

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012921\
 Data File : VN065678.D
 Acq On : 29 Jan 2021 15:39
 Operator : JC/MD
 Sample : M1288-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 152140-MW-2AD

Quant Time: Jan 30 01:03:28 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)

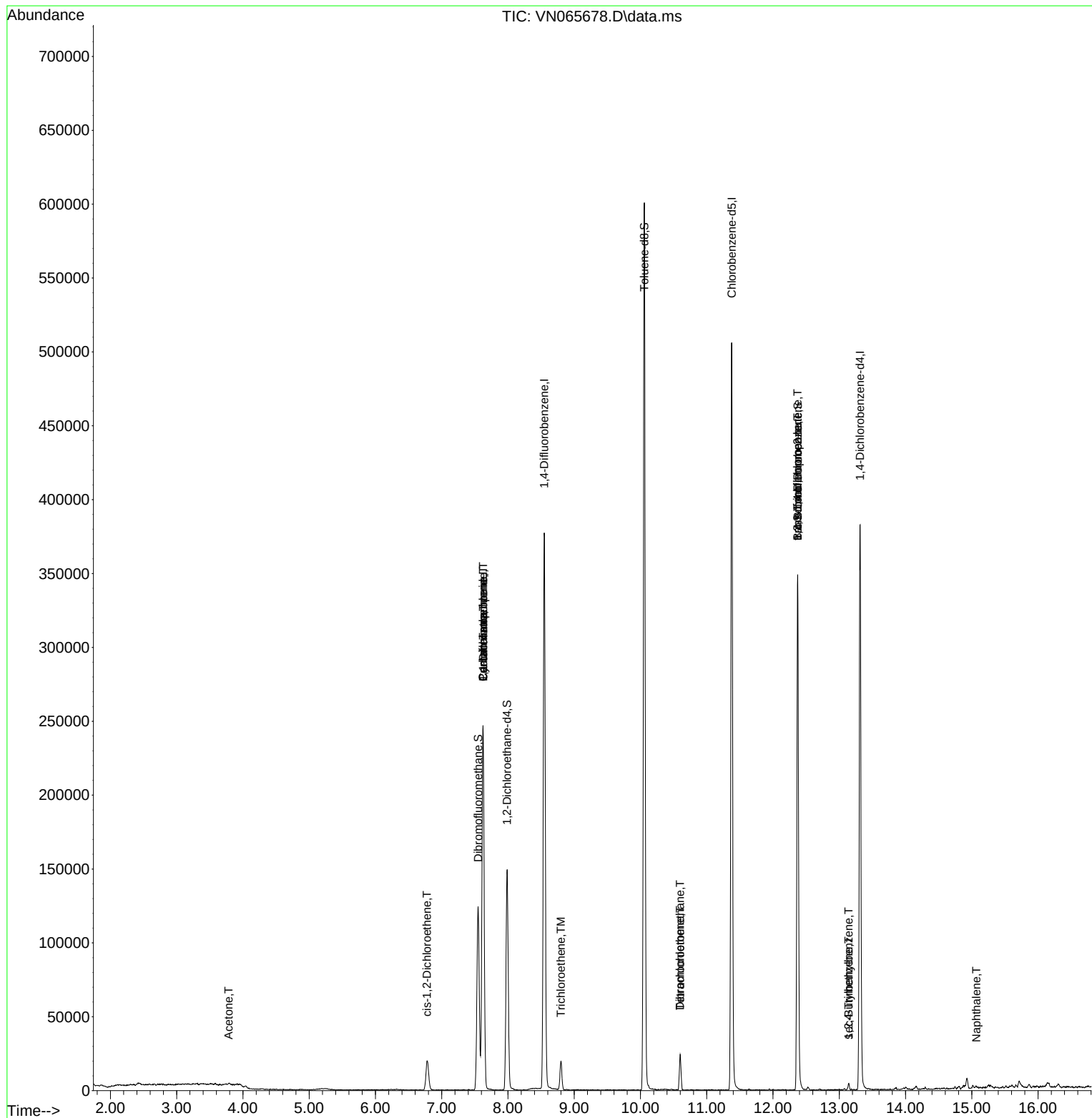
Internal Standards						
1) Pentafluorobenzene	7.624	168	203388	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	347377	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	302732	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	110060	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	126289	47.20	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.40%		
35) Dibromofluoromethane	7.550	113	101397	49.26	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.52%		
50) Toluene-d8	10.058	98	435527	53.82	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	107.64%		
62) 4-Bromofluorobenzene	12.373	95	143223	49.15	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.30%		
Target Compounds						
					Qvalue	
16) Acetone	3.782	43	988	0.95	ug/l #	83
27) cis-1,2-Dichloroethene	6.779	96	13669	4.53	ug/l	97
31) Cyclohexane	7.624	56	4014	0.80	ug/l #	1
36) 1,1-Dichloropropene	7.624	75	15939	4.56	ug/l #	47
38) Carbon Tetrachloride	7.624	117	19096	6.64	ug/l #	16
44) Trichloroethene	8.798	130	7656	2.96	ug/l	92
60) Dibromochloromethane	10.598	129	5885	2.39	ug/l #	11
64) Tetrachloroethene	10.598	164	5571	2.20	ug/l	93
71) Bromoform	12.370	173	480	0.31	ug/l #	1
76) 1,2,3-Trichloropropane	12.370	75	65037	22.60	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.370	75	65037	57.88	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.142	105	3405	0.42	ug/l #	31
85) sec-Butylbenzene	13.142	105	3405	0.37	ug/l	99
95) Naphthalene	15.071	128	62	3.46	ug/l #	1

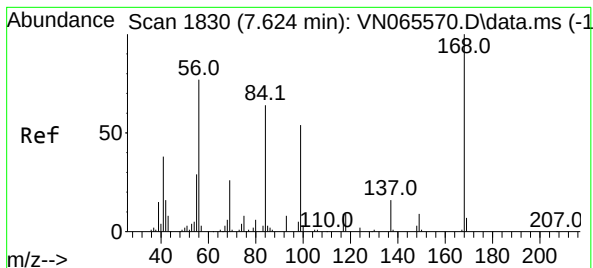
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VN065678.D

