

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021221\
 Data File : VN065857.D
 Acq On : 12 Feb 2021 22:53
 Operator : JC/MD
 Sample : VN0212MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 13 03:37:38 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)

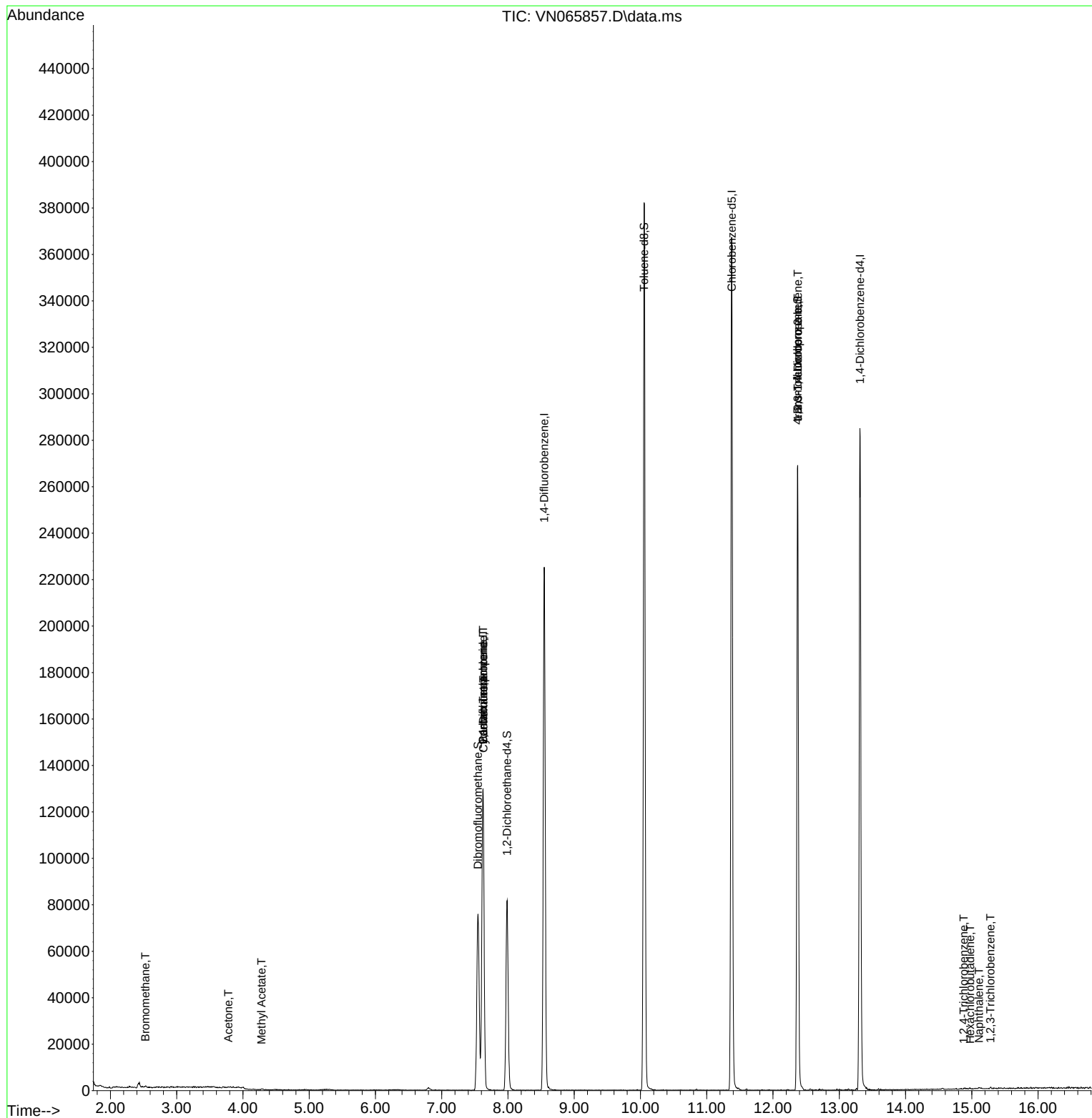
Internal Standards						
1) Pentafluorobenzene	7.624	168	114209	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	220020	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	226735	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	86098	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	69018	45.93	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.86%		
35) Dibromofluoromethane	7.547	113	63646	48.82	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.64%		
50) Toluene-d8	10.055	98	281135	54.85	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	109.70%		
62) 4-Bromofluorobenzene	12.370	95	108433	58.75	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	117.50%		
Target Compounds						Qvalue
5) Bromomethane	2.528	94	306	0.28	ug/l	99
16) Acetone	3.778	43	551	0.94	ug/l #	41
18) Methyl Acetate	4.280	43	362	0.22	ug/l #	51
31) Cyclohexane	7.627	56	1873	0.66	ug/l #	1
36) 1,1-Dichloropropene	7.624	75	8234	3.72	ug/l #	48
38) Carbon Tetrachloride	7.624	117	10854	5.95	ug/l #	16
76) 1,2,3-Trichloropropane	12.373	75	47708	21.19	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	47708	54.28	ug/l #	12
93) 1,2,4-Trichlorobenzene	14.878	180	30	3.38	ug/l #	13
94) Hexachlorobutadiene	14.977	225	144	0.42	ug/l #	47
95) Naphthalene	15.109	128	778	3.58	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.283	180	198	2.95	ug/l #	43

