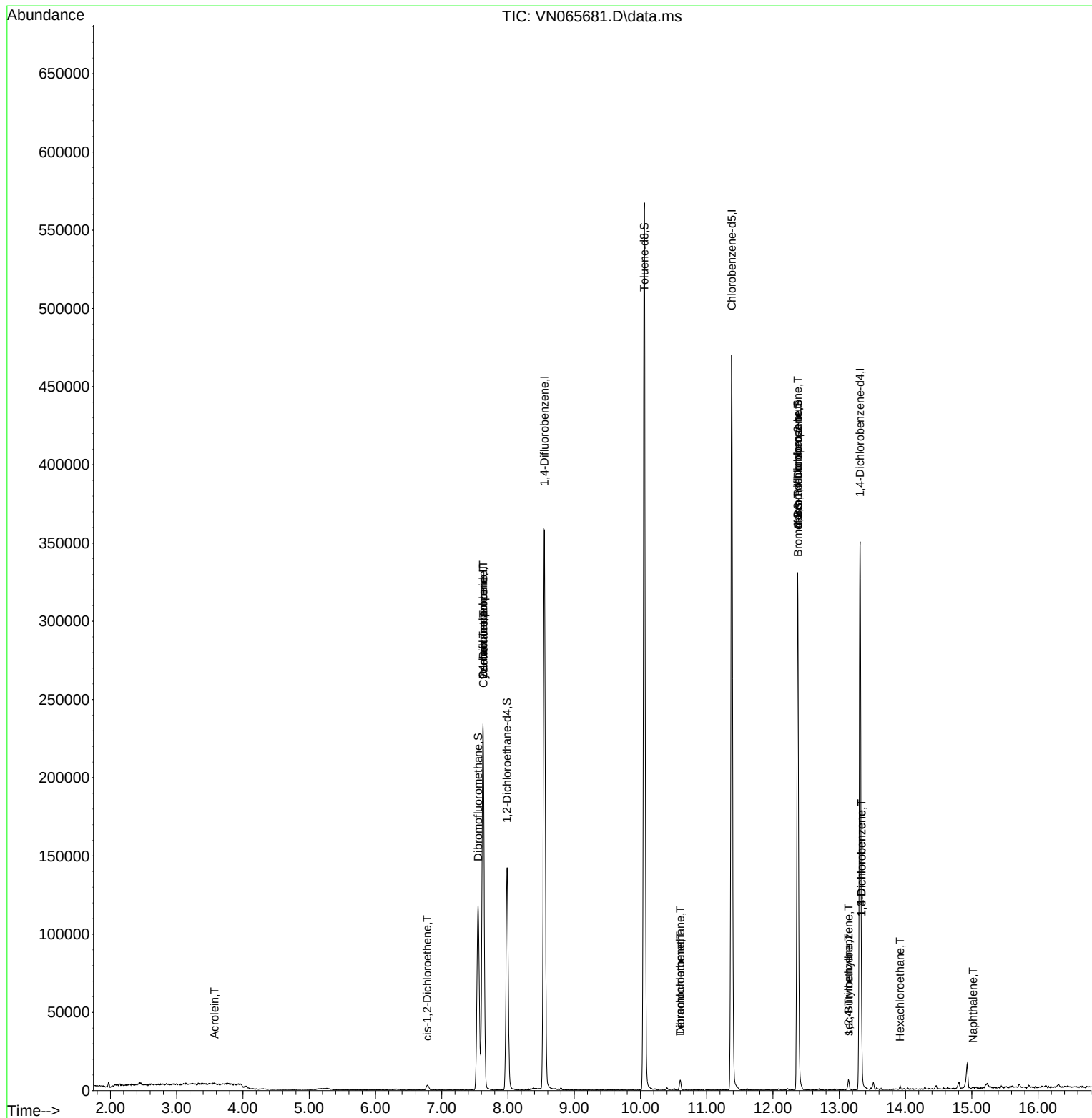
Internal Standards						
1) Pentafluorobenzene	7.624	168	194109	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	332957	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	286811	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	103300	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	118701	46.48	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.96%		
35) Dibromofluoromethane	7.550	113	96979	49.15	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.30%		
50) Toluene-d8	10.058	98	412149	53.14	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	106.28%		
62) 4-Bromofluorobenzene	12.373	95	133876	47.93	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.86%		
Target Compounds						
					Qvalue	
13) Acrolein	3.570	56	68	18.24	ug/l #	1
27) cis-1,2-Dichloroethene	6.782	96	1928	0.67	ug/l	88
31) Cyclohexane	7.627	56	3877	0.81	ug/l #	1
36) 1,1-Dichloropropene	7.624	75	15008	4.48	ug/l #	47
38) Carbon Tetrachloride	7.624	117	18654	6.76	ug/l #	16
60) Dibromochloromethane	10.601	129	1600	0.68	ug/l #	11
64) Tetrachloroethene	10.601	164	1551	0.65	ug/l	91
71) Bromoform	12.376	173	431	0.29	ug/l #	1
76) 1,2,3-Trichloropropane	12.373	75	61223	22.67	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	61223	58.05	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.141	105	4709	0.61	ug/l #	31
85) sec-Butylbenzene	13.141	105	4709	0.54	ug/l	97
87) 1,3-Dichlorobenzene	13.334	146	1600	0.46	ug/l #	40
88) 1,4-Dichlorobenzene	13.334	146	1600	0.45	ug/l #	38
90) Hexachloroethane	13.920	117	1329	0.99	ug/l #	12
95) Naphthalene	15.019	128	93	3.46	ug/l #	69

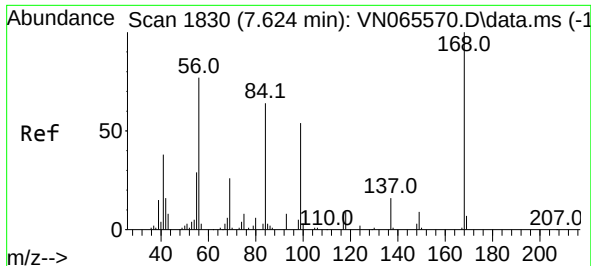
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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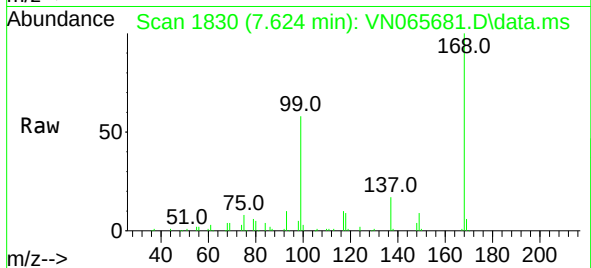
Quant Time: Jan 30 01:04:14 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 25 13:47:28 2021
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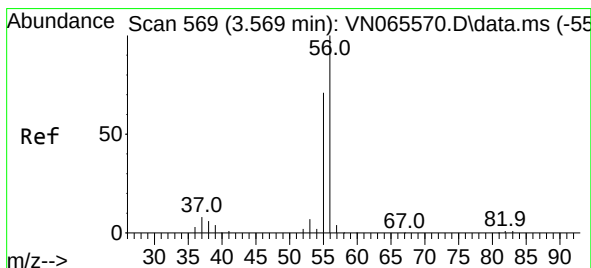
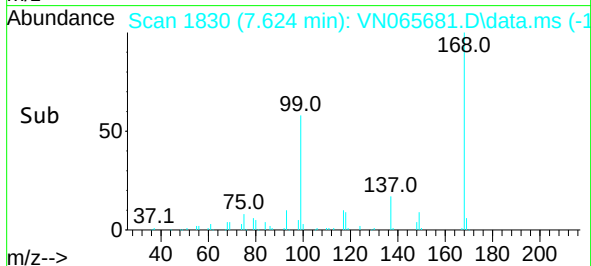
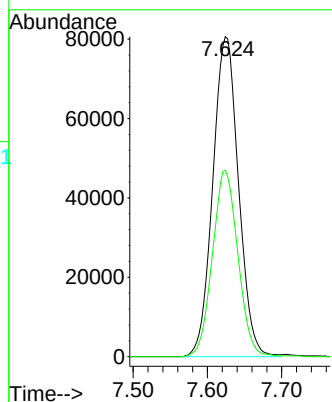