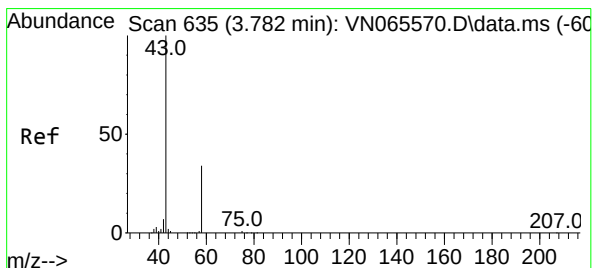
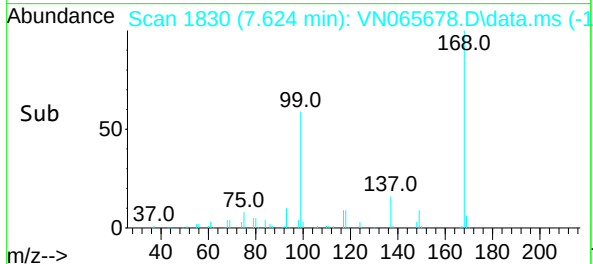
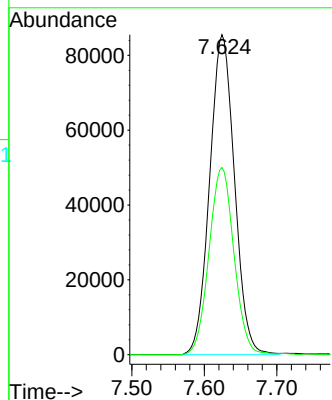
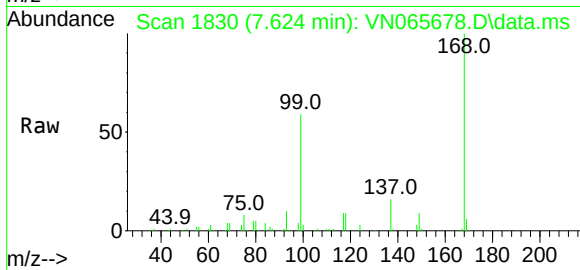
Acq: 29 Jan 2021 15:39

Tgt Ion:168 Resp: 203388

Ion Ratio Lower Upper

168 100

99 58.5 42.6 63.8



#16

Acetone

Concen: 0.95 ug/l

RT: 3.782 min Scan# 635

Delta R.T. -0.000 min

Lab File: VN065678.D

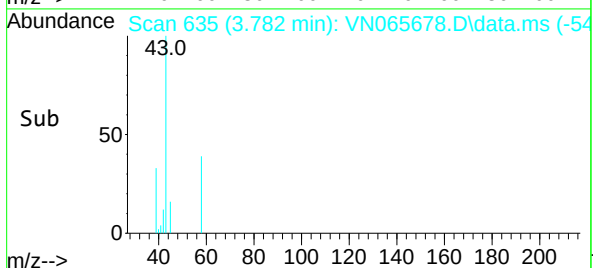
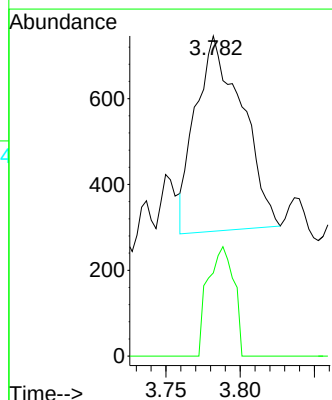
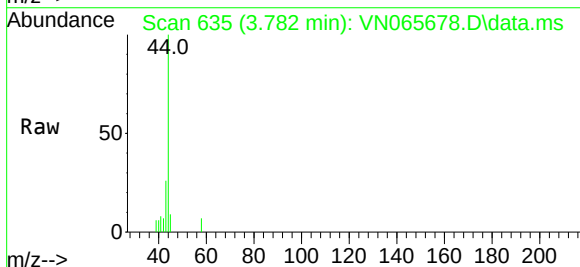
Acq: 29 Jan 2021 15:39

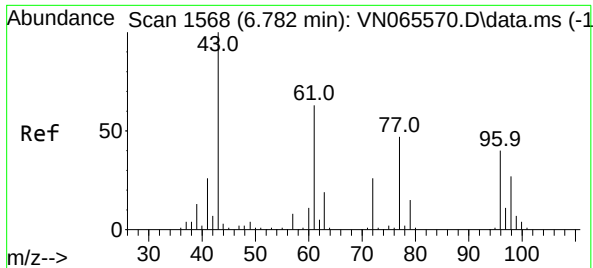
Tgt Ion: 43 Resp: 988

Ion Ratio Lower Upper

43 100

58 43.8 27.0 40.6#

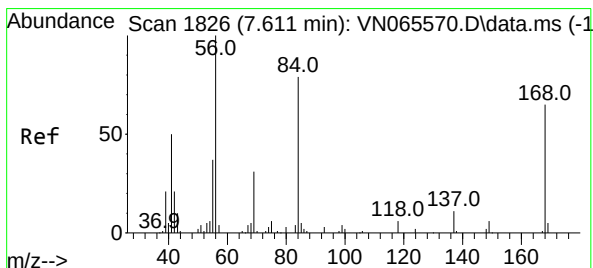
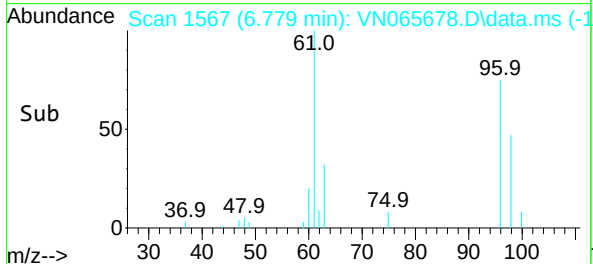
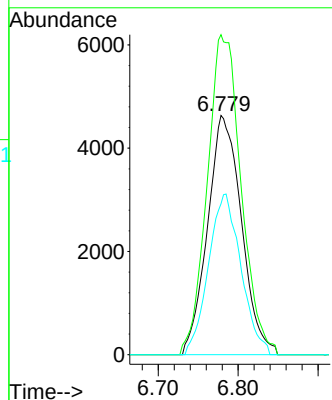
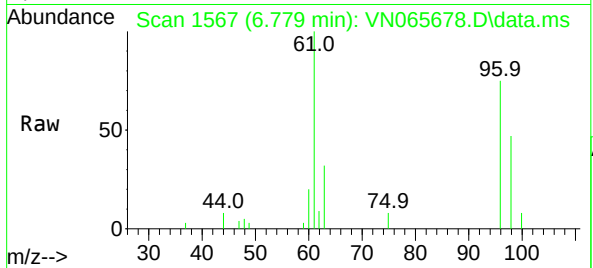




#27
 cis-1,2-Dichloroethene
 Concen: 4.53 ug/l
 RT: 6.779 min Scan# 1567
 Delta R.T. -0.003 min
 Lab File: VN065678.D
 Acq: 29 Jan 2021 15:39

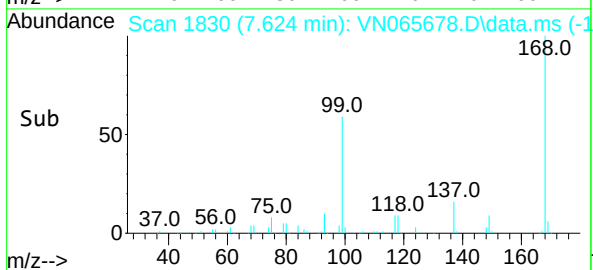
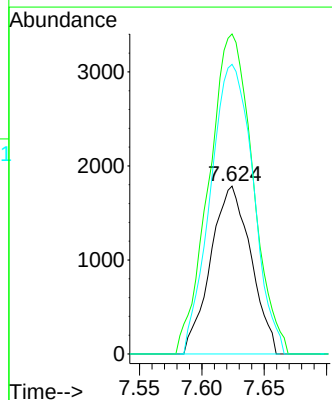
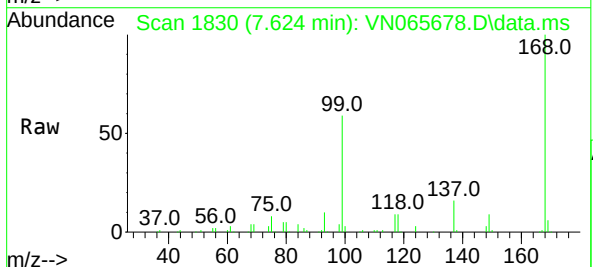
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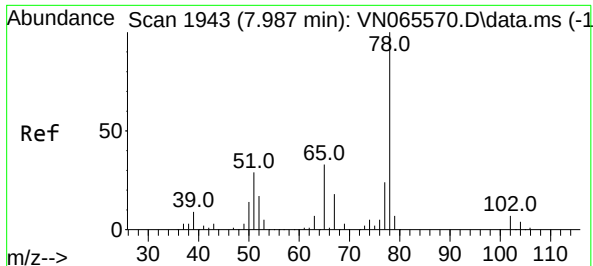
Tgt Ion:	96	Resp:	13669
Ion	Ratio	Lower	Upper
96	100		
61	133.5	0.0	276.8
98	64.2	0.0	129.4