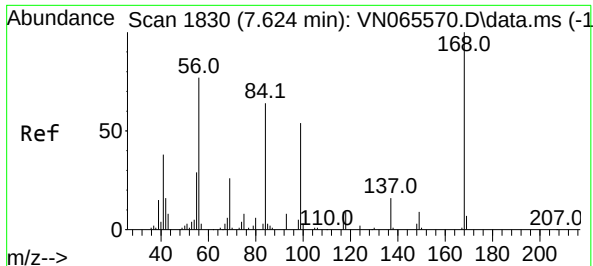
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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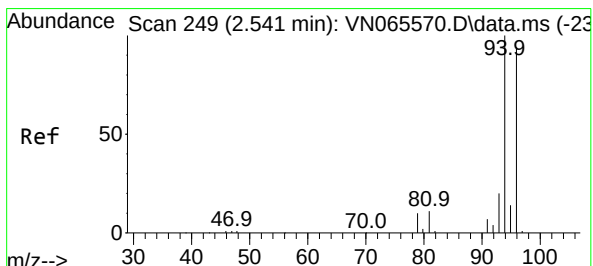
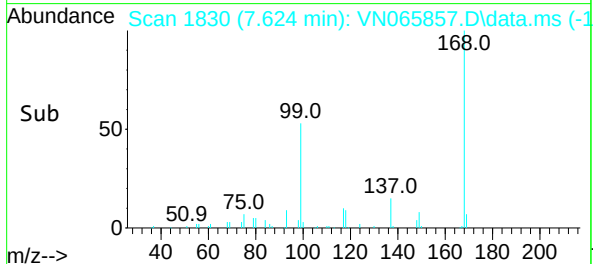
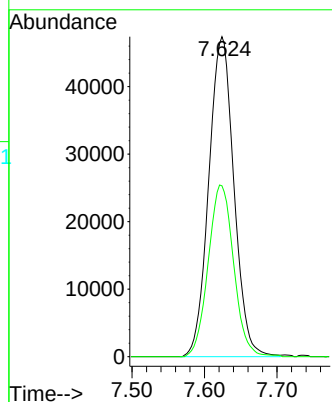
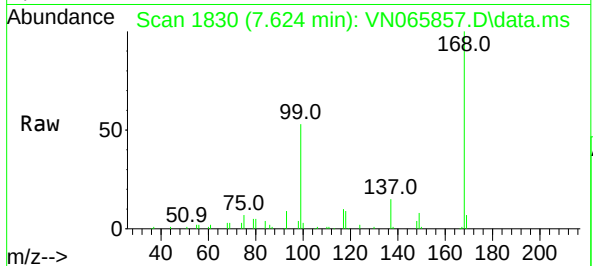




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN065857.D
Acq: 12 Feb 2021 22:53

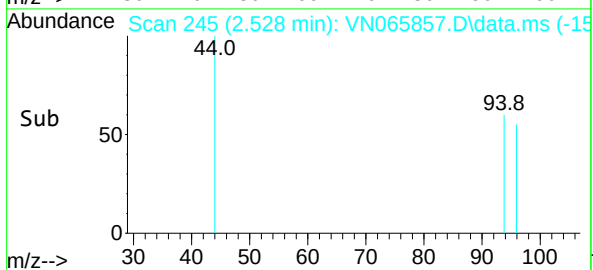
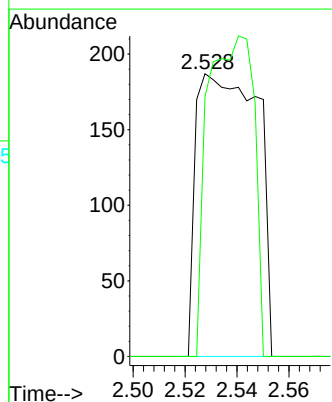
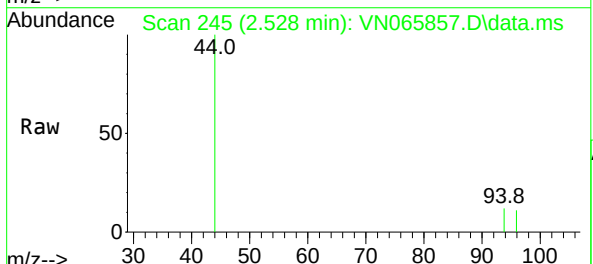
Instrument :
MSVOA_N
ClientSampled :

