

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012921\
 Data File : VN065682.D
 Acq On : 29 Jan 2021 17:17
 Operator : JC/MD
 Sample : M1288-08
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 152140-MW-5D

Quant Time: Jan 30 01:04:30 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)

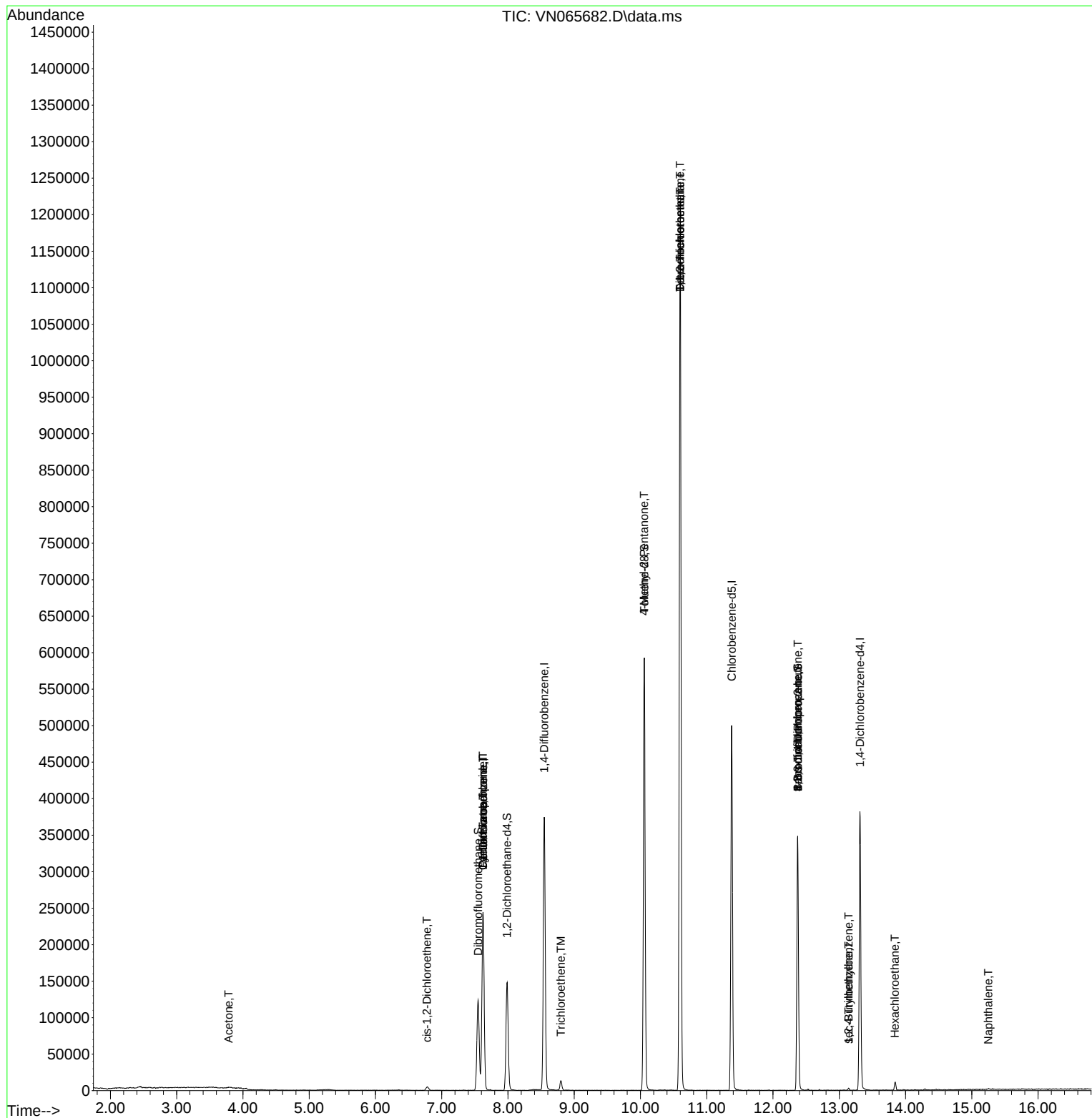
Internal Standards						
1) Pentafluorobenzene	7.624	168	200909	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	347561	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	301434	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	108759	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	124704	47.18	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.36%		
35) Dibromofluoromethane	7.550	113	100260	48.68	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.36%		
50) Toluene-d8	10.058	98	431751	53.33	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	106.66%		
62) 4-Bromofluorobenzene	12.373	95	141571	48.56	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	97.12%		
Target Compounds						
					Qvalue	
16) Acetone	3.782	43	800	0.78	ug/l #	85
27) cis-1,2-Dichloroethene	6.778	96	3444	1.16	ug/l	93
31) Cyclohexane	7.621	56	3836	0.77	ug/l #	1
36) 1,1-Dichloropropene	7.621	75	15822	4.52	ug/l #	46
38) Carbon Tetrachloride	7.621	117	19198	6.67	ug/l #	17
44) Trichloroethene	8.798	130	5379	2.08	ug/l	92
51) 4-Methyl-2-Pentanone	10.055	43	2082	0.63	ug/l #	1
55) 1,1,2-Trichloroethane	10.598	97	2256	0.93	ug/l #	1
60) Dibromochloromethane	10.598	129	288942	117.15	ug/l #	11
64) Tetrachloroethene	10.598	164	291571	115.42	ug/l	96
71) Bromoform	12.373	173	605	0.39	ug/l #	1
76) 1,2,3-Trichloropropane	12.373	75	65016	22.86	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	65016	58.56	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.142	105	2386	0.30	ug/l #	31
85) sec-Butylbenzene	13.142	105	2386	0.26	ug/l	92
90) Hexachloroethane	13.839	117	2097	1.49	ug/l	94
95) Naphthalene	15.251	128	101	3.47	ug/l #	69

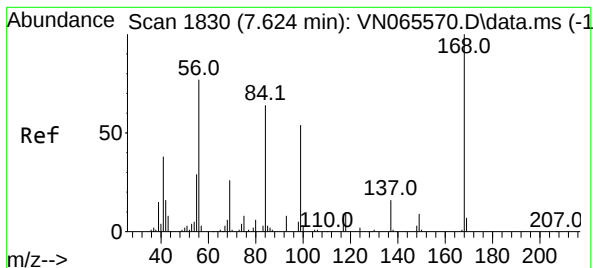
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN065682.D

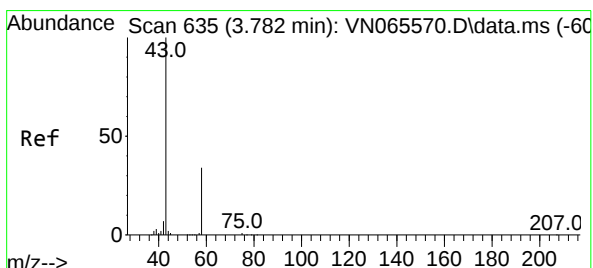
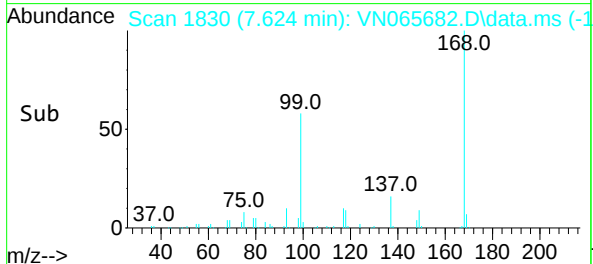
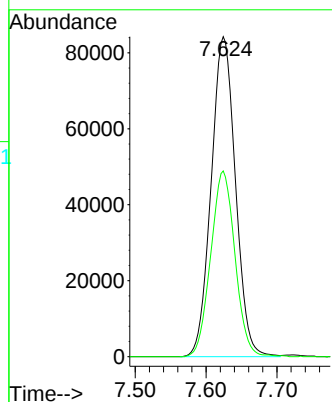
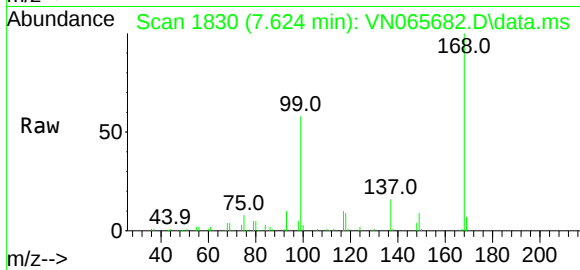
Acq: 29 Jan 2021 17:17