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN065681.D
Acq: 29 Jan 2021 16:53

Instrument :
MSVOA_N
ClientSampleId :
152140-MW-5S

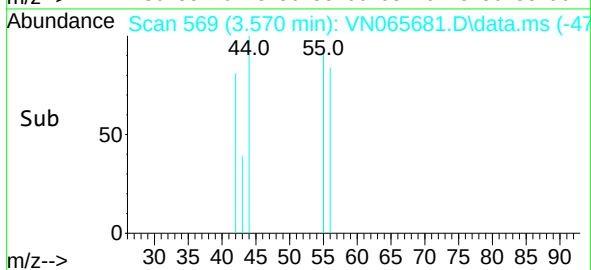
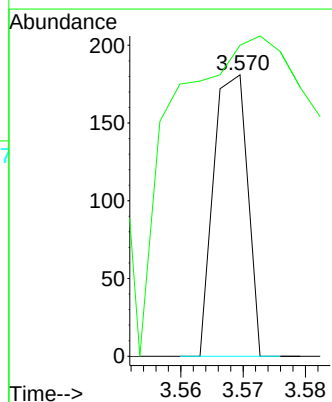
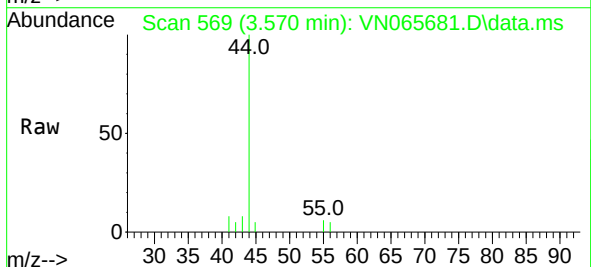


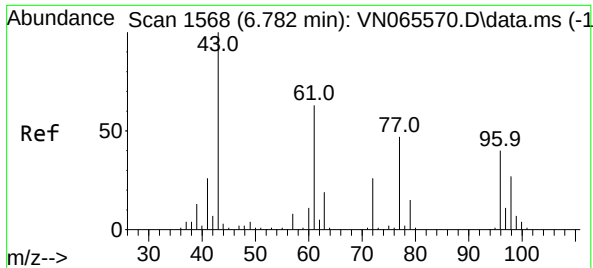
Tgt Ion:168 Resp: 194109
Ion Ratio Lower Upper
168 100
99 58.3 42.6 63.8



#13
Acrolein
Concen: 18.24 ug/l
RT: 3.570 min Scan# 569
Delta R.T. 0.001 min
Lab File: VN065681.D
Acq: 29 Jan 2021 16:53

Tgt Ion: 56 Resp: 68
Ion Ratio Lower Upper
56 100
55 457.4 56.0 84.0#

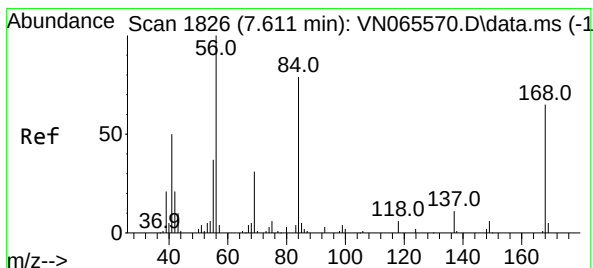
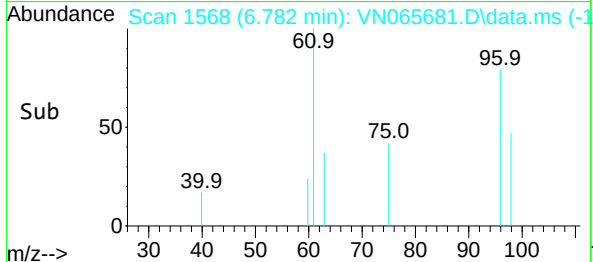
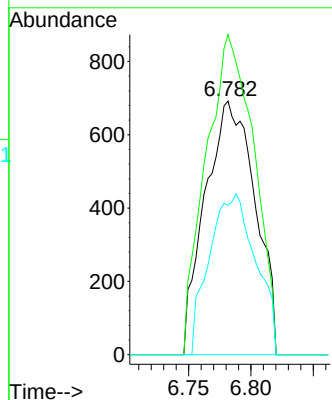
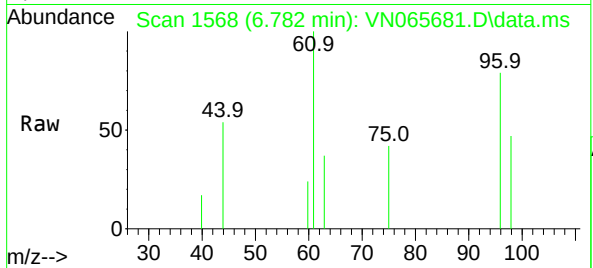




#27
cis-1,2-Dichloroethene
Concen: 0.67 ug/l
RT: 6.782 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN065681.D
Acq: 29 Jan 2021 16:53

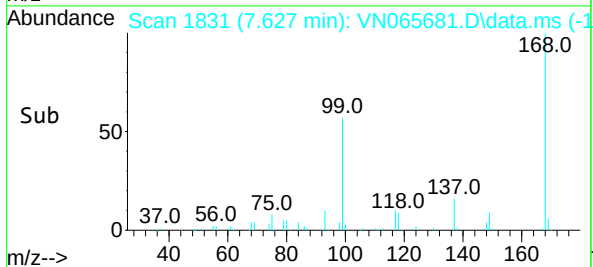
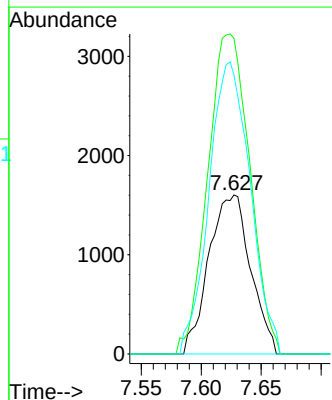
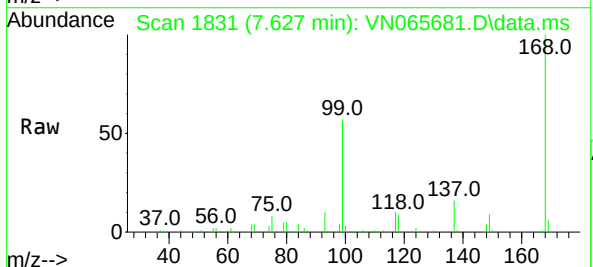
Instrument :
MSVOA_N
ClientSampleId :
152140-MW-5S

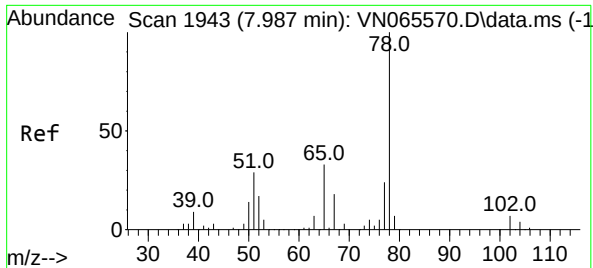
Tgt Ion:	96	Resp:	1928
Ion	Ratio	Lower	Upper
96	100		
61	121.7	0.0	276.8
98	59.1	0.0	129.4