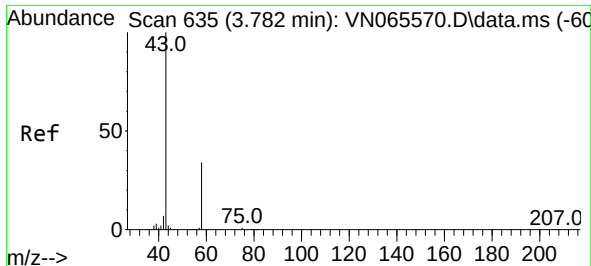
Tgt Ion:168 Resp: 114209
Ion Ratio Lower Upper
168 100
99 53.4 42.6 63.8



#5
Bromomethane
Concen: 0.28 ug/l
RT: 2.528 min Scan# 245
Delta R.T. -0.013 min
Lab File: VN065857.D
Acq: 12 Feb 2021 22:53

Tgt Ion: 94 Resp: 306
Ion Ratio Lower Upper
94 100
96 92.0 73.0 109.4

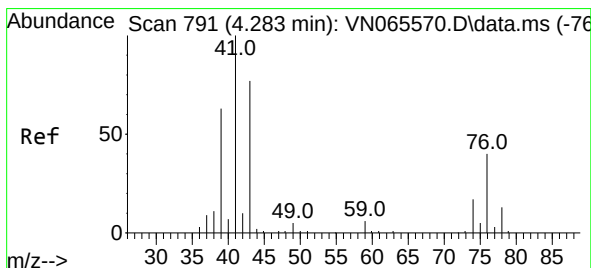
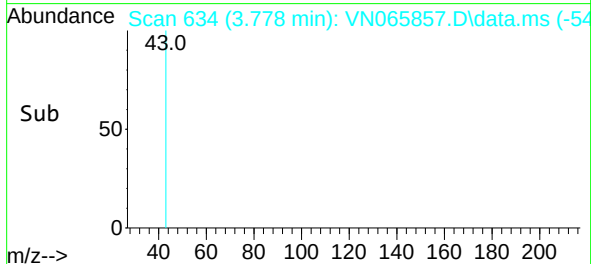
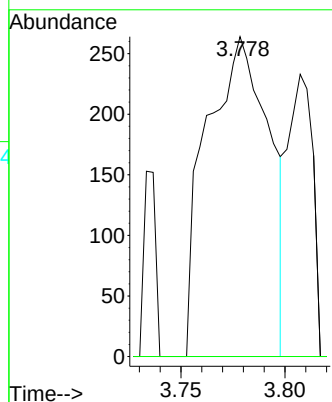
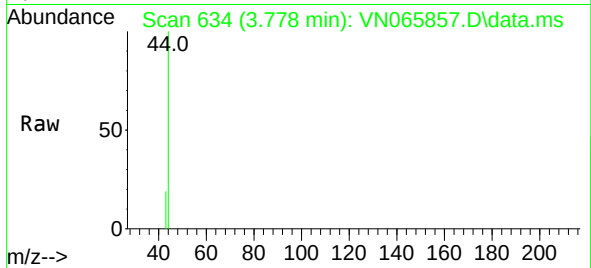




#16
Acetone
Concen: 0.94 ug/l
RT: 3.778 min Scan# 634
Delta R.T. -0.004 min
Lab File: VN065857.D
Acq: 12 Feb 2021 22:53

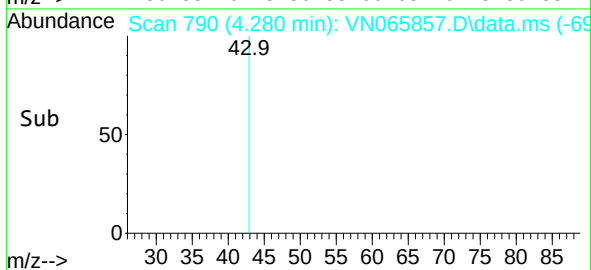
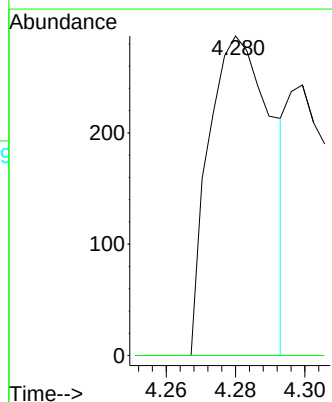
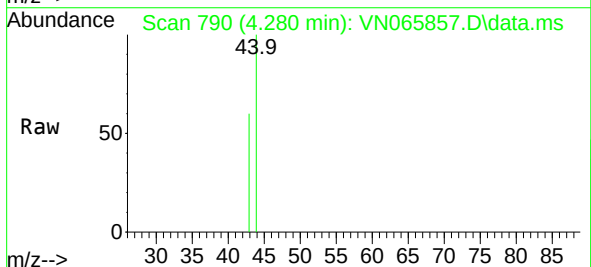
Instrument :
MSVOA_N
ClientSampled :