Tgt Ion:168 Resp: 200909

Ion Ratio Lower Upper

168 100

99 58.1 42.6 63.8



#16

Acetone

Concen: 0.78 ug/l

RT: 3.782 min Scan# 635

Delta R.T. -0.000 min

Lab File: VN065682.D

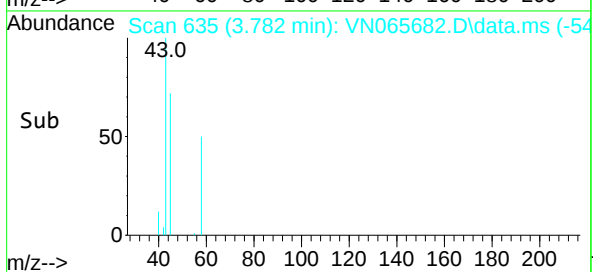
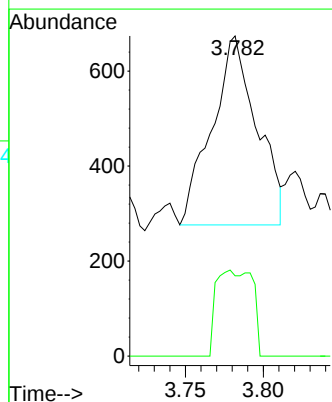
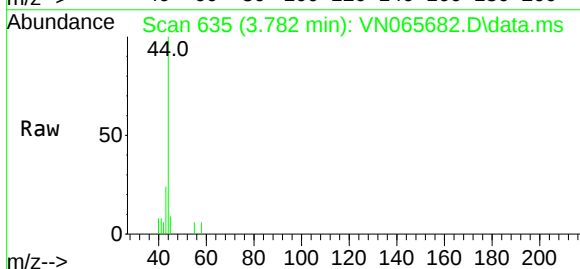
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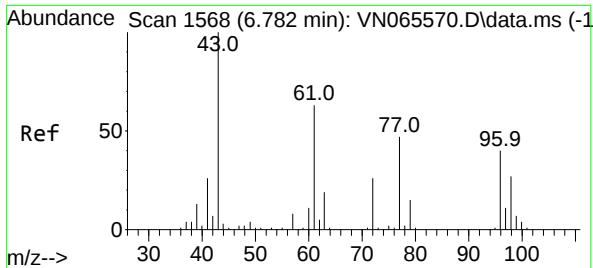
Tgt Ion: 43 Resp: 800

Ion Ratio Lower Upper

43 100

58 42.5 27.0 40.6#

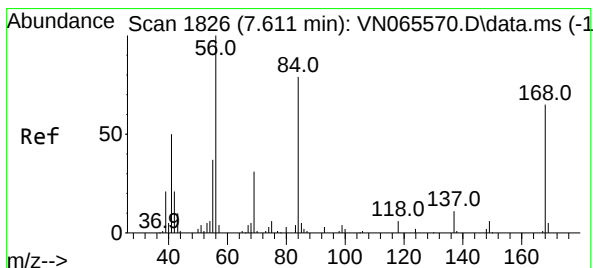
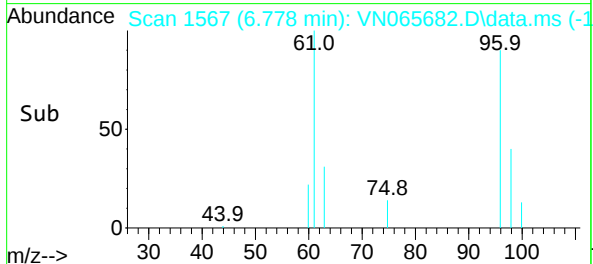
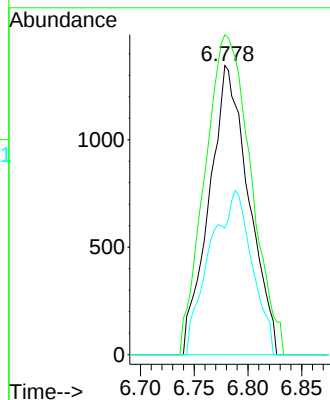
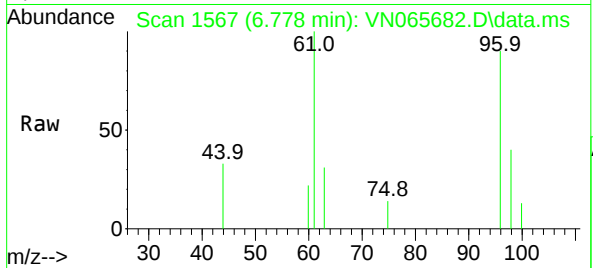




#27
 cis-1,2-Dichloroethene
 Concen: 1.16 ug/l
 RT: 6.778 min Scan# 1567
 Delta R.T. -0.004 min
 Lab File: VN065682.D
 Acq: 29 Jan 2021 17:17

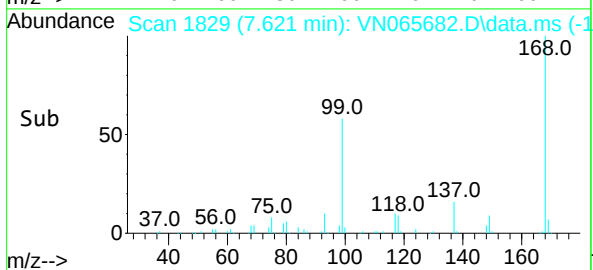
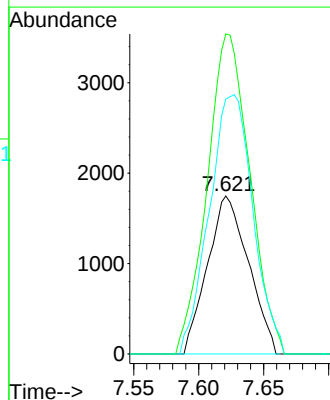
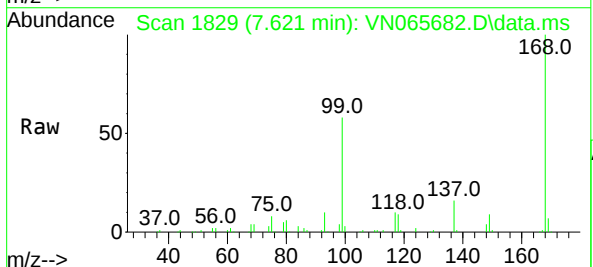
Instrument :
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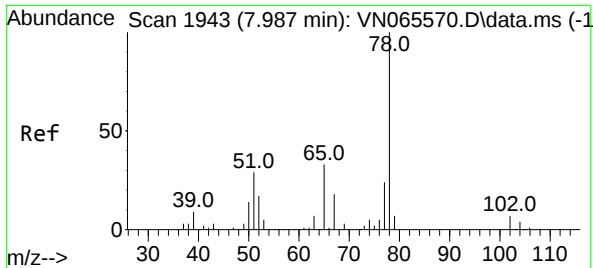
Tgt Ion:	96	Resp:	3444
Ion	Ratio	Lower	Upper
96	100		
61	128.5	0.0	276.8
98	60.5	0.0	129.4



#31
 Cyclohexane
 Concen: 0.77 ug/l
 RT: 7.621 min Scan# 1829
 Delta R.T. 0.010 min
 Lab File: VN065682.D
 Acq: 29 Jan 2021 17:17

Tgt Ion:	56	Resp:	3836
Ion	Ratio	Lower	Upper
56	100		
69	193.5	26.6	39.8#
84	161.4	70.4	105.6#