#31
Cyclohexane
Concen: 0.81 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.016 min
Lab File: VN065681.D
Acq: 29 Jan 2021 16:53

Tgt Ion:	56	Resp:	3877
Ion	Ratio	Lower	Upper
56	100		
69	198.5	26.6	39.8#
84	175.5	70.4	105.6#

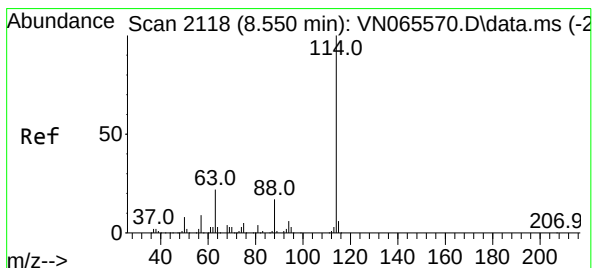
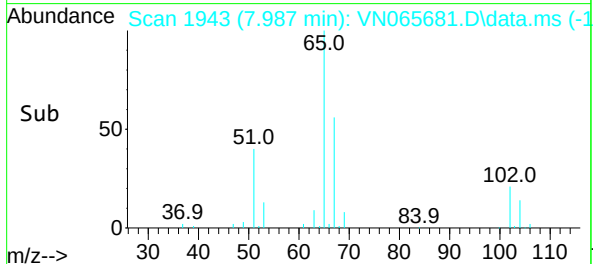
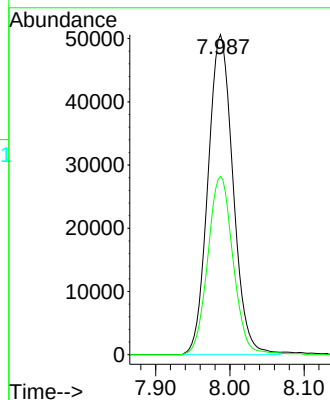
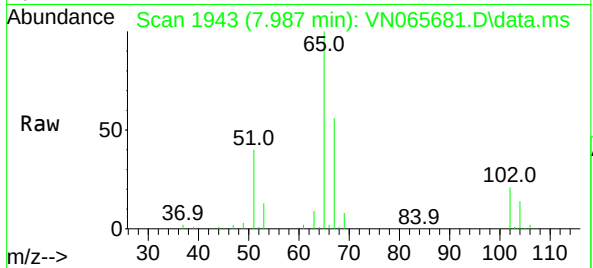




#33
1,2-Dichloroethane-d4
Concen: 46.48 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065681.D
Acq: 29 Jan 2021 16:53

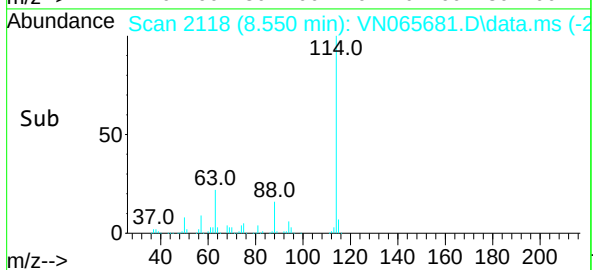
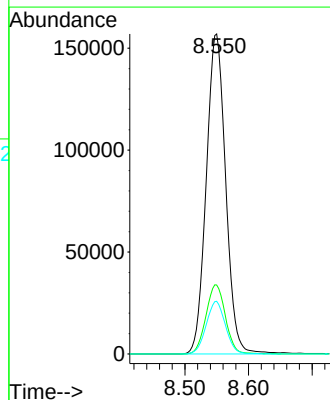
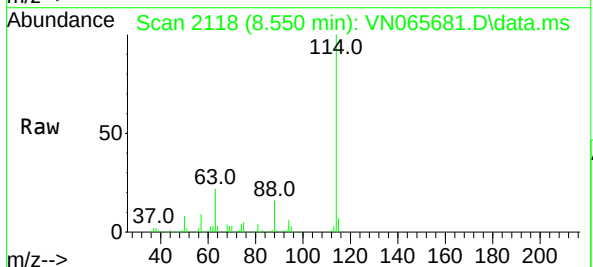
Instrument :
MSVOA_N
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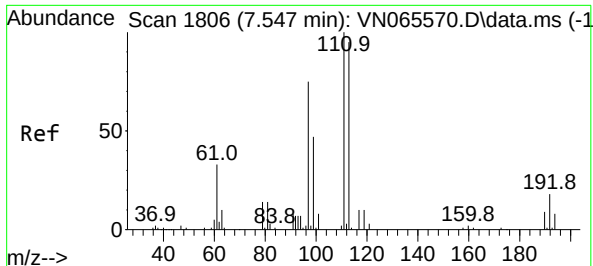
Tgt Ion: 65 Resp: 118701
Ion Ratio Lower Upper
65 100
67 56.2 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065681.D
Acq: 29 Jan 2021 16:53

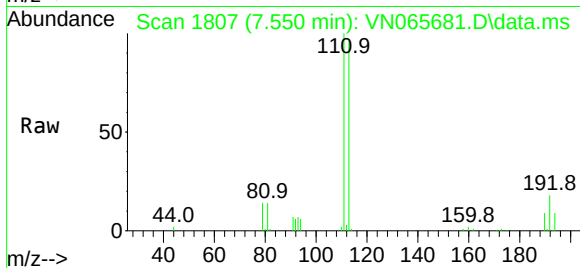
Tgt Ion: 114 Resp: 332957
Ion Ratio Lower Upper
114 100
63 21.6 0.0 38.6
88 16.5 0.0 30.6



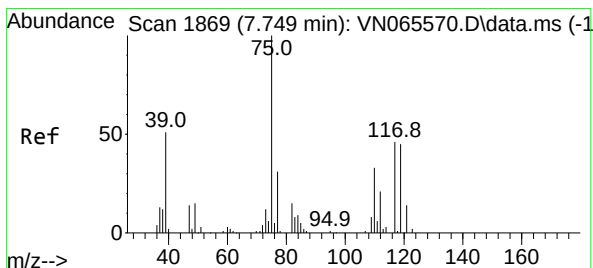
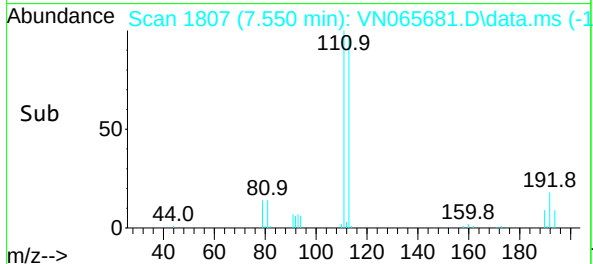
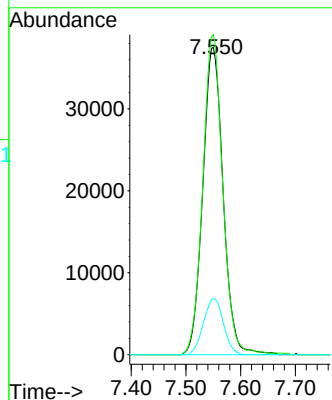


#35
Dibromofluoromethane
Concen: 49.15 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VN065681.D
Acq: 29 Jan 2021 16:53