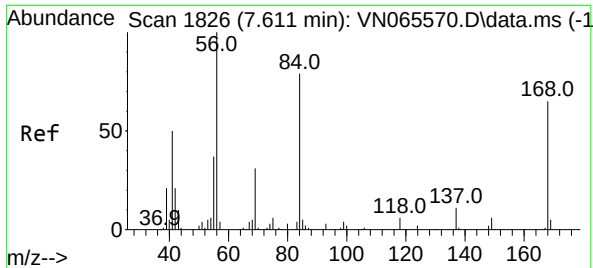
Tgt Ion: 43 Resp: 551
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.6#



#18
Methyl Acetate
Concen: 0.22 ug/l
RT: 4.280 min Scan# 790
Delta R.T. -0.003 min
Lab File: VN065857.D
Acq: 12 Feb 2021 22:53

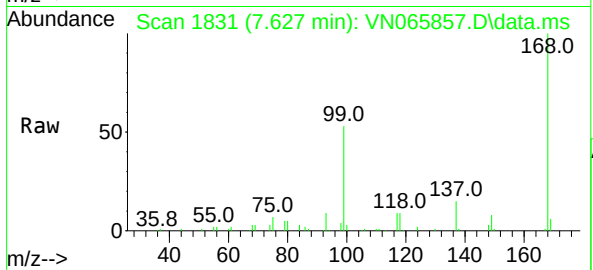
Tgt Ion: 43 Resp: 362
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#



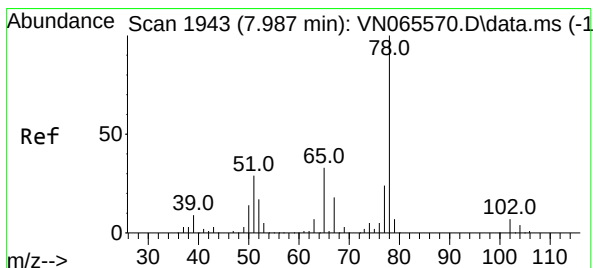
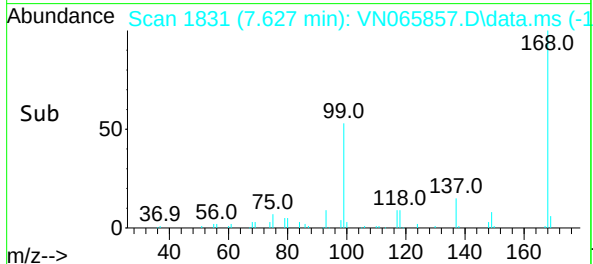
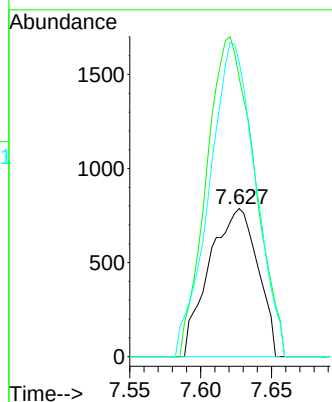


#31
Cyclohexane
Concen: 0.66 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.016 min
Lab File: VN065857.D
Acq: 12 Feb 2021 22:53

Instrument :
MSVOA_N
ClientSampled :