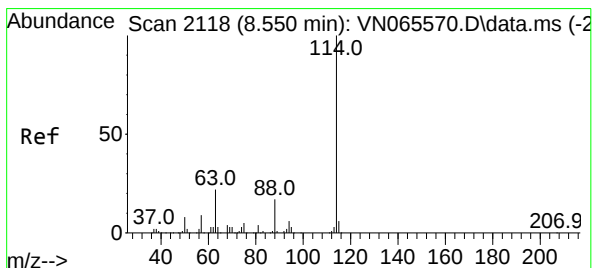
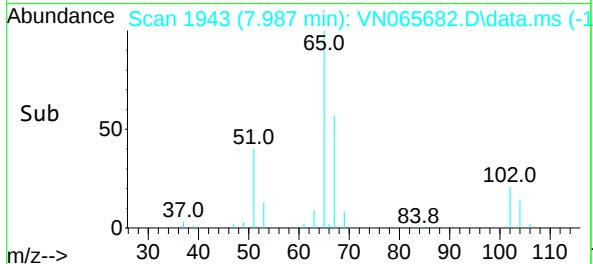
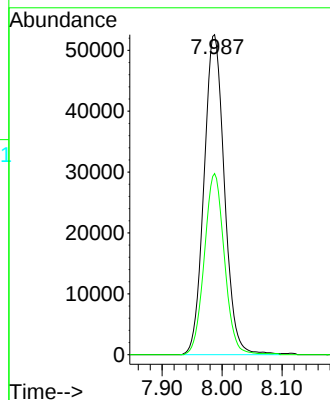
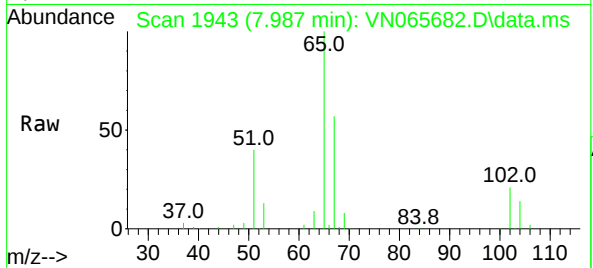




#33
1,2-Dichloroethane-d4
Concen: 47.18 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065682.D
Acq: 29 Jan 2021 17:17

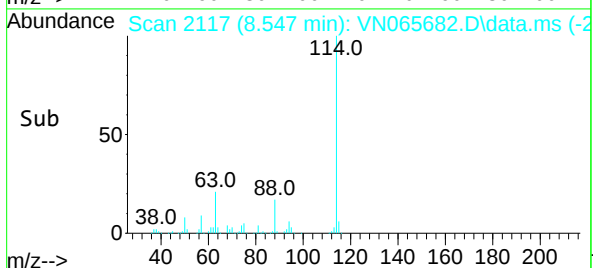
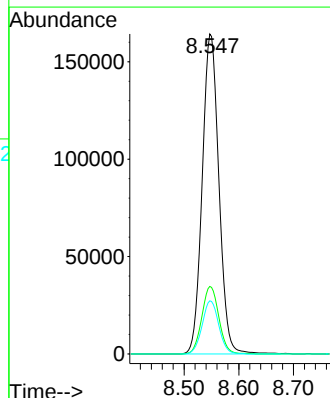
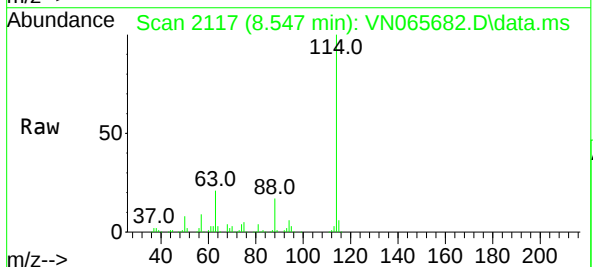
Instrument :
MSVOA_N
ClientSampleId :
152140-MW-5D

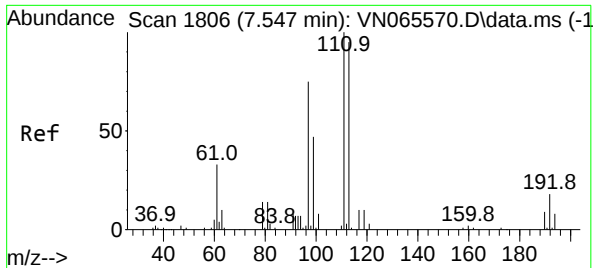
Tgt Ion: 65 Resp: 124704
Ion Ratio Lower Upper
65 100
67 55.6 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VN065682.D
Acq: 29 Jan 2021 17:17

Tgt Ion: 114 Resp: 347561
Ion Ratio Lower Upper
114 100
63 21.1 0.0 38.6
88 16.6 0.0 30.6

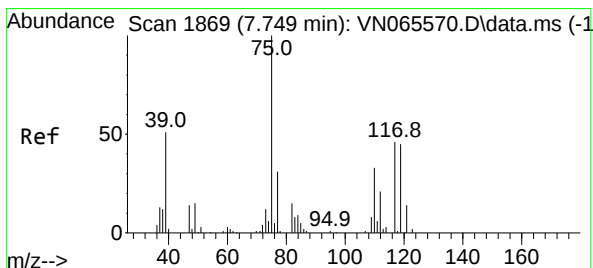
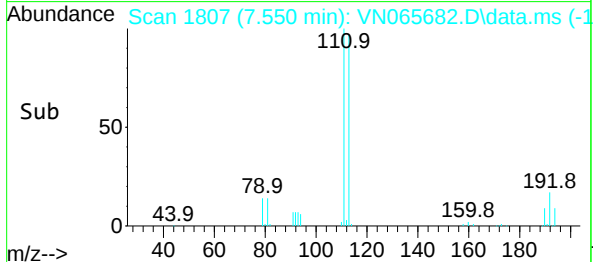
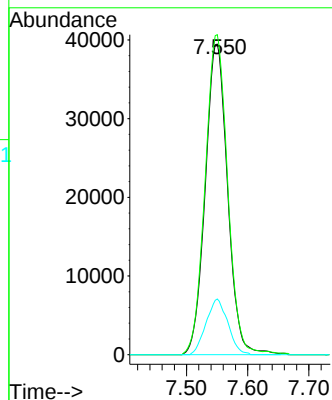
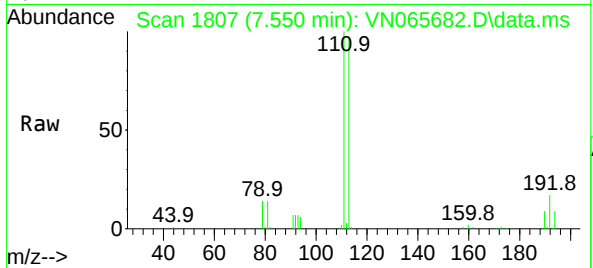




#35
Dibromofluoromethane
Concen: 48.68 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VN065682.D
Acq: 29 Jan 2021 17:17

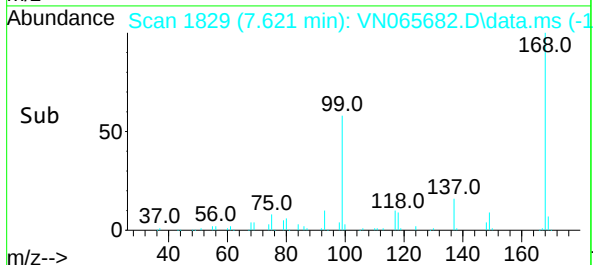
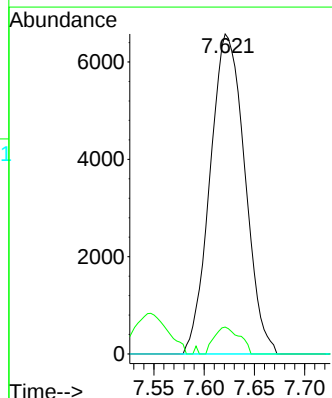
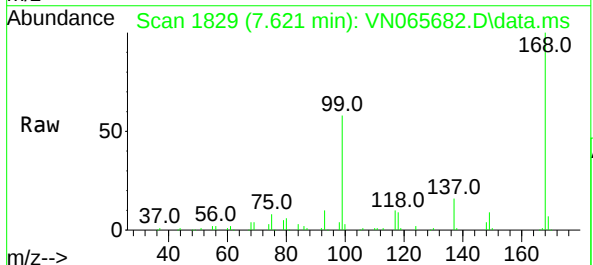
Instrument :
MSVOA_N
ClientSampleId :
152140-MW-5D