Instrument :
MSVOA_N
ClientSampleId :
152140-MW-5S

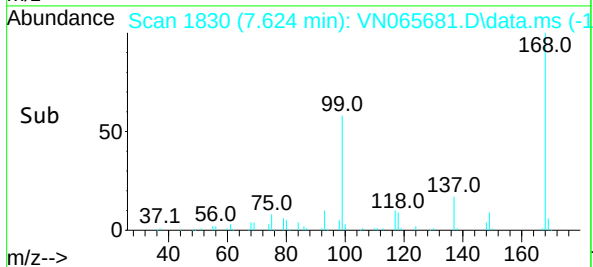
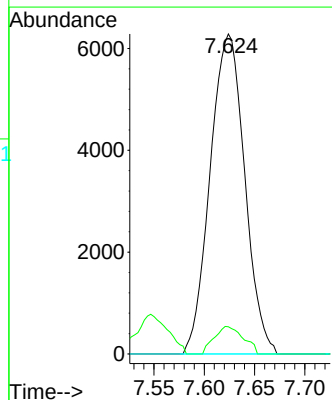
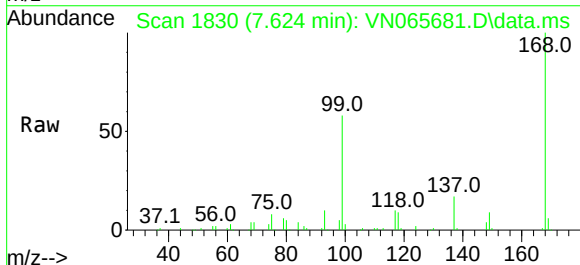


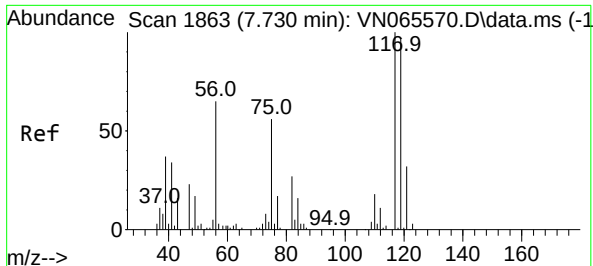
Tgt Ion:	113	Resp:	96979
Ion Ratio	Lower	Upper	
113	100		
111	101.1	82.2	123.2
192	17.9	15.4	23.0



#36
1,1-Dichloropropene
Concen: 4.48 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.125 min
Lab File: VN065681.D
Acq: 29 Jan 2021 16:53

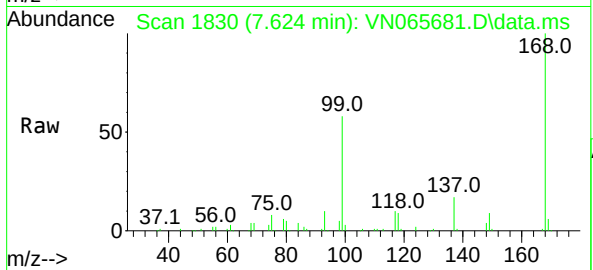
Tgt Ion:	75	Resp:	15008
Ion Ratio	Lower	Upper	
75	100		
110	7.2	18.2	54.6#
77	0.0	24.9	37.3#



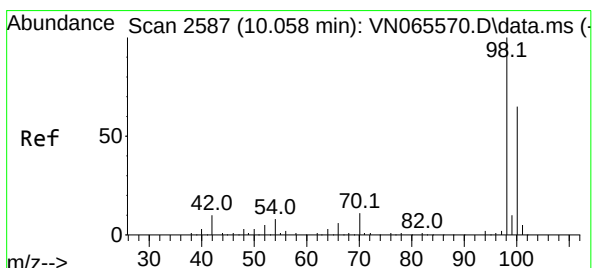
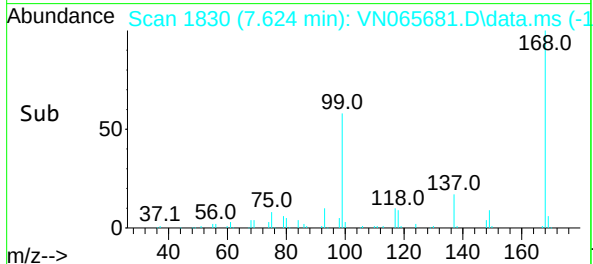
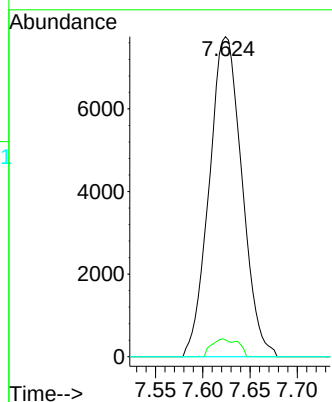


#38
Carbon Tetrachloride
Concen: 6.76 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.106 min
Lab File: VN065681.D
Acq: 29 Jan 2021 16:53

Instrument :
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ClientSampleId :
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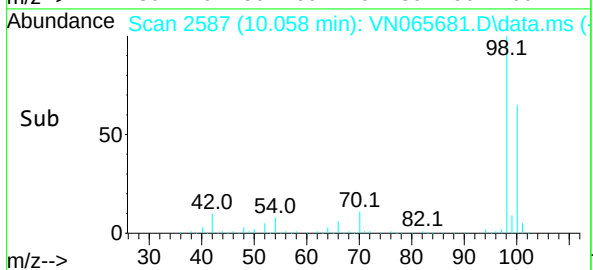
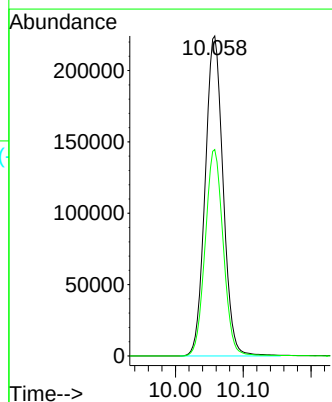
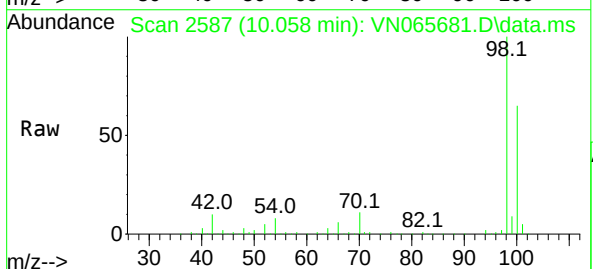


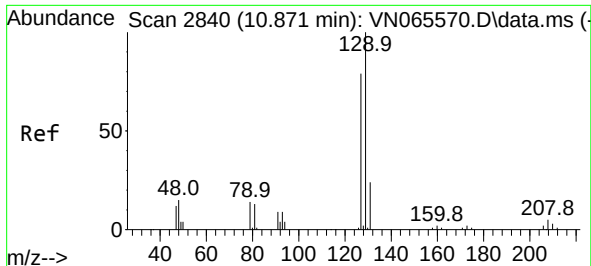
Tgt Ion:117 Resp: 18654
Ion Ratio Lower Upper
117 100
119 5.3 76.0 114.0#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 53.14 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN065681.D
Acq: 29 Jan 2021 16:53