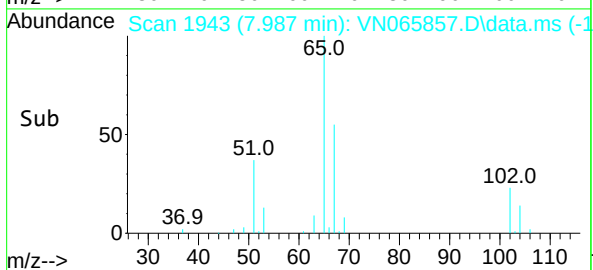
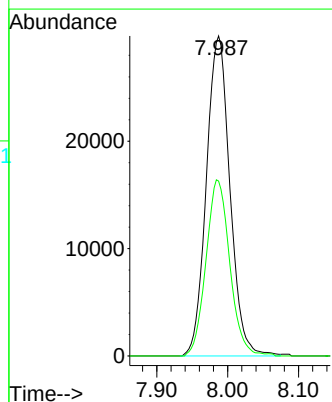
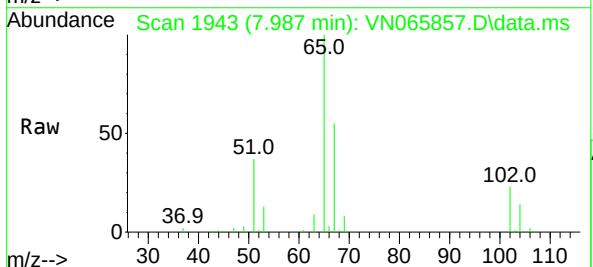


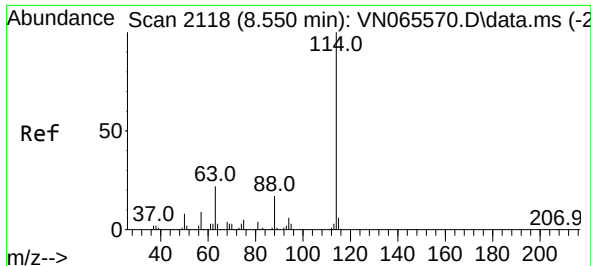
Tgt Ion: 56 Resp: 1873
Ion Ratio Lower Upper
56 100
69 187.6 26.6 39.8#
84 178.6 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 45.93 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065857.D
Acq: 12 Feb 2021 22:53

Tgt Ion: 65 Resp: 69018
Ion Ratio Lower Upper
65 100
67 55.4 0.0 107.2

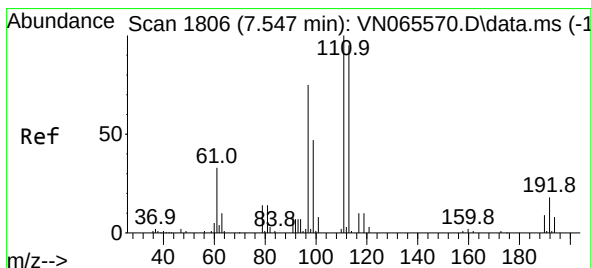
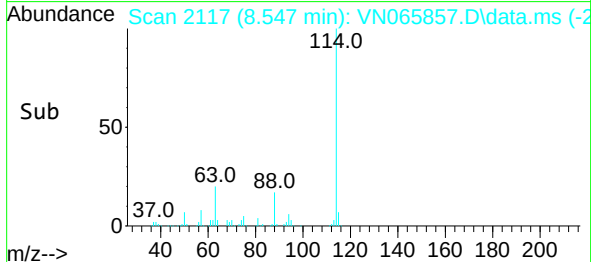
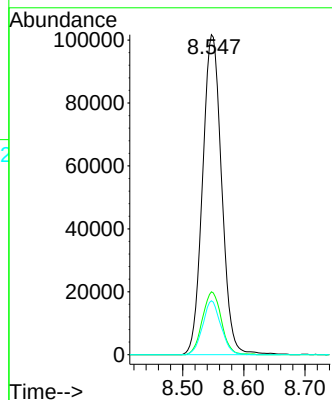
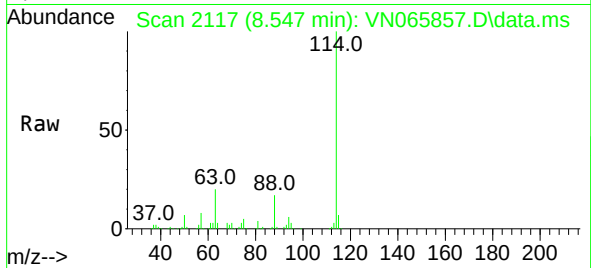




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VN065857.D
Acq: 12 Feb 2021 22:53