#31
 Cyclohexane
 Concen: 0.80 ug/l
 RT: 7.624 min Scan# 1830
 Delta R.T. 0.013 min
 Lab File: VN065678.D
 Acq: 29 Jan 2021 15:39

Tgt Ion:	56	Resp:	4014
Ion	Ratio	Lower	Upper
56	100		
69	179.7	26.6	39.8#
84	172.5	70.4	105.6#

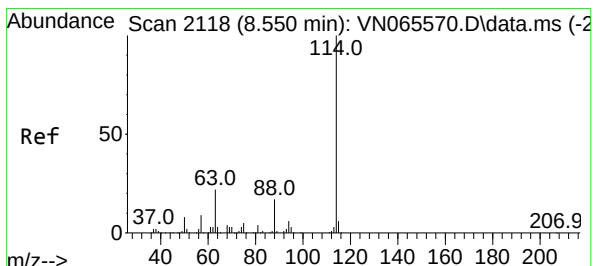
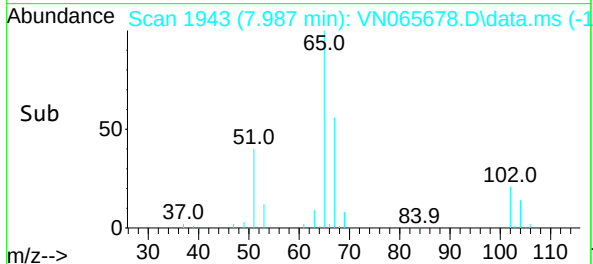
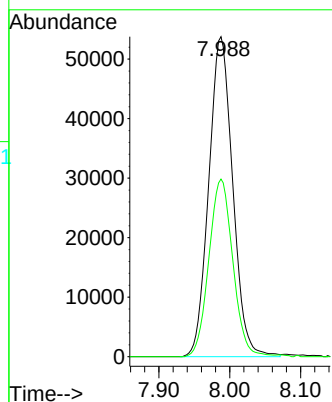
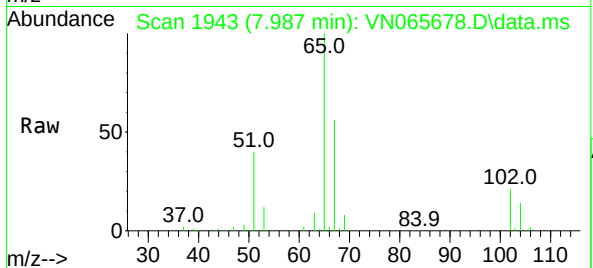




#33
1,2-Dichloroethane-d4
Concen: 47.20 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065678.D
Acq: 29 Jan 2021 15:39

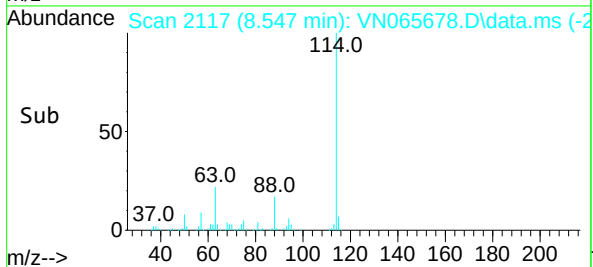
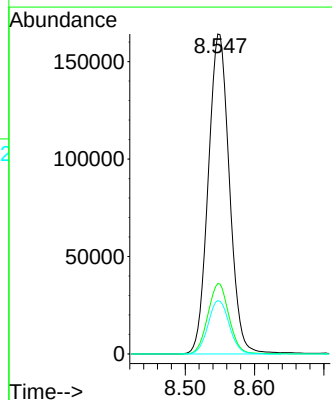
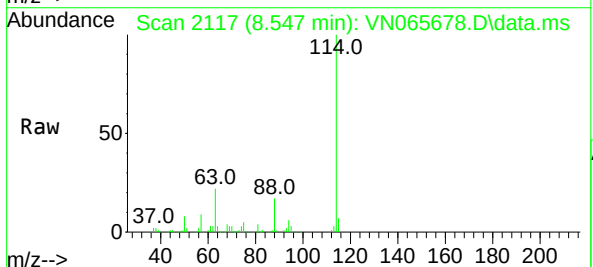
Instrument :
MSVOA_N
ClientSampleId :
152140-MW-2AD

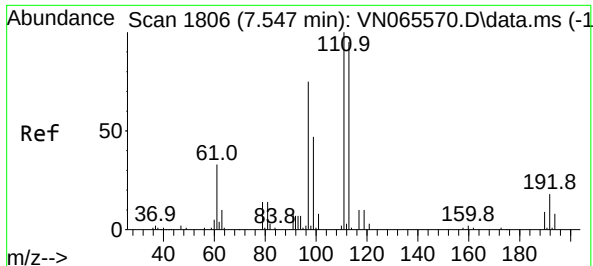
Tgt Ion: 65 Resp: 126289
Ion Ratio Lower Upper
65 100
67 55.5 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VN065678.D
Acq: 29 Jan 2021 15:39

Tgt Ion: 114 Resp: 347377
Ion Ratio Lower Upper
114 100
63 22.0 0.0 38.6
88 16.7 0.0 30.6