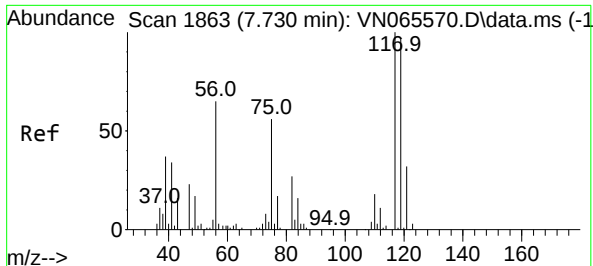
Tgt Ion:113 Resp: 100260
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.2
192 17.5 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.52 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.128 min
Lab File: VN065682.D
Acq: 29 Jan 2021 17:17

Tgt Ion: 75 Resp: 15822
Ion Ratio Lower Upper
75 100
110 6.1 18.2 54.6#
77 0.0 24.9 37.3#

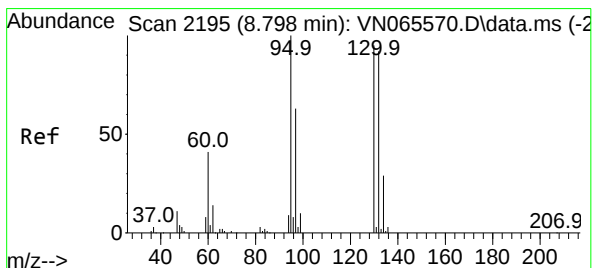
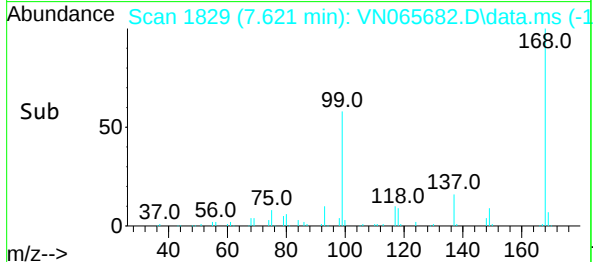
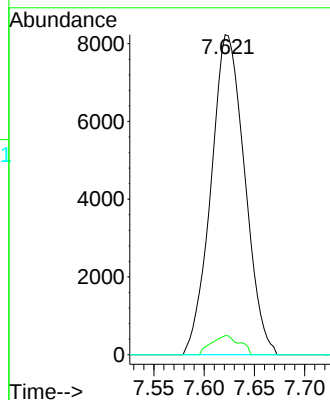
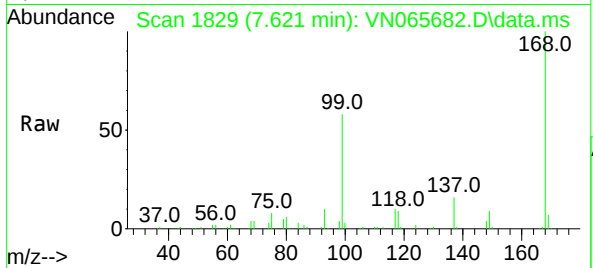




#38
Carbon Tetrachloride
Concen: 6.67 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.109 min
Lab File: VN065682.D
Acq: 29 Jan 2021 17:17

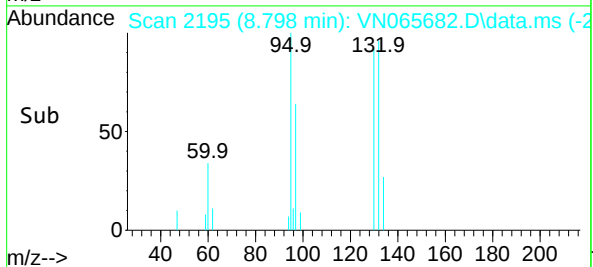
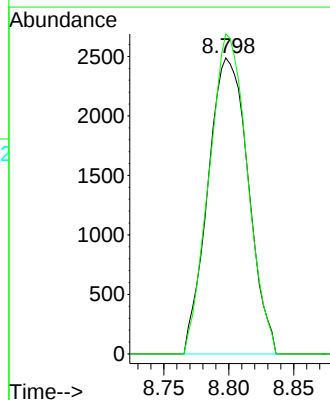
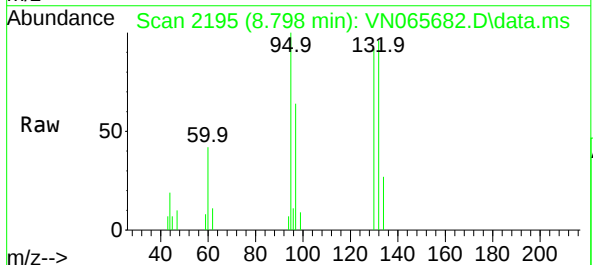
Instrument :
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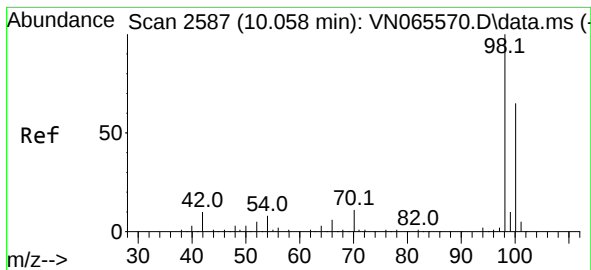
Tgt Ion:117 Resp: 19198
Ion Ratio Lower Upper
117 100
119 5.9 76.0 114.0#
121 0.0 24.5 36.7#



#44
Trichloroethene
Concen: 2.08 ug/l
RT: 8.798 min Scan# 2195
Delta R.T. -0.000 min
Lab File: VN065682.D
Acq: 29 Jan 2021 17:17

Tgt Ion:130 Resp: 5379
Ion Ratio Lower Upper
130 100
95 108.1 0.0 199.6

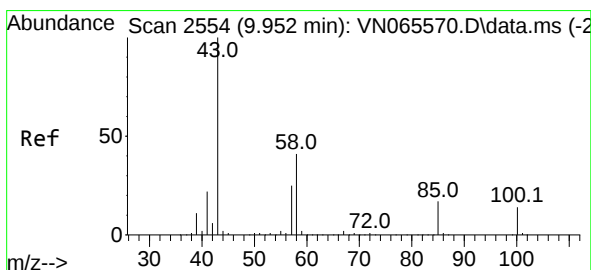
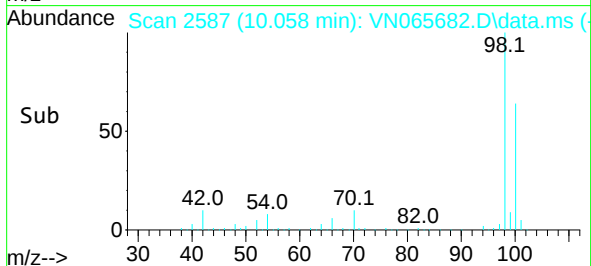
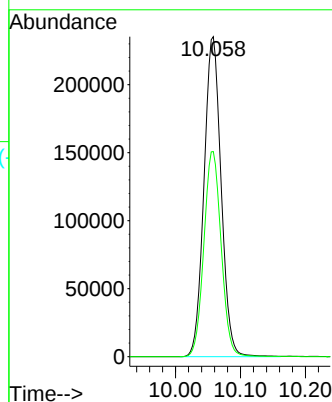
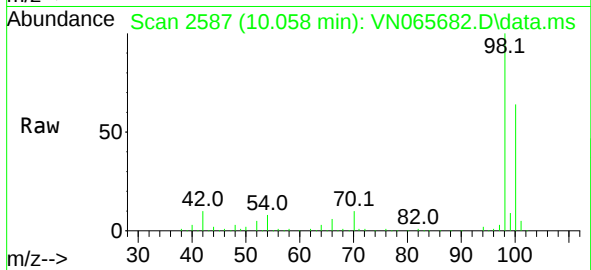




#50
Toluene-d8
Concen: 53.33 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065682.D
Acq: 29 Jan 2021 17:17