Tgt Ion: 98 Resp: 412149
Ion Ratio Lower Upper
98 100
100 64.9 50.5 75.7

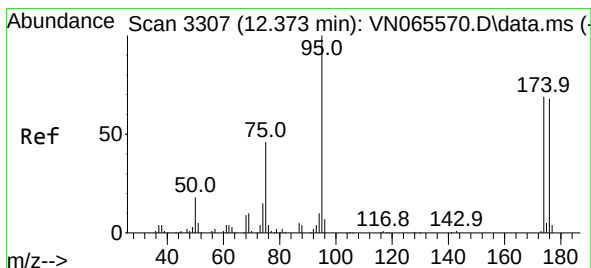
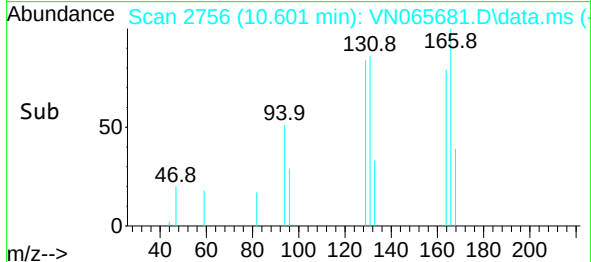
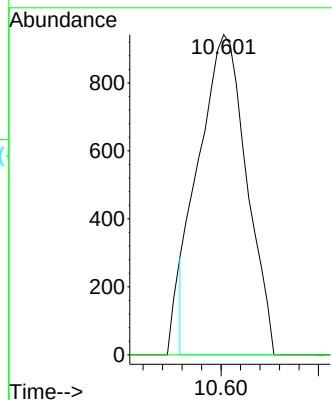
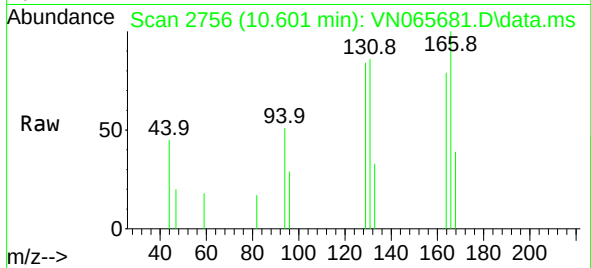




#60
Dibromochloromethane
Concen: 0.68 ug/l
RT: 10.601 min Scan# 2756
Delta R.T. -0.270 min
Lab File: VN065681.D
Acq: 29 Jan 2021 16:53

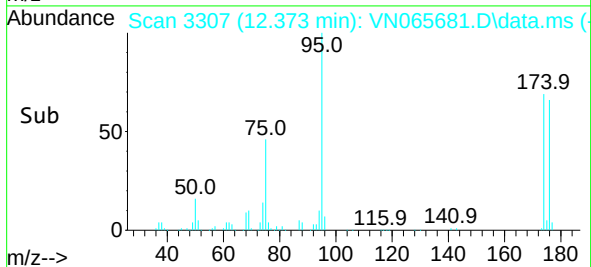
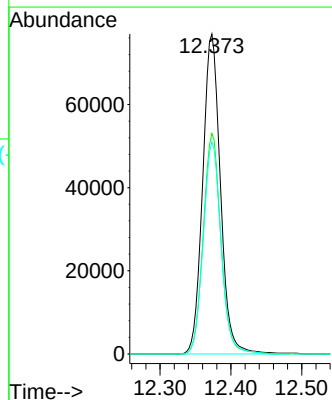
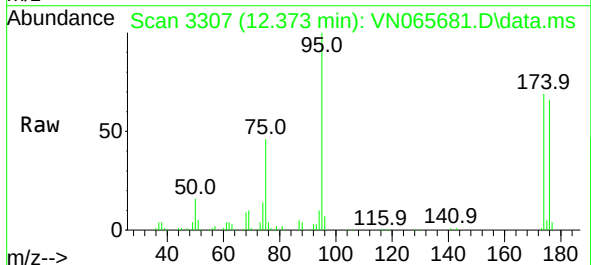
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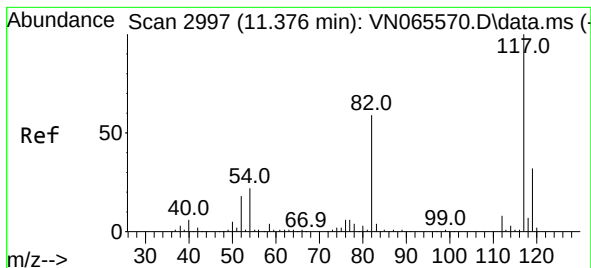
Tgt Ion:129 Resp: 1600
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 47.93 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065681.D
Acq: 29 Jan 2021 16:53

Tgt Ion: 95 Resp: 133876
Ion Ratio Lower Upper
95 100
174 68.4 0.0 169.0
176 66.6 0.0 162.4

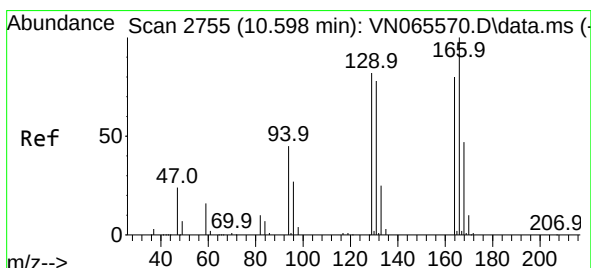
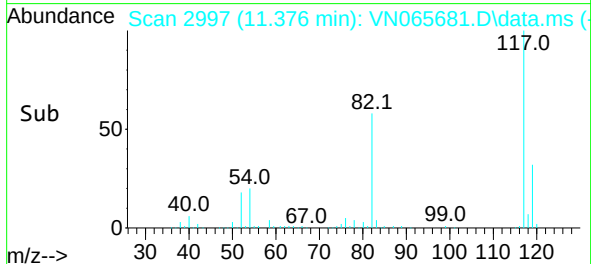
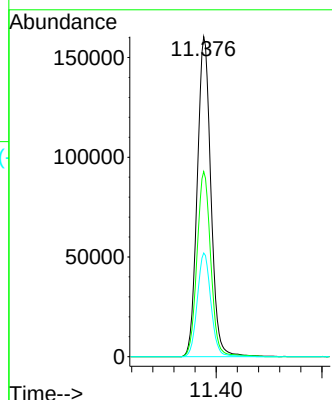
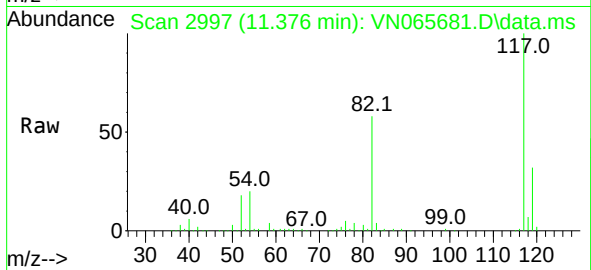




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065681.D
Acq: 29 Jan 2021 16:53

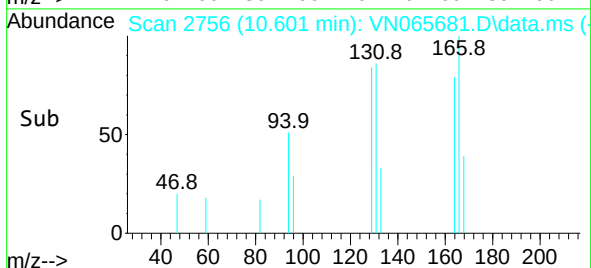
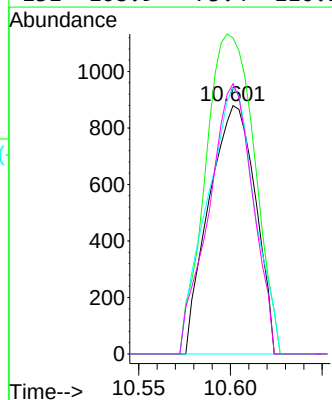
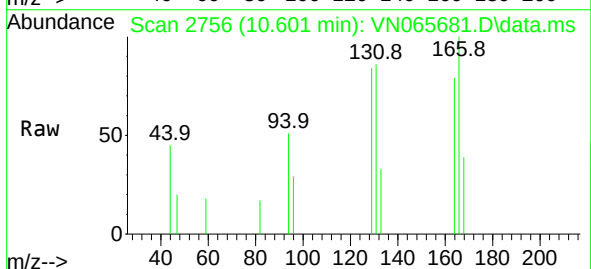
Instrument :
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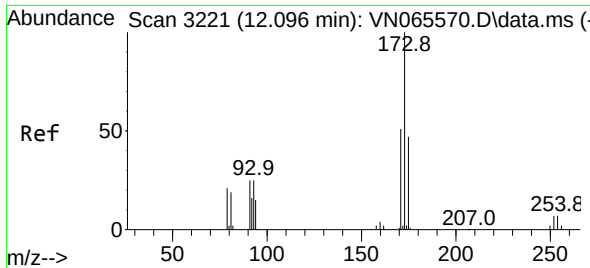
Tgt Ion:117 Resp: 286811
Ion Ratio Lower Upper
117 100
82 57.8 43.7 65.5
119 32.4 26.1 39.1