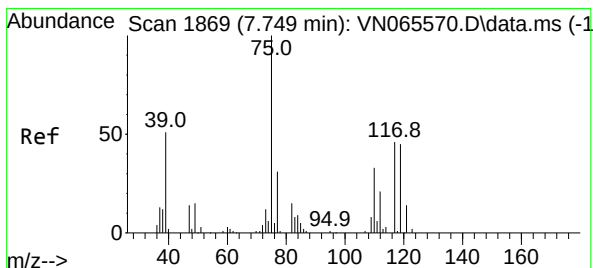
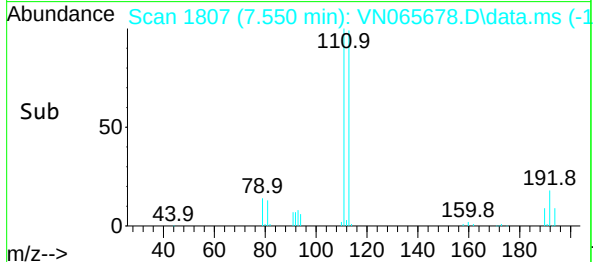
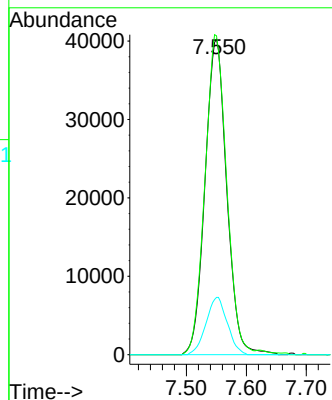
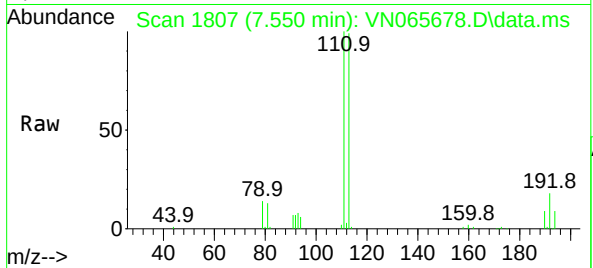




#35
Dibromofluoromethane
Concen: 49.26 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VN065678.D
Acq: 29 Jan 2021 15:39

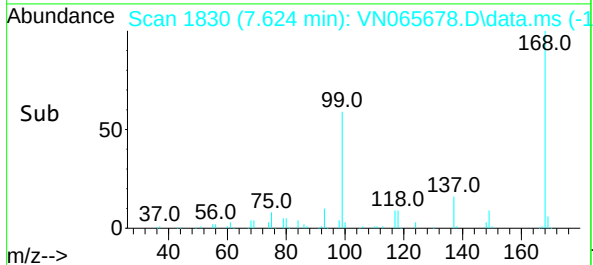
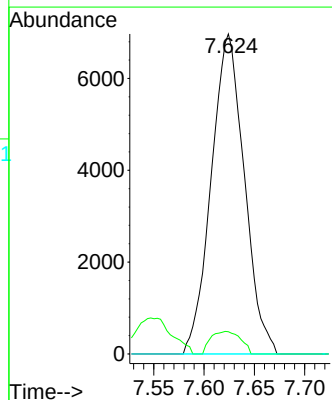
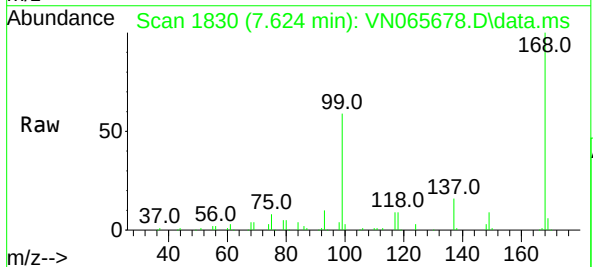
Instrument :
MSVOA_N
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152140-MW-2AD

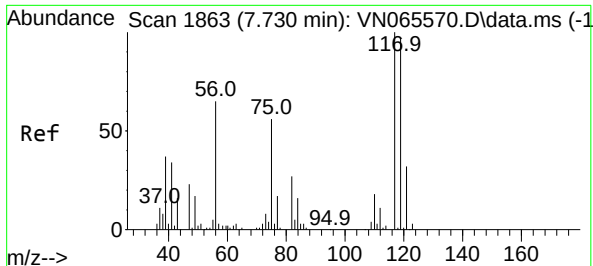
Tgt Ion:113 Resp: 101397
Ion Ratio Lower Upper
113 100
111 101.1 82.2 123.2
192 17.8 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.56 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.125 min
Lab File: VN065678.D
Acq: 29 Jan 2021 15:39

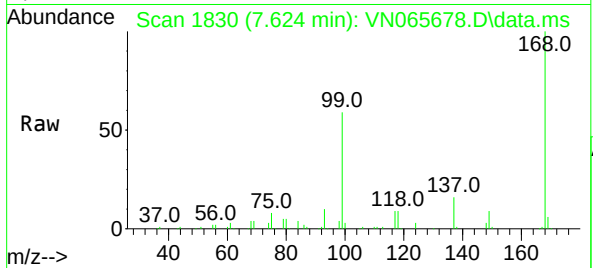
Tgt Ion: 75 Resp: 15939
Ion Ratio Lower Upper
75 100
110 6.3 18.2 54.6#
77 0.0 24.9 37.3#



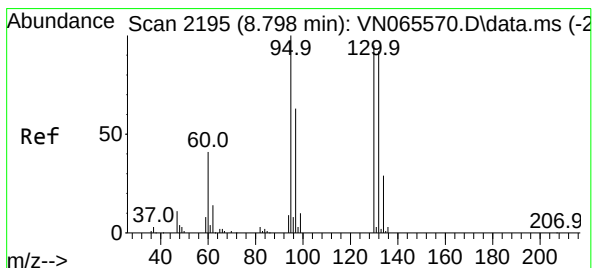
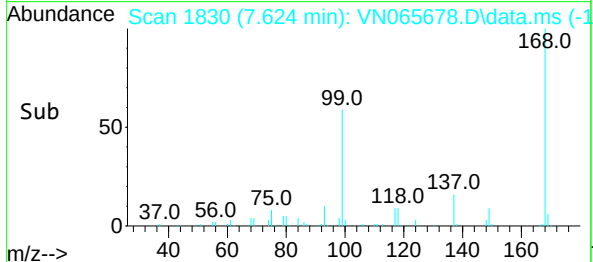
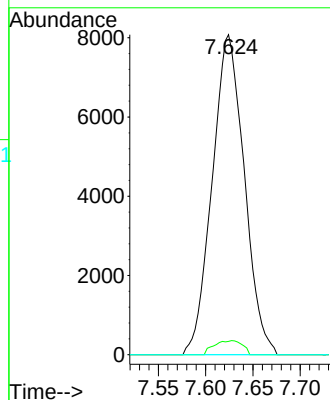


#38
Carbon Tetrachloride
Concen: 6.64 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.106 min
Lab File: VN065678.D
Acq: 29 Jan 2021 15:39

Instrument :
MSVOA_N
ClientSampleId :
152140-MW-2AD

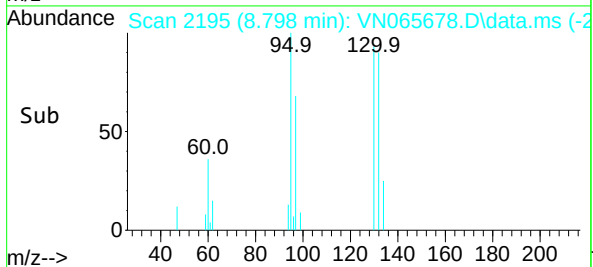
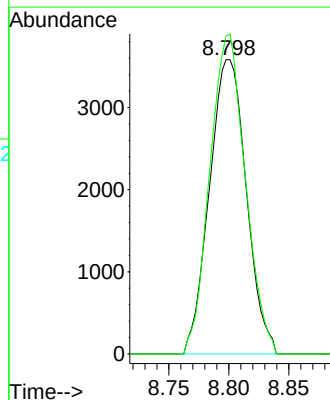
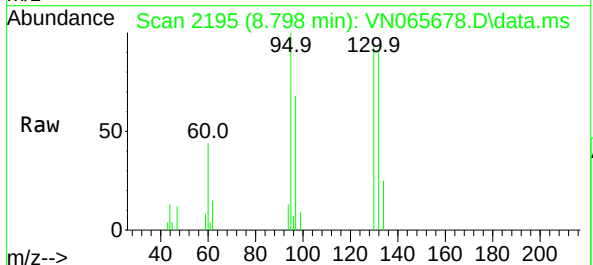