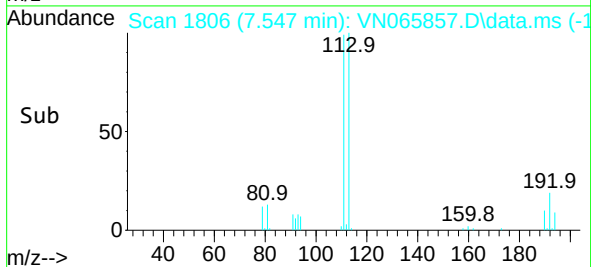
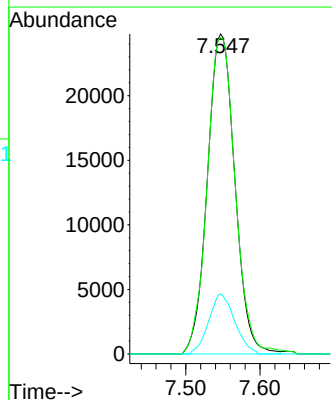
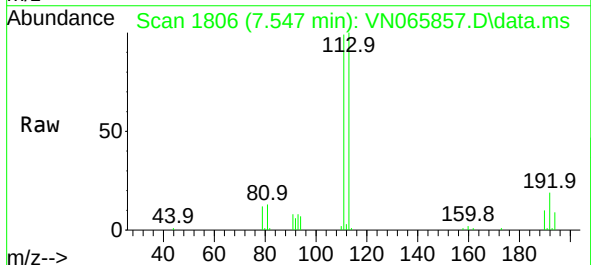
Instrument :
MSVOA_N
ClientSampled :

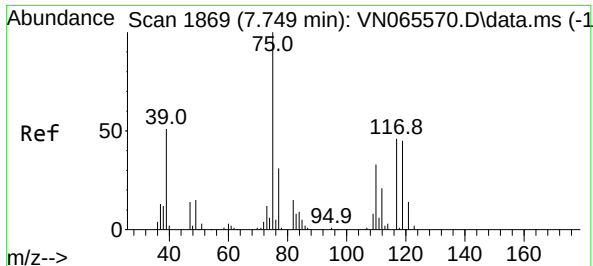
Tgt Ion:	114	Resp:	220020
Ion Ratio	Lower	Upper	
114	100		
63	19.6	0.0	38.6
88	16.9	0.0	30.6



#35
Dibromofluoromethane
Concen: 48.82 ug/l
RT: 7.547 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN065857.D
Acq: 12 Feb 2021 22:53

Tgt Ion:	113	Resp:	63646
Ion Ratio	Lower	Upper	
113	100		
111	101.2	82.2	123.2
192	17.8	15.4	23.0

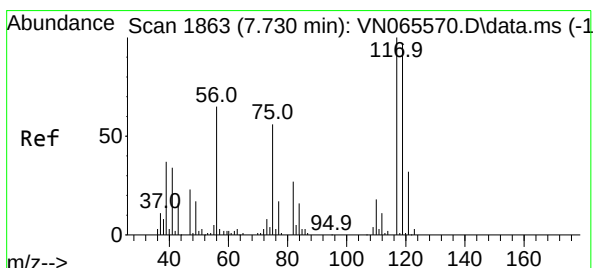
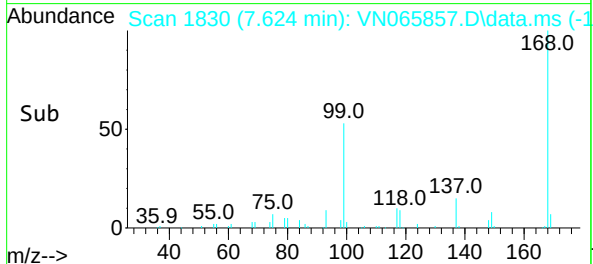
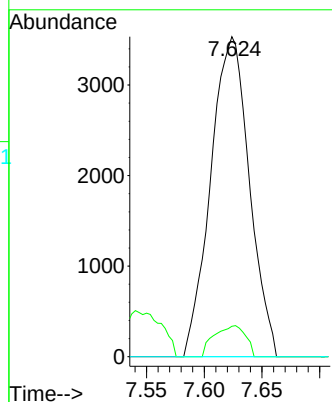
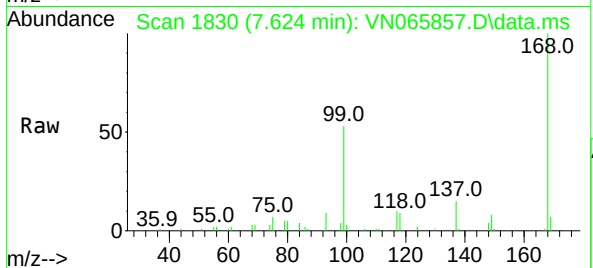




#36
1,1-Dichloropropene
Concen: 3.72 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.125 min
Lab File: VN065857.D
Acq: 12 Feb 2021 22:53