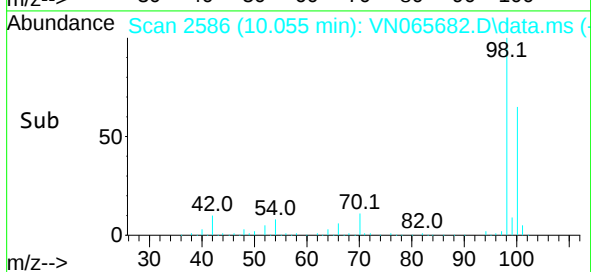
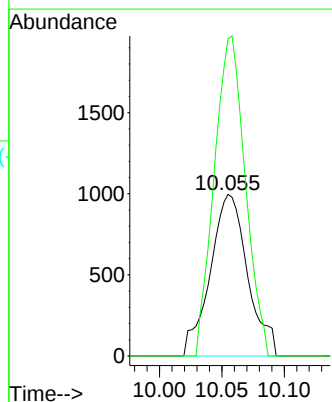
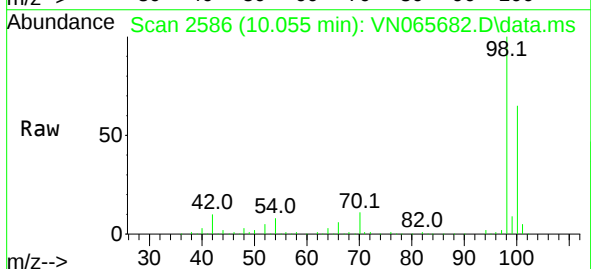
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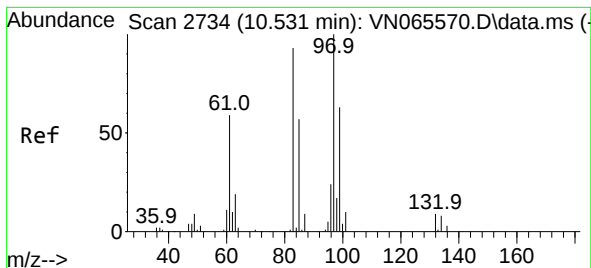
Tgt Ion: 98 Resp: 431751
Ion Ratio Lower Upper
98 100
100 64.8 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 0.63 ug/l
RT: 10.055 min Scan# 2586
Delta R.T. 0.103 min
Lab File: VN065682.D
Acq: 29 Jan 2021 17:17

Tgt Ion: 43 Resp: 2082
Ion Ratio Lower Upper
43 100
58 164.3 32.5 48.7#

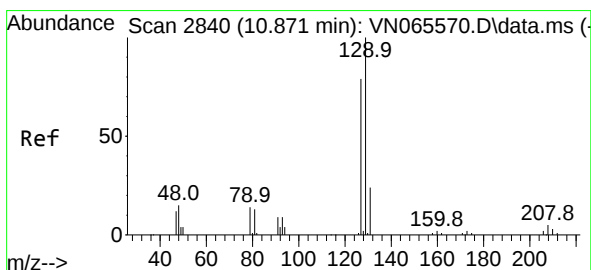
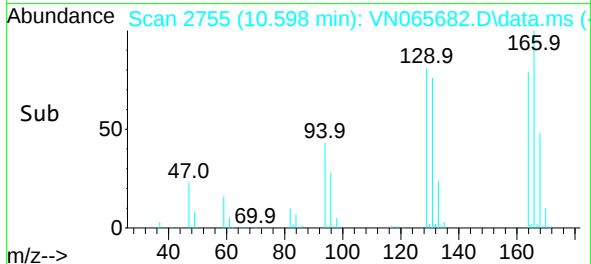
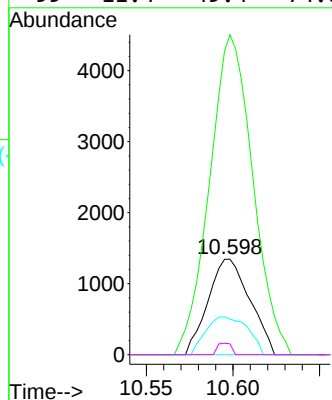
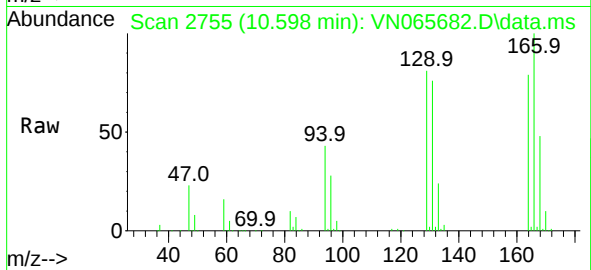




#55
1,1,2-Trichloroethane
Concen: 0.93 ug/l
RT: 10.598 min Scan# 2755
Delta R.T. 0.067 min
Lab File: VN065682.D
Acq: 29 Jan 2021 17:17

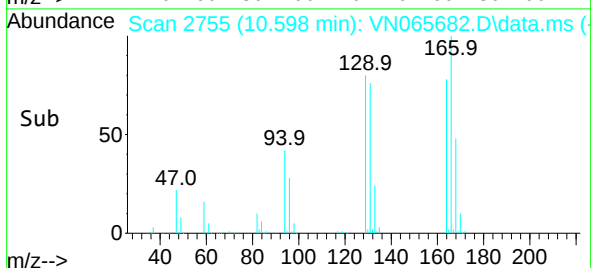
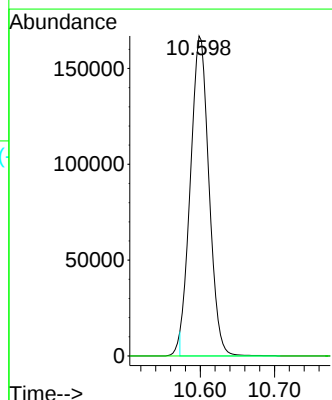
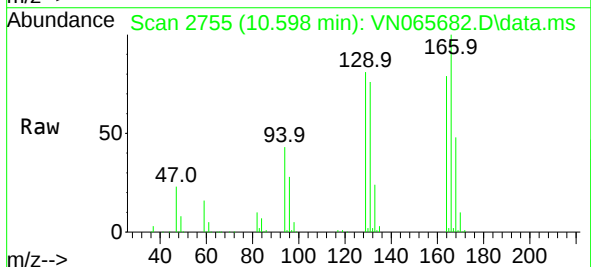
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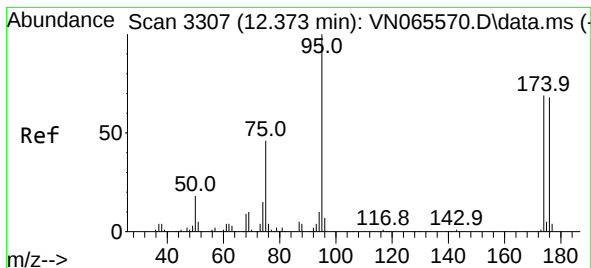
Tgt Ion: 97	Resp: 2256
Ion Ratio	Lower Upper
97 100	
83 321.5	67.7 101.5#
85 37.3	44.5 66.7#
99 11.4	49.4 74.0#



#60
Dibromochloromethane
Concen: 117.15 ug/l
RT: 10.598 min Scan# 2755
Delta R.T. -0.273 min
Lab File: VN065682.D
Acq: 29 Jan 2021 17:17