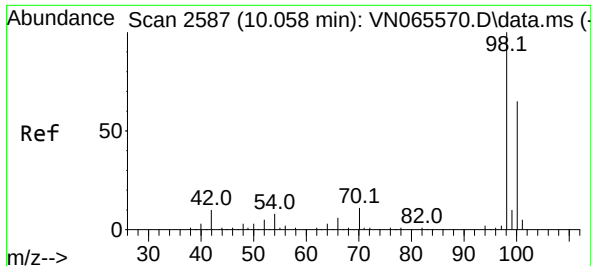
Tgt Ion:117 Resp: 19096
Ion Ratio Lower Upper
117 100
119 4.2 76.0 114.0#
121 0.0 24.5 36.7#



#44
Trichloroethene
Concen: 2.96 ug/l
RT: 8.798 min Scan# 2195
Delta R.T. -0.000 min
Lab File: VN065678.D
Acq: 29 Jan 2021 15:39

Tgt Ion:130 Resp: 7656
Ion Ratio Lower Upper
130 100
95 107.9 0.0 199.6

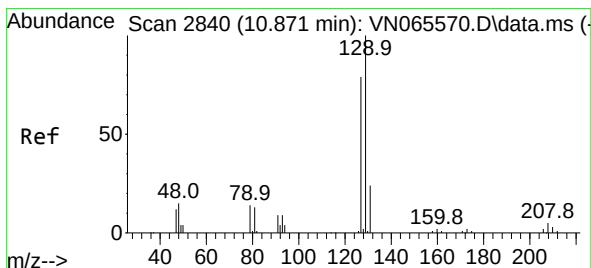
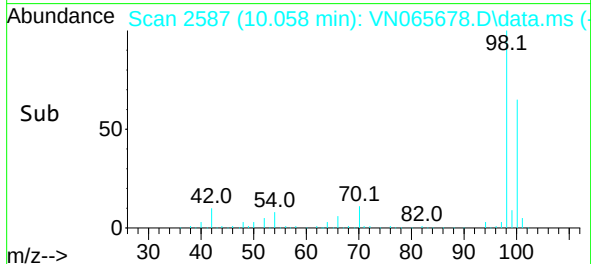
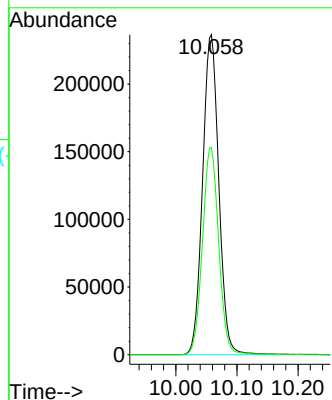
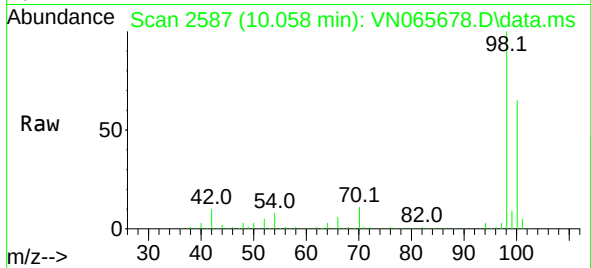




#50
Toluene-d8
Concen: 53.82 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065678.D
Acq: 29 Jan 2021 15:39

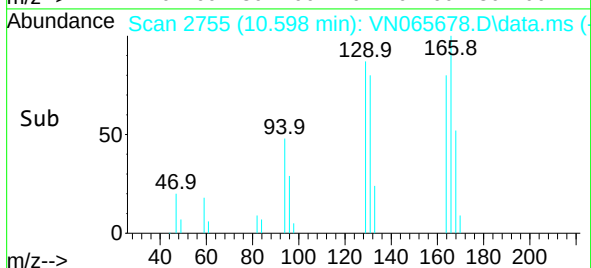
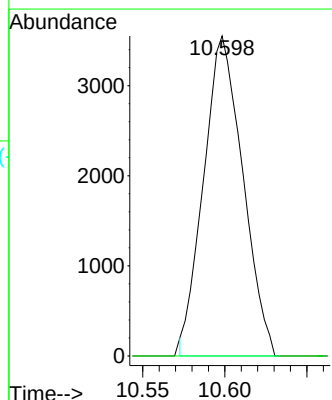
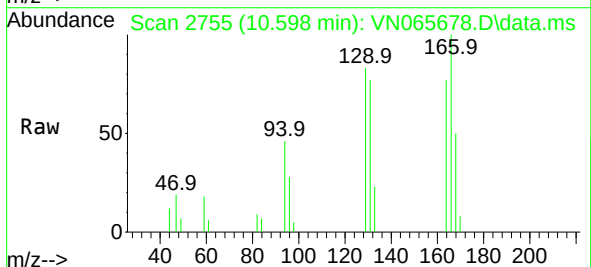
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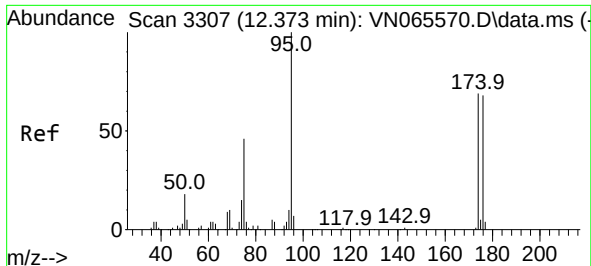
Tgt Ion: 98 Resp: 435527
Ion Ratio Lower Upper
98 100
100 64.9 50.5 75.7



#60
Dibromochloromethane
Concen: 2.39 ug/l
RT: 10.598 min Scan# 2755
Delta R.T. -0.273 min
Lab File: VN065678.D
Acq: 29 Jan 2021 15:39