#64
Tetrachloroethene
Concen: 0.65 ug/l
RT: 10.601 min Scan# 2756
Delta R.T. 0.003 min
Lab File: VN065681.D
Acq: 29 Jan 2021 16:53

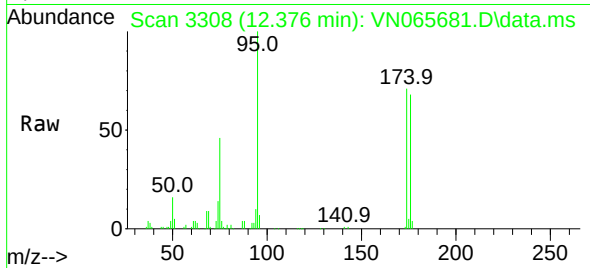
Tgt Ion:164 Resp: 1551
Ion Ratio Lower Upper
164 100
166 127.3 102.6 154.0
129 107.2 76.2 114.4
131 108.9 73.4 110.2



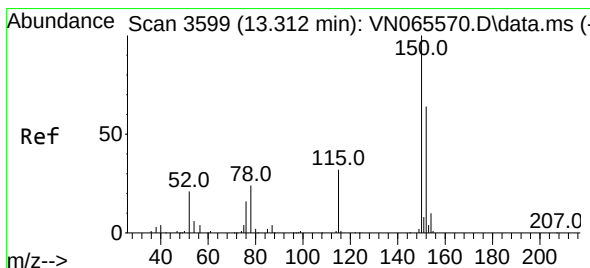
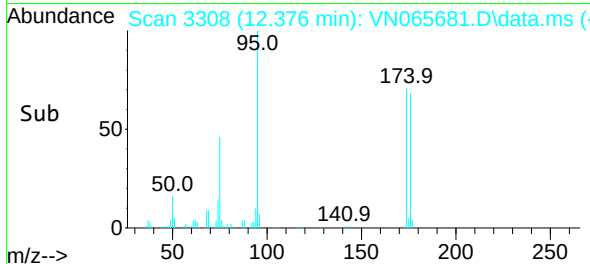
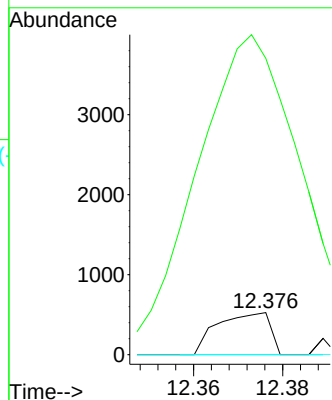


#71
Bromoform
Concen: 0.29 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.280 min
Lab File: VN065681.D
Acq: 29 Jan 2021 16:53

Instrument :
MSVOA_N
ClientSampleId :
152140-MW-5S

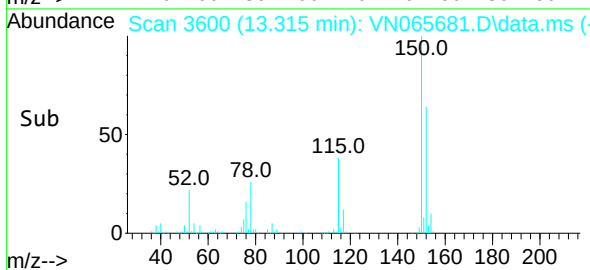
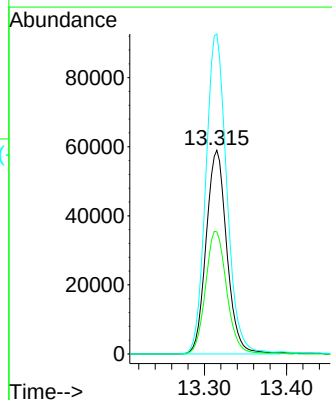
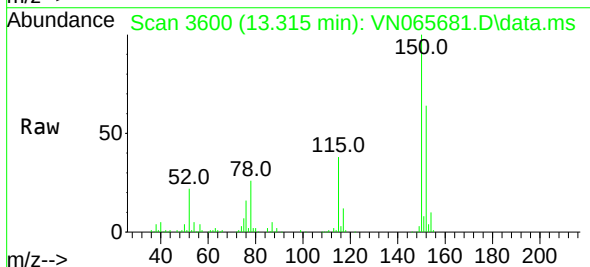


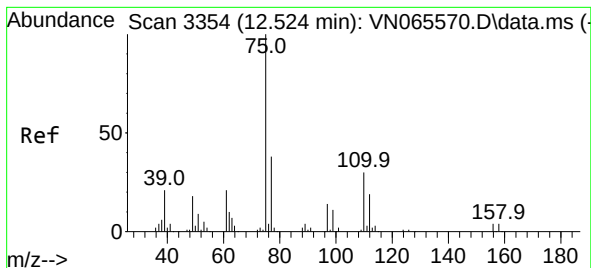
Tgt Ion:173 Resp: 431
Ion Ratio Lower Upper
173 100
175 1304.4 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065681.D
Acq: 29 Jan 2021 16:53

Tgt Ion:152 Resp: 103300
Ion Ratio Lower Upper
152 100
115 61.4 28.5 85.6
150 159.1 0.0 347.6

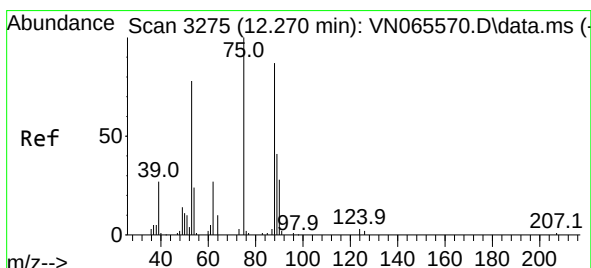
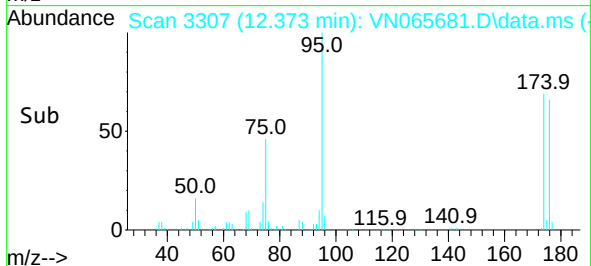
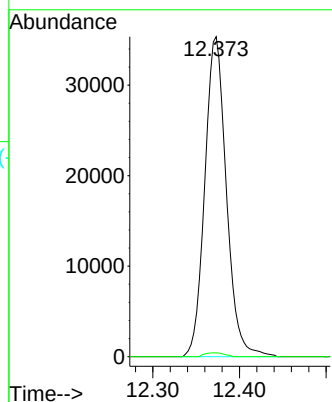
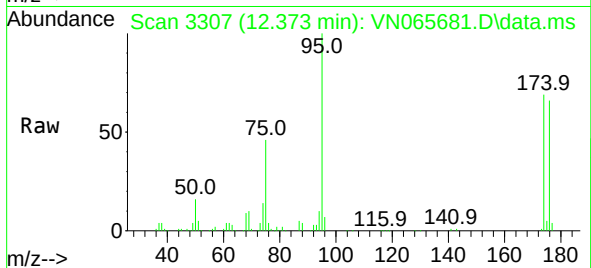