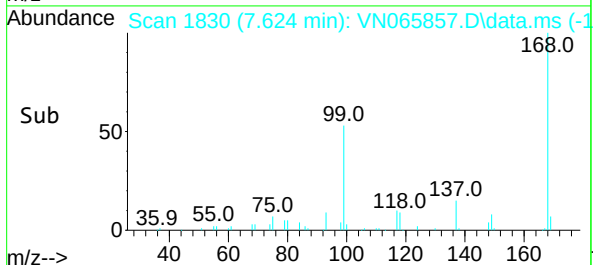
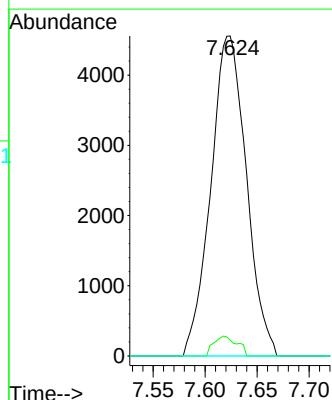
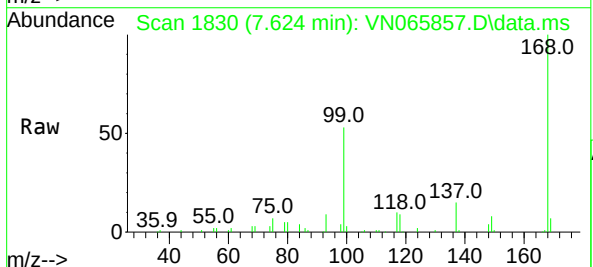
Instrument :
MSVOA_N
ClientSampleId :

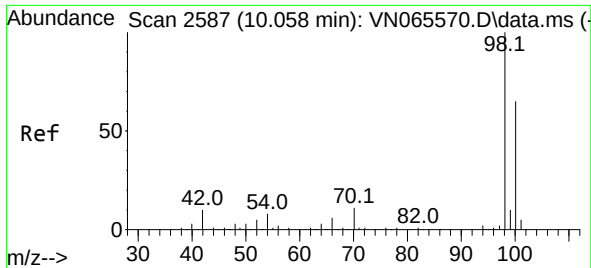
Tgt Ion: 75 Resp: 8234
Ion Ratio Lower Upper
75 100
110 7.9 18.2 54.6#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 5.95 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.106 min
Lab File: VN065857.D
Acq: 12 Feb 2021 22:53

Tgt Ion: 117 Resp: 10854
Ion Ratio Lower Upper
117 100
119 5.0 76.0 114.0#
121 0.0 24.5 36.7#

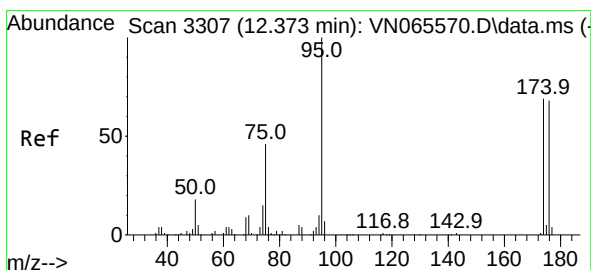
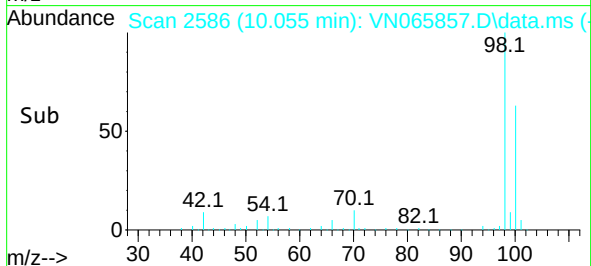
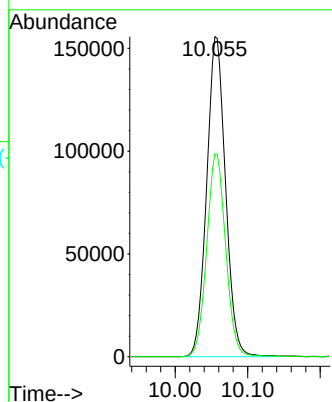
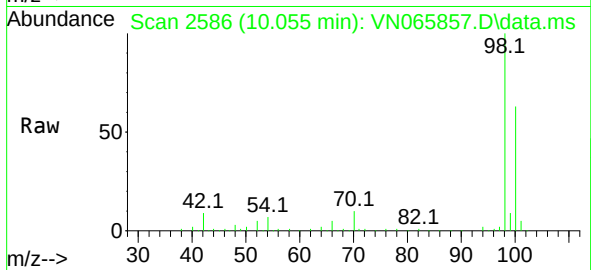




#50
Toluene-d8
Concen: 54.85 ug/l
RT: 10.055 min Scan# 2586
Delta R.T. -0.003 min
Lab File: VN065857.D
Acq: 12 Feb 2021 22:53