Tgt Ion: 129 Resp: 5885
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#

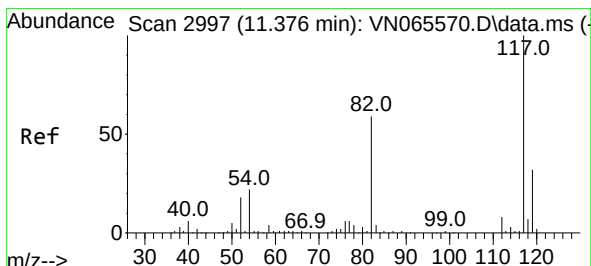
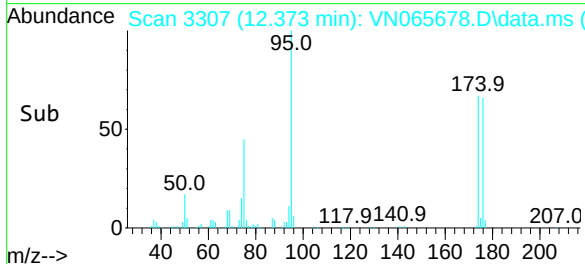
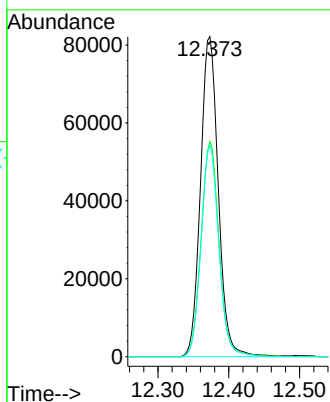
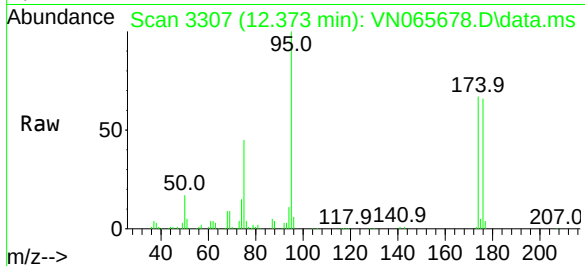




#62
4-Bromofluorobenzene
Concen: 49.15 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065678.D
Acq: 29 Jan 2021 15:39

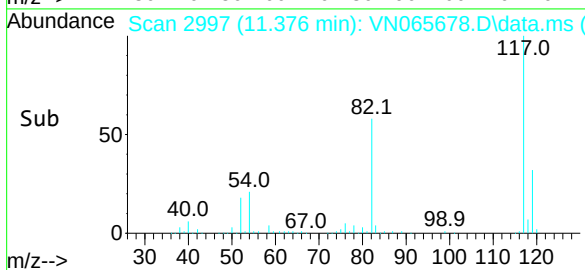
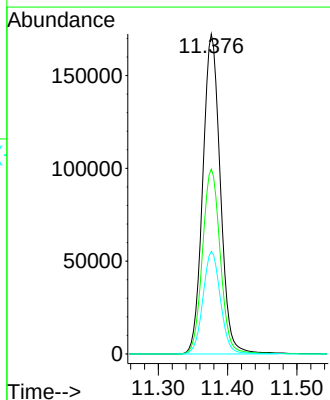
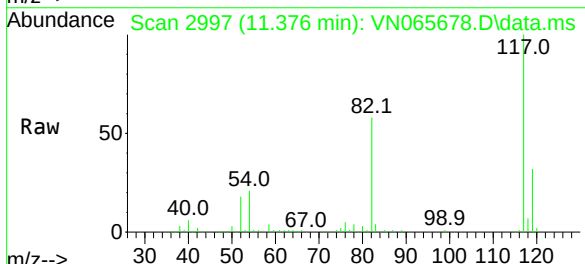
Instrument :
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ClientSampleId :
152140-MW-2AD

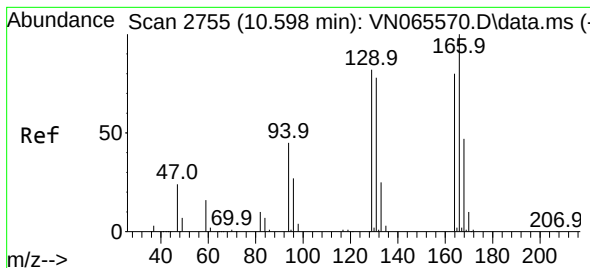
Tgt Ion: 95 Resp: 143223
Ion Ratio Lower Upper
95 100
174 67.8 0.0 169.0
176 65.9 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065678.D
Acq: 29 Jan 2021 15:39

Tgt Ion: 117 Resp: 302732
Ion Ratio Lower Upper
117 100
82 57.8 43.7 65.5
119 32.1 26.1 39.1





#64

Tetrachloroethene

Concen: 2.20 ug/l

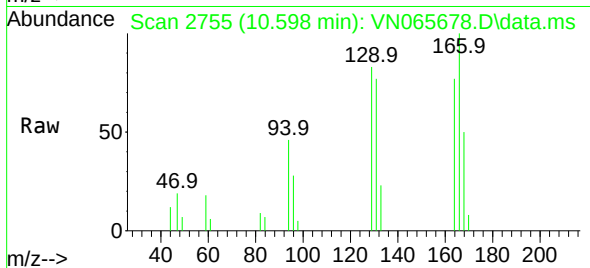
RT: 10.598 min Scan# 2755

Delta R.T. 0.000 min

Lab File: VN065678.D

Acq: 29 Jan 2021 15:39

Instrument :
MSVOA_N
ClientSampleId :
152140-MW-2AD



Tgt Ion:164 Resp: 5571

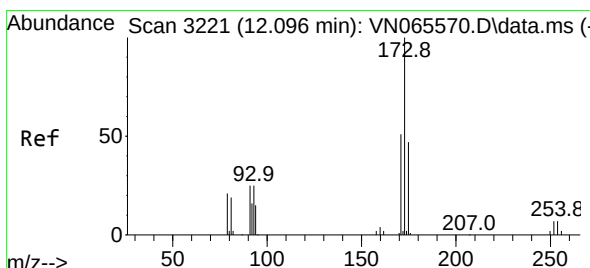
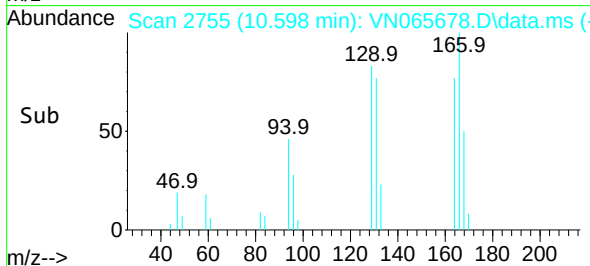
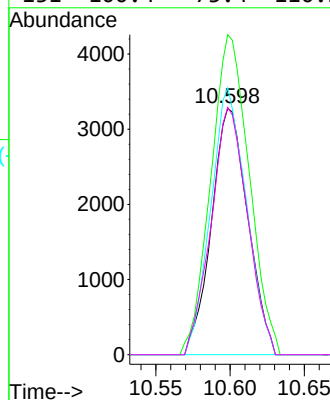
Ion Ratio Lower Upper