Tgt Ion: 129	Resp: 288942
Ion Ratio	Lower Upper
129 100	
127 0.0	38.5 115.5#

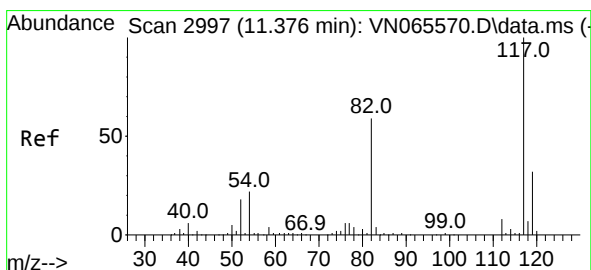
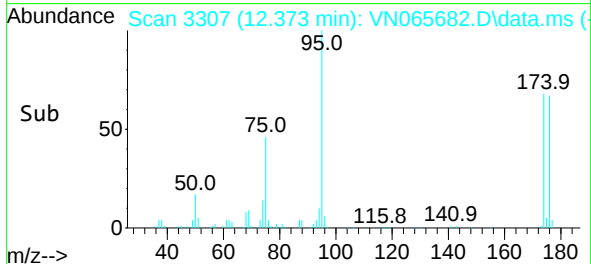
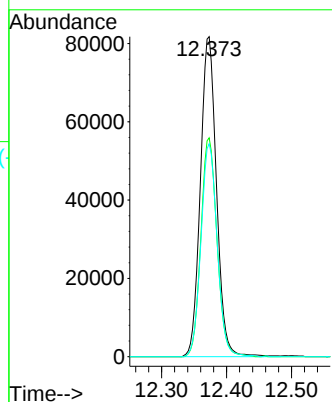
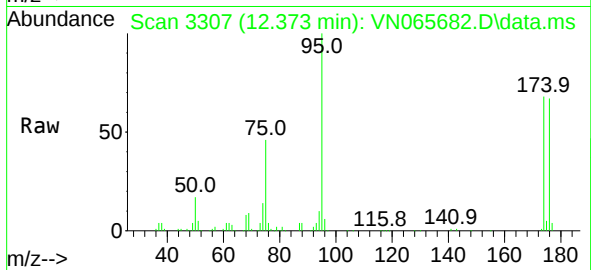




#62
4-Bromofluorobenzene
Concen: 48.56 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065682.D
Acq: 29 Jan 2021 17:17

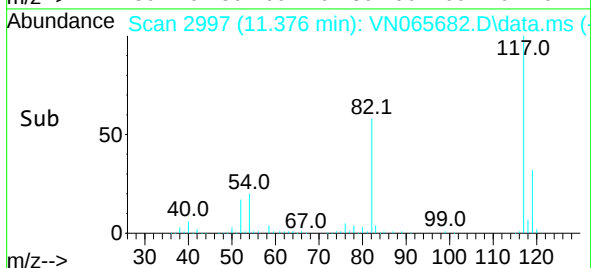
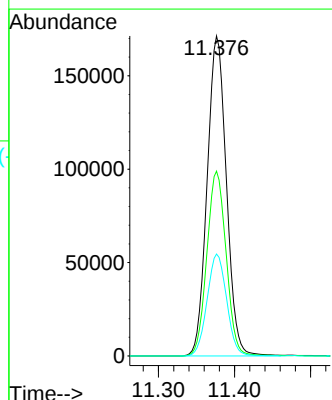
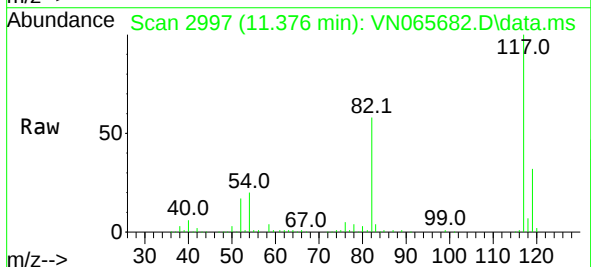
Instrument :
MSVOA_N
ClientSampleId :
152140-MW-5D

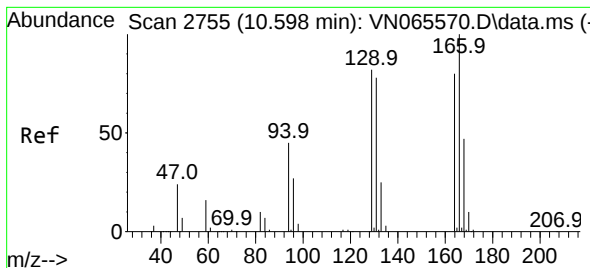
Tgt Ion: 95 Resp: 141571
Ion Ratio Lower Upper
95 100
174 68.1 0.0 169.0
176 66.7 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065682.D
Acq: 29 Jan 2021 17:17

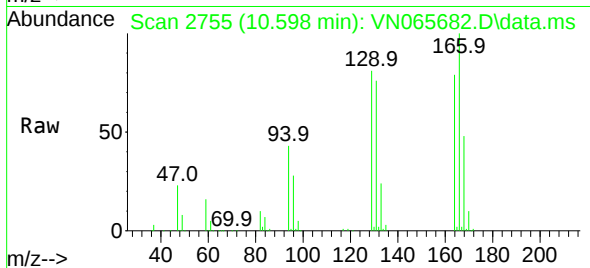
Tgt Ion: 117 Resp: 301434
Ion Ratio Lower Upper
117 100
82 57.8 43.7 65.5
119 31.9 26.1 39.1



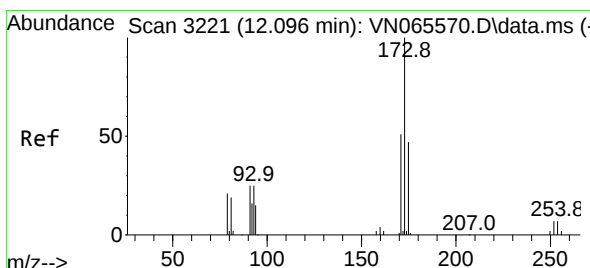
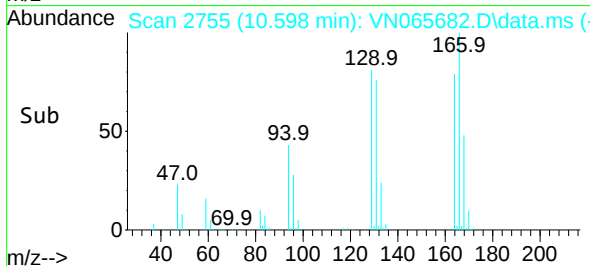
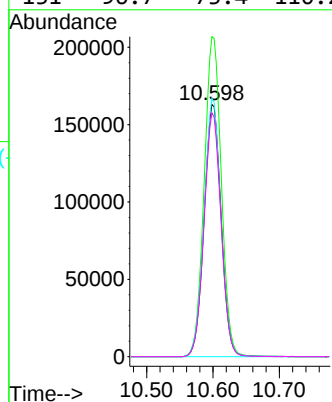


#64
Tetrachloroethene
Concen: 115.42 ug/l
RT: 10.598 min Scan# 2755
Delta R.T. 0.000 min
Lab File: VN065682.D
Acq: 29 Jan 2021 17:17

Instrument :
MSVOA_N
ClientSampleId :
152140-MW-5D

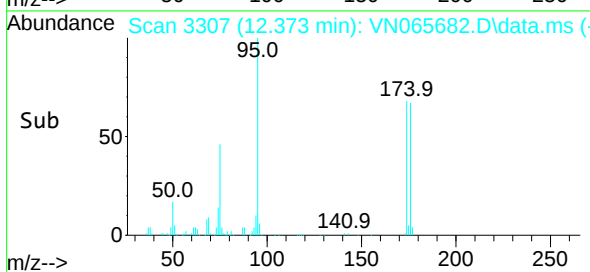
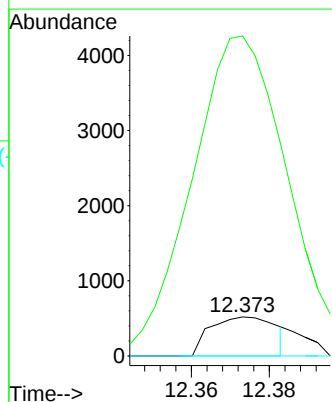
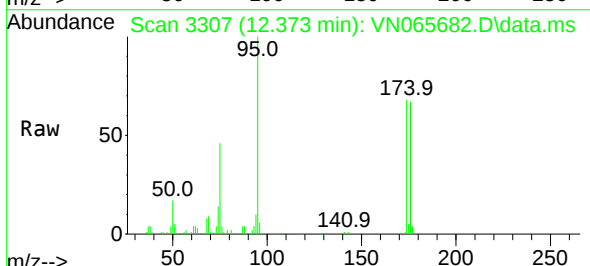