#76
1,2,3-Trichloropropane
Concen: 22.67 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065681.D
Acq: 29 Jan 2021 16:53

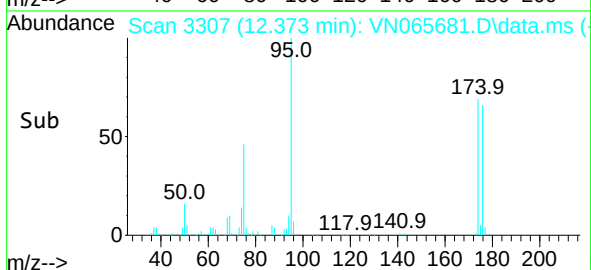
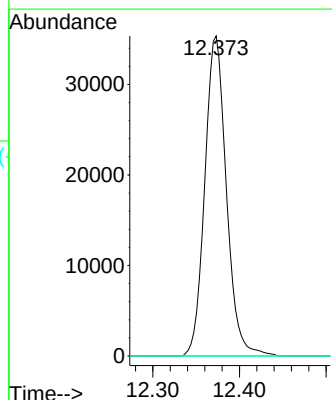
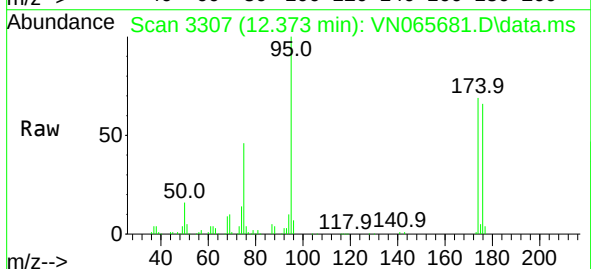
Instrument :
MSVOA_N
ClientSampleId :
152140-MW-5S

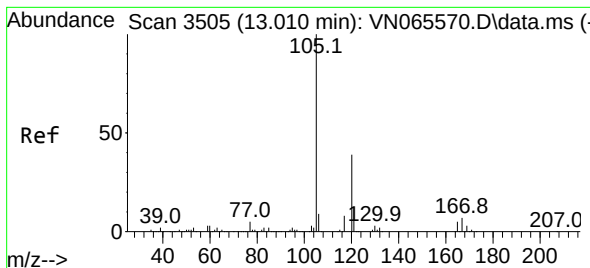
Tgt Ion: 75 Resp: 61223
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 58.05 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065681.D
Acq: 29 Jan 2021 16:53

Tgt Ion: 75 Resp: 61223
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#





#84

1,2,4-Trimethylbenzene

Concen: 0.61 ug/l

RT: 13.141 min Scan# 3546

Delta R.T. 0.131 min

Lab File: VN065681.D

Acq: 29 Jan 2021 16:53

Tgt Ion:105 Resp: 4709

Ion Ratio Lower Upper

105 100

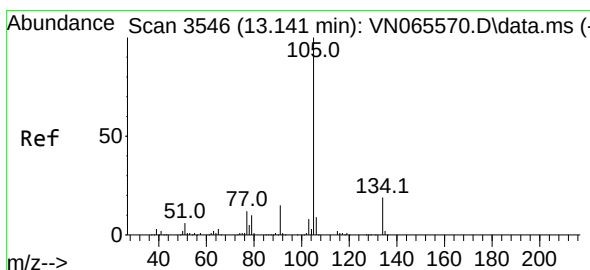
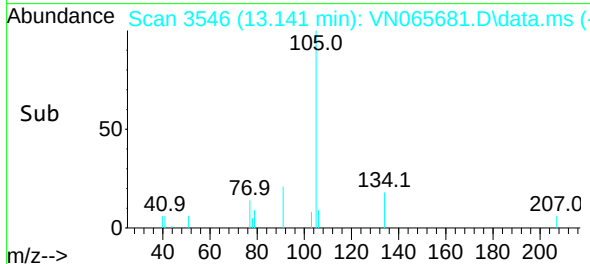
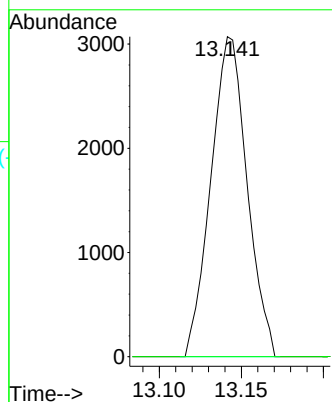
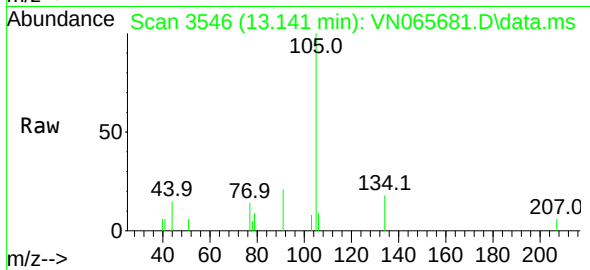
120 0.0 22.4 67.0#

Instrument :

MSVOA_N

ClientSampleId :

152140-MW-5S



#85

sec-Butylbenzene

Concen: 0.54 ug/l

RT: 13.141 min Scan# 3546

Delta R.T. 0.000 min

Lab File: VN065681.D

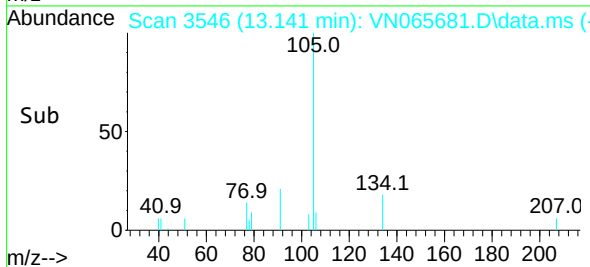
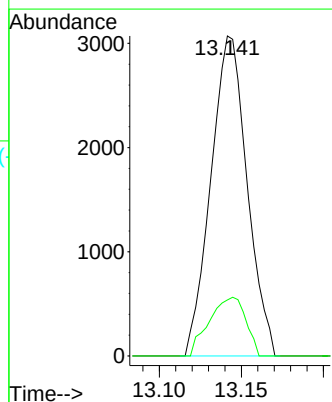
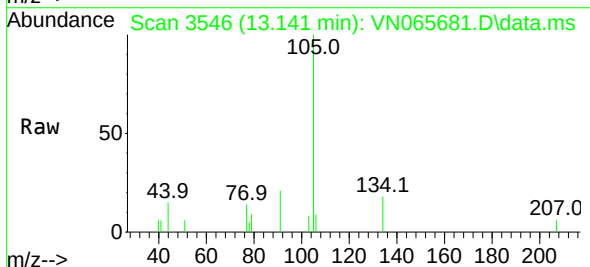
Acq: 29 Jan 2021 16:53