164 100

166 129.9 102.6 154.0

129 108.4 76.2 114.4

131 100.4 73.4 110.2



#71

Bromoform

Concen: 0.31 ug/l

RT: 12.370 min Scan# 3306

Delta R.T. 0.274 min

Lab File: VN065678.D

Acq: 29 Jan 2021 15:39

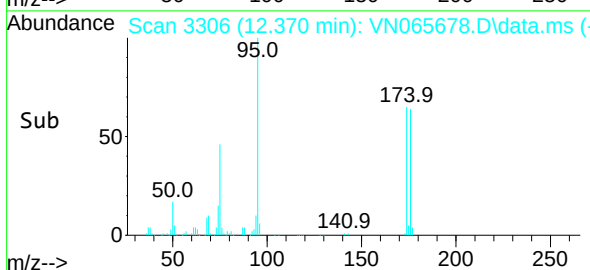
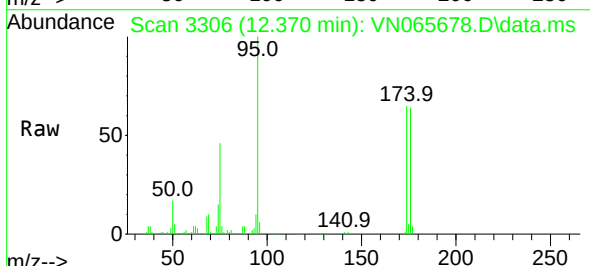
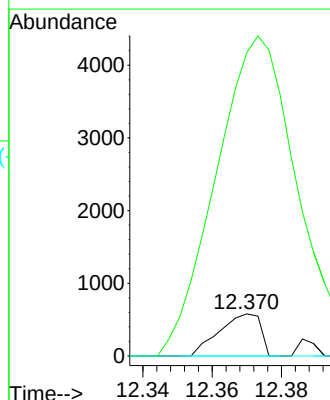
Tgt Ion:173 Resp: 480

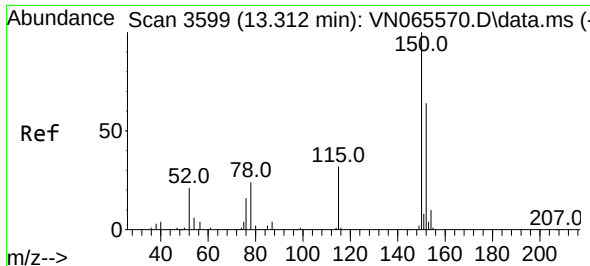
Ion Ratio Lower Upper

173 100

175 1270.4 23.8 71.2#

254 0.0 0.0 0.0

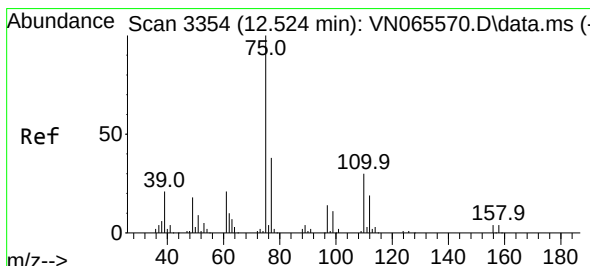
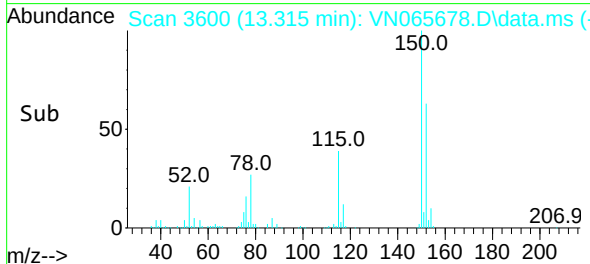
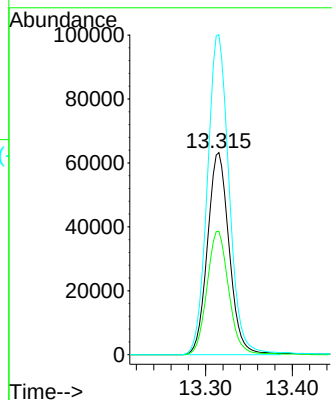
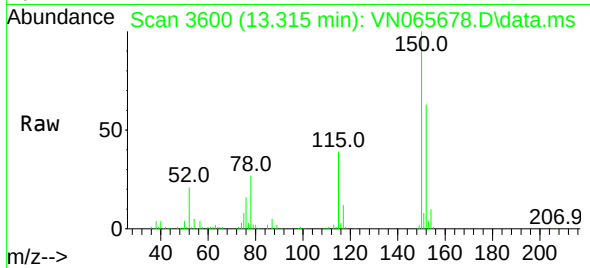




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065678.D
Acq: 29 Jan 2021 15:39

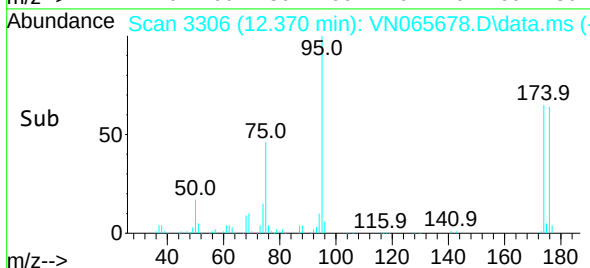
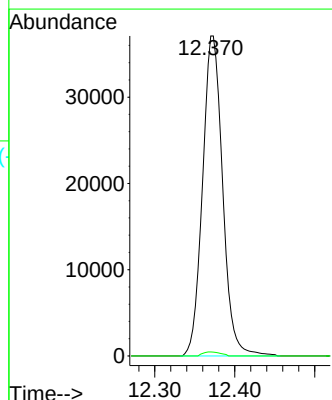
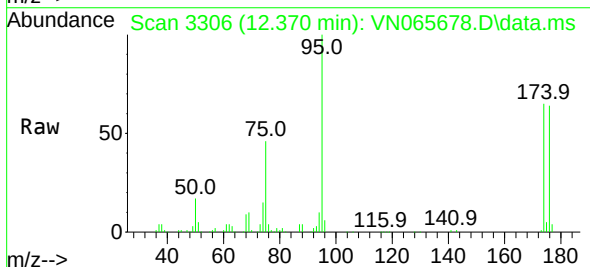
Instrument :
MSVOA_N
ClientSampleId :
152140-MW-2AD

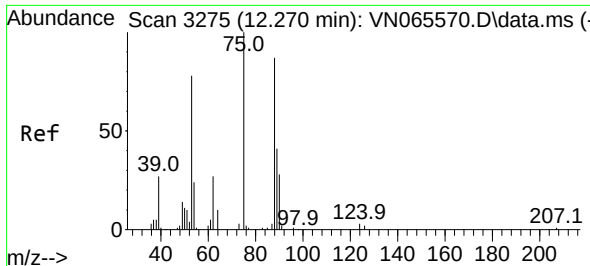
Tgt Ion:152 Resp: 110060
Ion Ratio Lower Upper
152 100
115 61.4 28.5 85.6
150 158.6 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 22.60 ug/l
RT: 12.370 min Scan# 3306
Delta R.T. -0.154 min
Lab File: VN065678.D
Acq: 29 Jan 2021 15:39