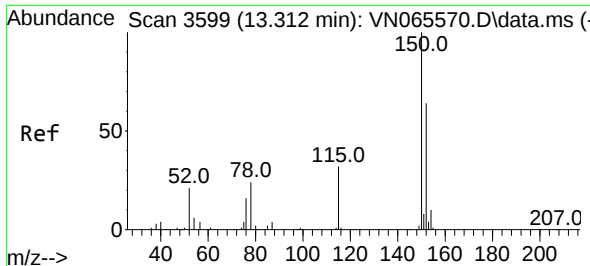
Tgt Ion:164 Resp: 291571
Ion Ratio Lower Upper
164 100
166 126.9 102.6 154.0
129 102.4 76.2 114.4
131 96.7 73.4 110.2



#71
Bromoform
Concen: 0.39 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.277 min
Lab File: VN065682.D
Acq: 29 Jan 2021 17:17

Tgt Ion:173 Resp: 605
Ion Ratio Lower Upper
173 100
175 1022.8 23.8 71.2#
254 0.0 0.0 0.0

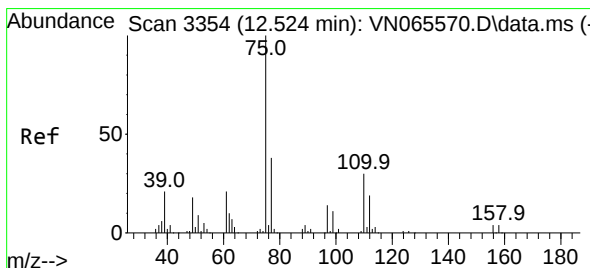
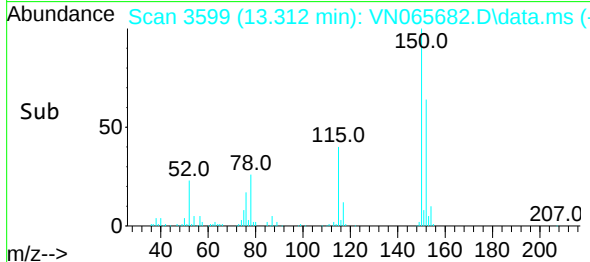
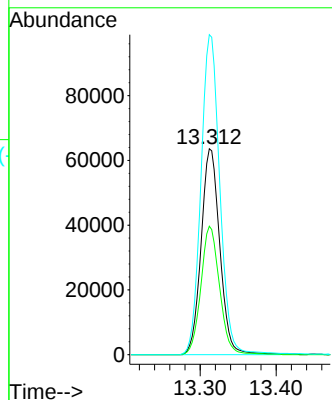
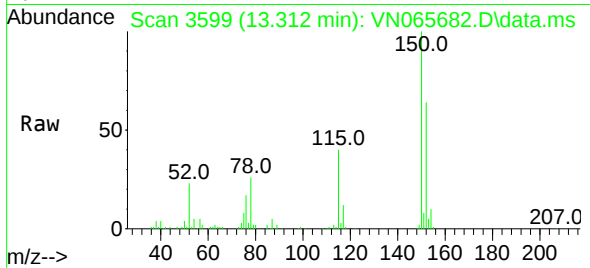




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.312 min Scan# 3599
Delta R.T. -0.000 min
Lab File: VN065682.D
Acq: 29 Jan 2021 17:17

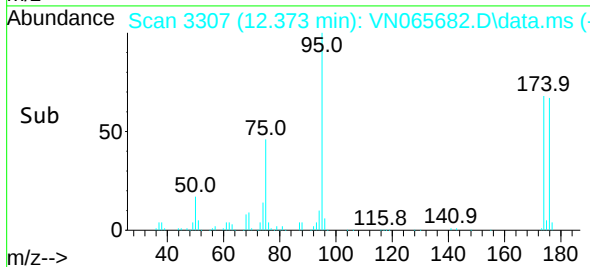
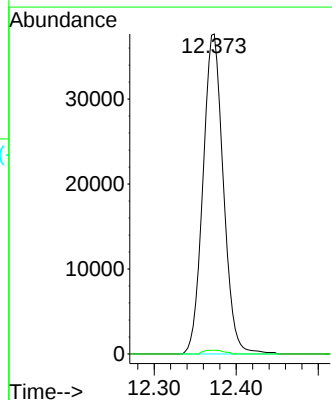
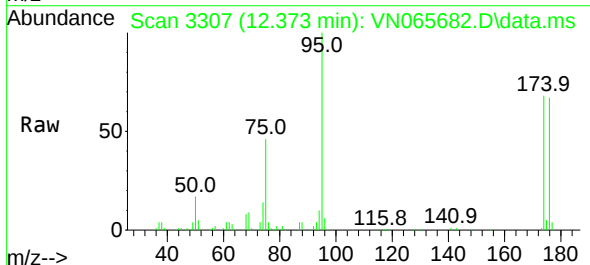
Instrument :
MSVOA_N
ClientSampleId :
152140-MW-5D

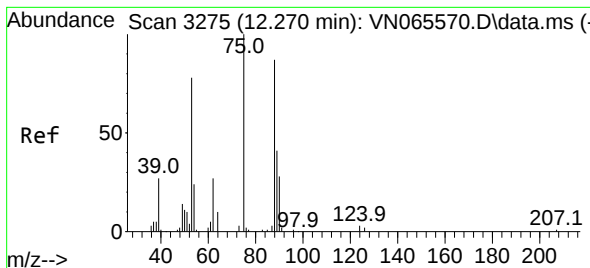
Tgt Ion:152 Resp: 108759
Ion Ratio Lower Upper
152 100
115 62.2 28.5 85.6
150 157.4 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 22.86 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065682.D
Acq: 29 Jan 2021 17:17

Tgt Ion: 75 Resp: 65016
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#

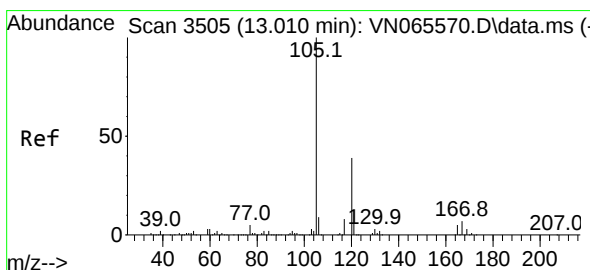
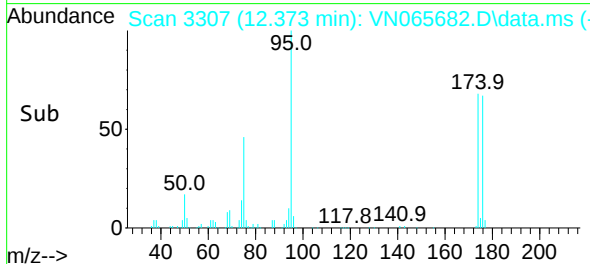
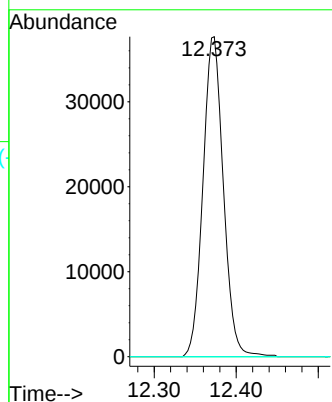
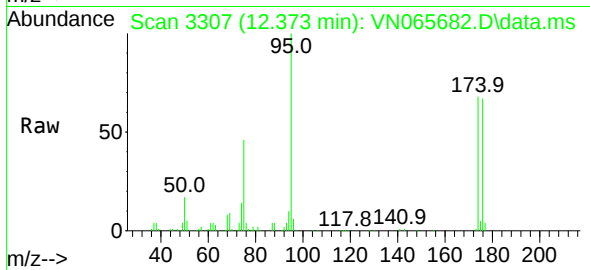




#81
trans-1,4-Dichloro-2-butene
Concen: 58.56 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065682.D
Acq: 29 Jan 2021 17:17