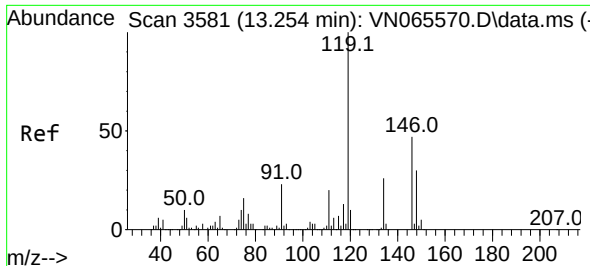
Tgt Ion:105 Resp: 4709

Ion Ratio Lower Upper

105 100

134 18.5 10.0 30.0

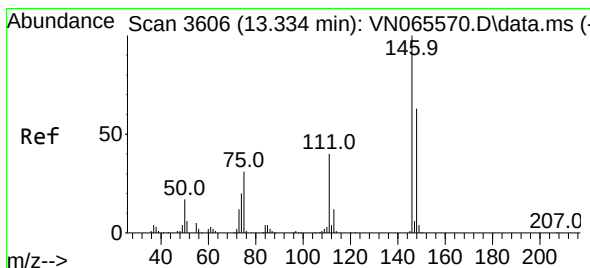
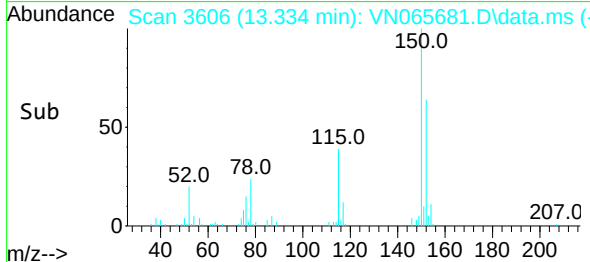
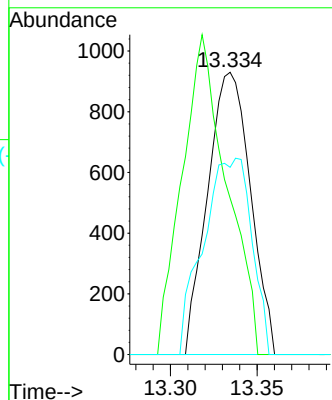
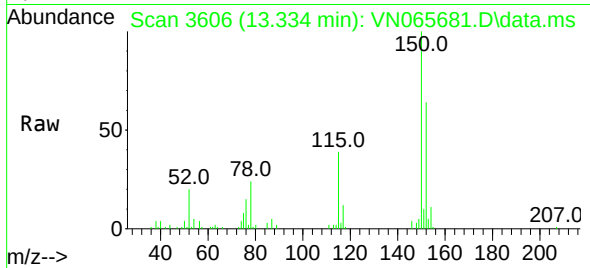




#87
 1,3-Dichlorobenzene
 Concen: 0.46 ug/l
 RT: 13.334 min Scan# 3606
 Delta R.T. 0.080 min
 Lab File: VN065681.D
 Acq: 29 Jan 2021 16:53

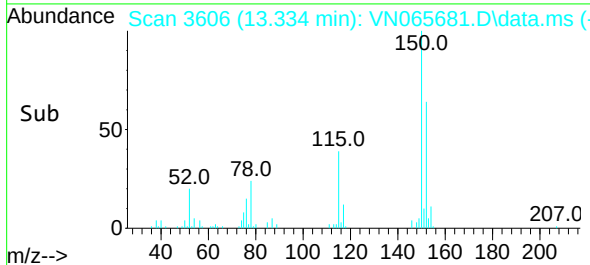
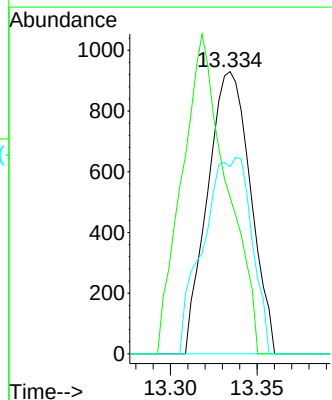
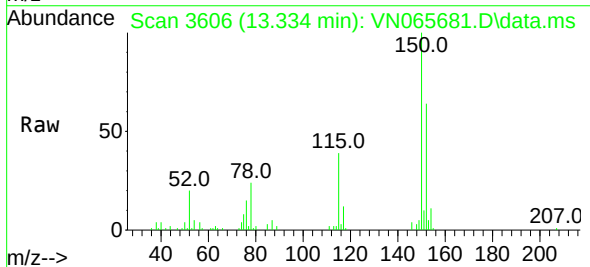
Instrument :
 MSVOA_N
 ClientSampleId :
 152140-MW-5S

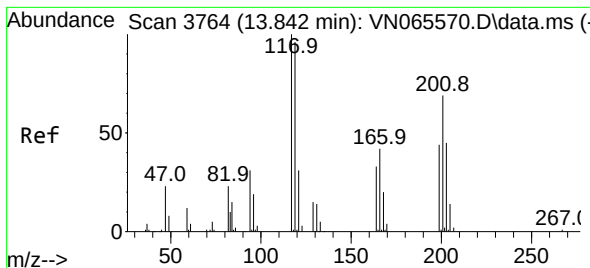
Tgt Ion:146 Resp: 1600
 Ion Ratio Lower Upper
 146 100
 111 117.7 19.5 58.5#
 148 78.7 32.3 96.9



#88
 1,4-Dichlorobenzene
 Concen: 0.45 ug/l
 RT: 13.334 min Scan# 3606
 Delta R.T. 0.000 min
 Lab File: VN065681.D
 Acq: 29 Jan 2021 16:53

Tgt Ion:146 Resp: 1600
 Ion Ratio Lower Upper
 146 100
 111 117.7 19.0 57.0#
 148 78.7 31.8 95.3

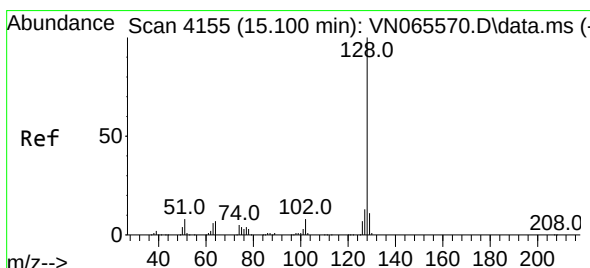
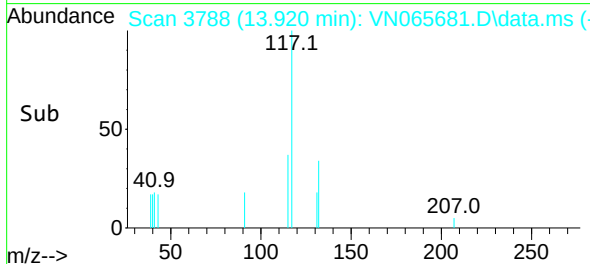
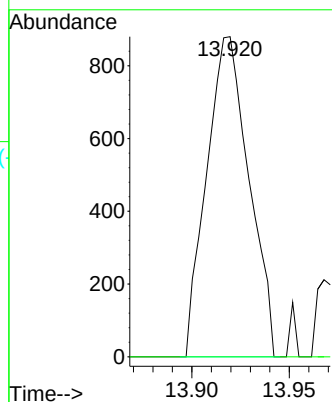
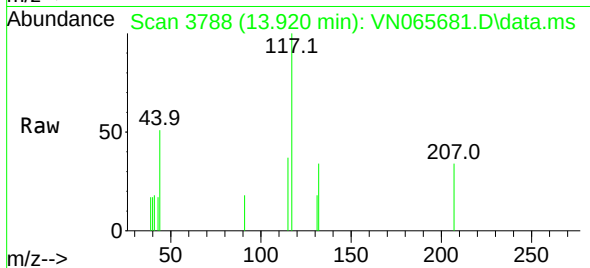




#90
Hexachloroethane
Concen: 0.99 ug/l
RT: 13.920 min Scan# 3788
Delta R.T. 0.078 min
Lab File: VN065681.D
Acq: 29 Jan 2021 16:53

Instrument :
MSVOA_N
ClientSampleId :
152140-MW-5S

Tgt Ion:117 Resp: 1329
Ion Ratio Lower Upper
117 100
201 0.0 37.8 113.3#



#95
Naphthalene
Concen: 3.46 ug/l
RT: 15.019 min Scan# 4130
Delta R.T. -0.081 min
Lab File: VN065681.D
Acq: 29 Jan 2021 16:53

Tgt Ion:128 Resp: 93
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