Tgt Ion: 75 Resp: 65037
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#

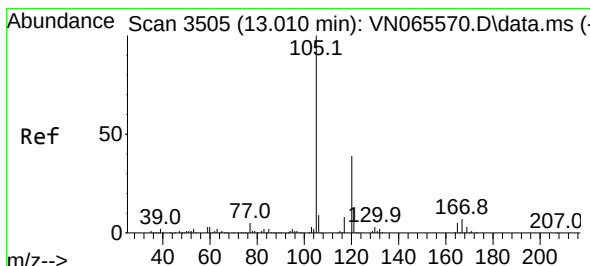
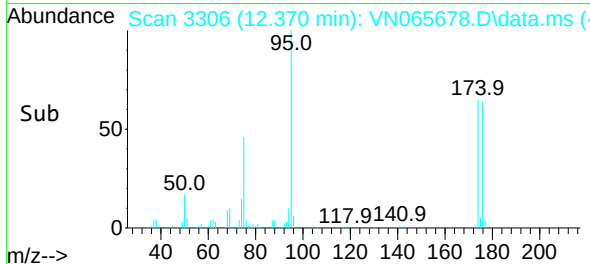
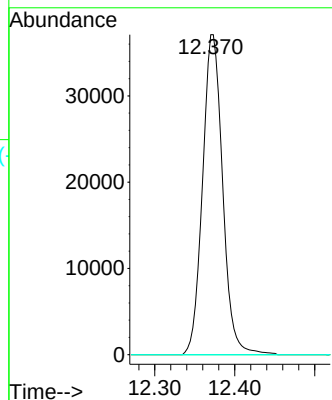
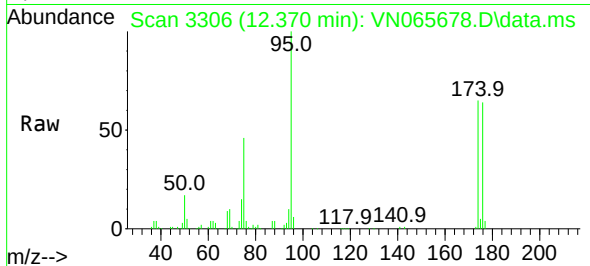




#81
trans-1,4-Dichloro-2-butene
Concen: 57.88 ug/l
RT: 12.370 min Scan# 3306
Delta R.T. 0.100 min
Lab File: VN065678.D
Acq: 29 Jan 2021 15:39

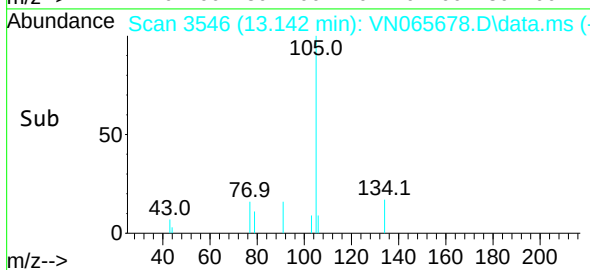
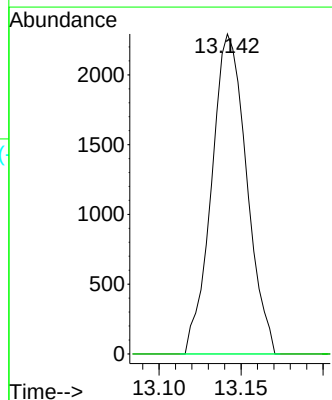
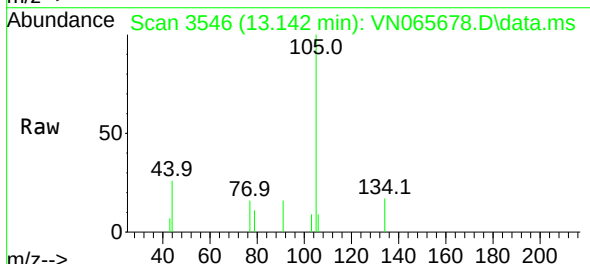
Instrument :
MSVOA_N
ClientSampleId :
152140-MW-2AD

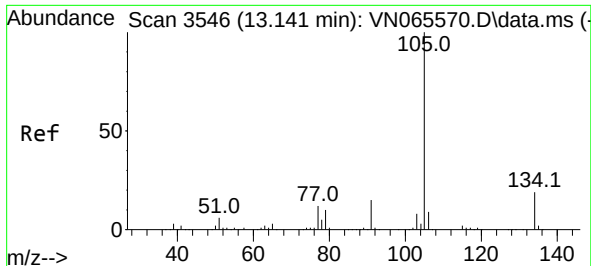
Tgt Ion: 75 Resp: 65037
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#



#84
1,2,4-Trimethylbenzene
Concen: 0.42 ug/l
RT: 13.142 min Scan# 3546
Delta R.T. 0.132 min
Lab File: VN065678.D
Acq: 29 Jan 2021 15:39

Tgt Ion: 105 Resp: 3405
Ion Ratio Lower Upper
105 100
120 0.0 22.4 67.0#

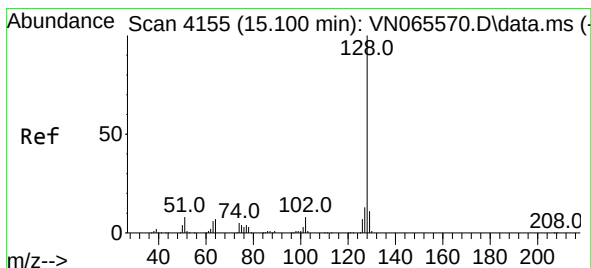
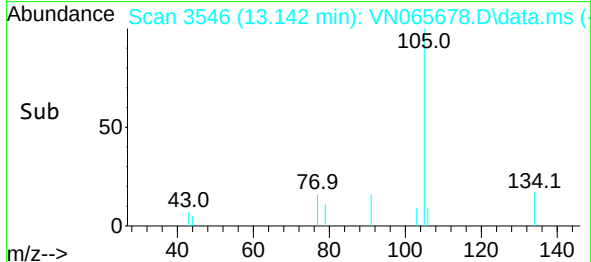
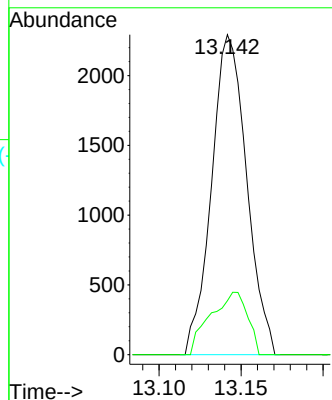
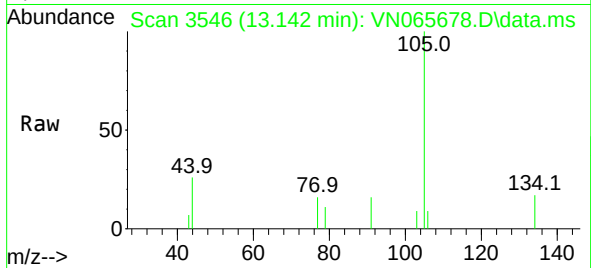




#85
 sec-Butylbenzene
 Concen: 0.37 ug/l
 RT: 13.142 min Scan# 3546
 Delta R.T. 0.001 min
 Lab File: VN065678.D
 Acq: 29 Jan 2021 15:39

Instrument :
 MSVOA_N
 ClientSampleId :
 152140-MW-2AD

Tgt Ion:105 Resp: 3405
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.0 30.0



#95
 Naphthalene
 Concen: 3.46 ug/l
 RT: 15.071 min Scan# 4146
 Delta R.T. -0.029 min
 Lab File: VN065678.D
 Acq: 29 Jan 2021 15:39

Tgt Ion:128 Resp: 62
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.2 15.2#
 129 150.0 8.6 13.0#