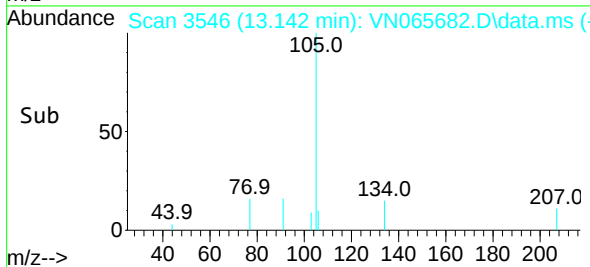
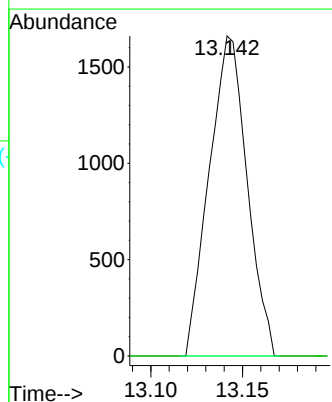
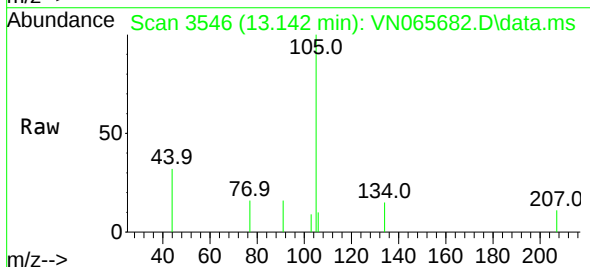
Instrument :
MSVOA_N
ClientSampleId :
152140-MW-5D

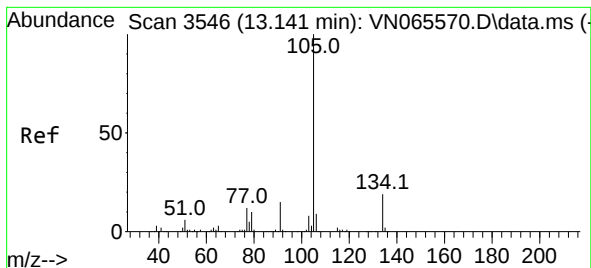
Tgt Ion: 75 Resp: 65016
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#



#84
1,2,4-Trimethylbenzene
Concen: 0.30 ug/l
RT: 13.142 min Scan# 3546
Delta R.T. 0.132 min
Lab File: VN065682.D
Acq: 29 Jan 2021 17:17

Tgt Ion: 105 Resp: 2386
Ion Ratio Lower Upper
105 100
120 0.0 22.4 67.0#

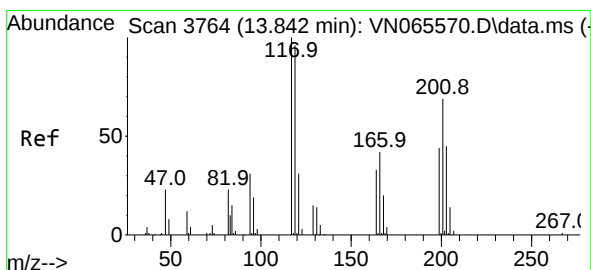
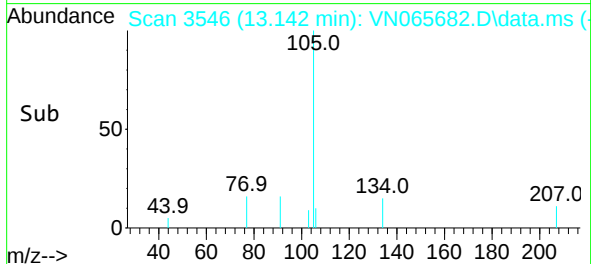
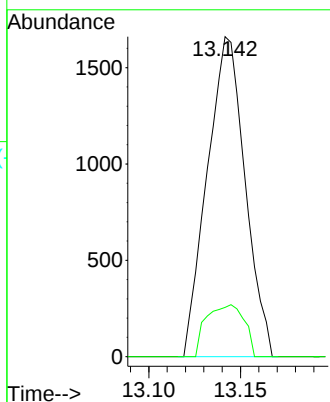
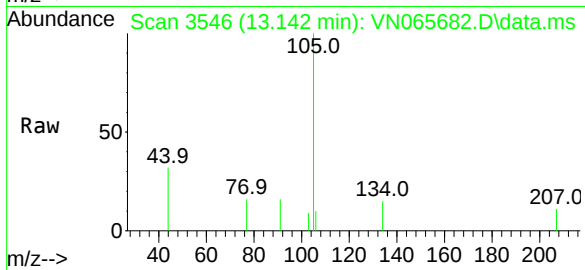




#85
 sec-Butylbenzene
 Concen: 0.26 ug/l
 RT: 13.142 min Scan# 3546
 Delta R.T. 0.001 min
 Lab File: VN065682.D
 Acq: 29 Jan 2021 17:17

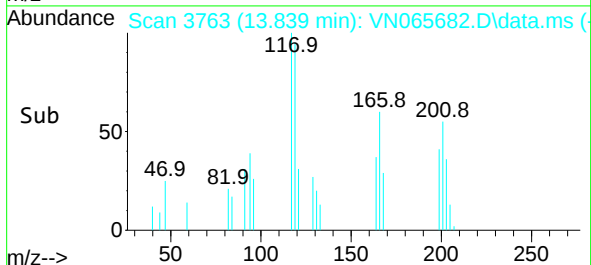
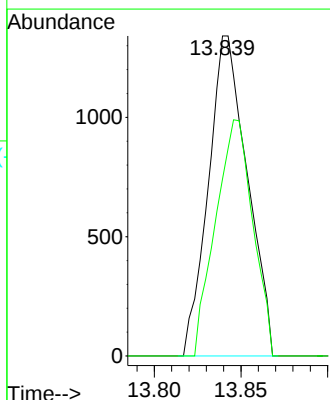
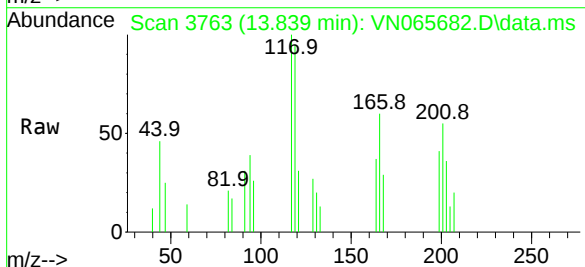
Instrument :
 MSVOA_N
 ClientSampleId :
 152140-MW-5D

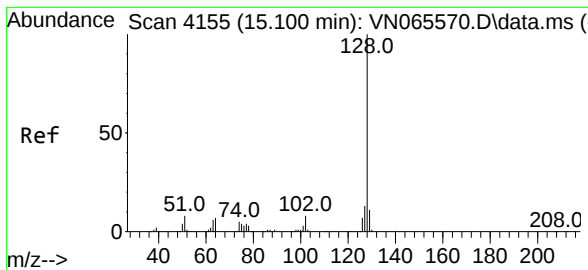
Tgt Ion:105 Resp: 2386
 Ion Ratio Lower Upper
 105 100
 134 16.2 10.0 30.0



#90
 Hexachloroethane
 Concen: 1.49 ug/l
 RT: 13.839 min Scan# 3763
 Delta R.T. -0.003 min
 Lab File: VN065682.D
 Acq: 29 Jan 2021 17:17

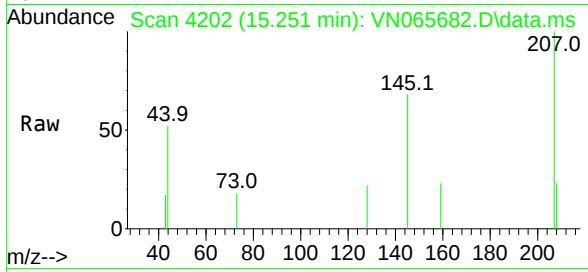
Tgt Ion:117 Resp: 2097
 Ion Ratio Lower Upper
 117 100
 201 70.6 37.8 113.3





#95
Naphthalene
Concen: 3.47 ug/l
RT: 15.251 min Scan# 4202
Delta R.T. 0.151 min
Lab File: VN065682.D
Acq: 29 Jan 2021 17:17

Instrument :
MSVOA_N
ClientSampleId :
152140-MW-5D



Tgt Ion:	128	Resp:	101
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.2#
129	0.0	8.6	13.0#