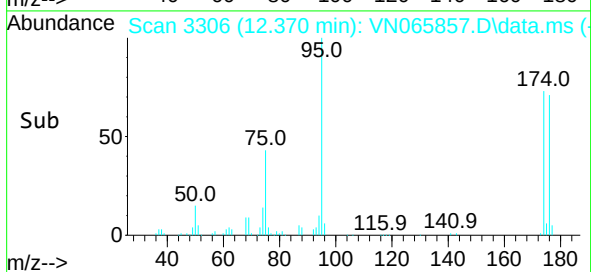
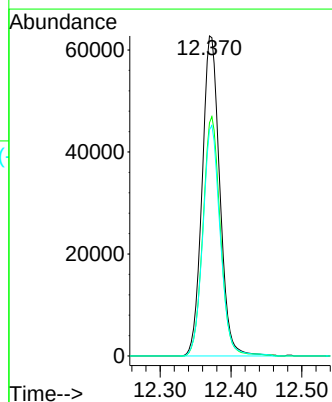
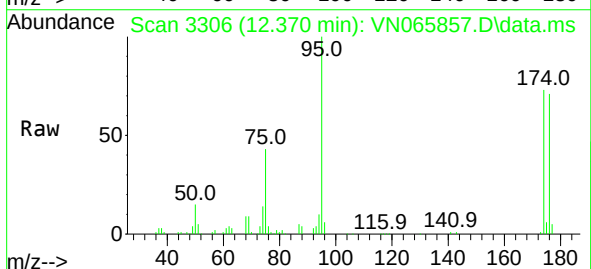
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MSVOA_N
ClientSampled :

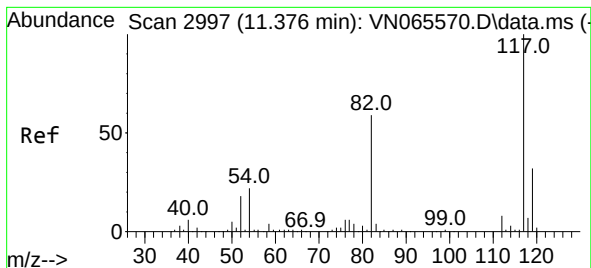
Tgt Ion: 98 Resp: 281135
Ion Ratio Lower Upper
98 100
100 63.8 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 58.75 ug/l
RT: 12.370 min Scan# 3306
Delta R.T. -0.003 min
Lab File: VN065857.D
Acq: 12 Feb 2021 22:53

Tgt Ion: 95 Resp: 108433
Ion Ratio Lower Upper
95 100
174 73.8 0.0 169.0
176 71.2 0.0 162.4

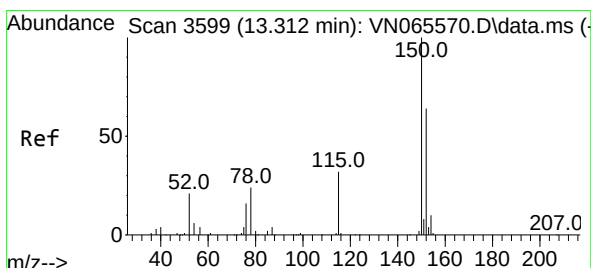
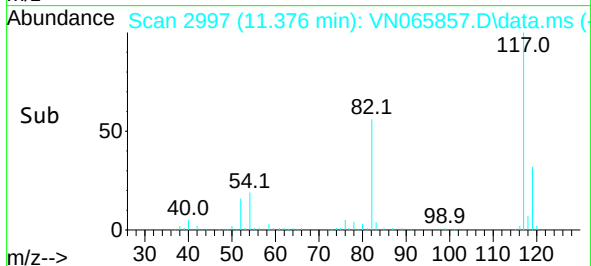
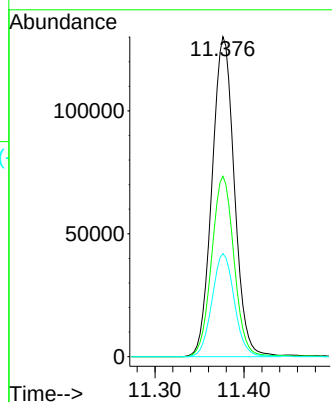
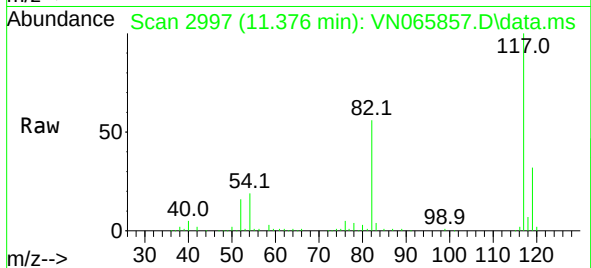




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065857.D
Acq: 12 Feb 2021 22:53

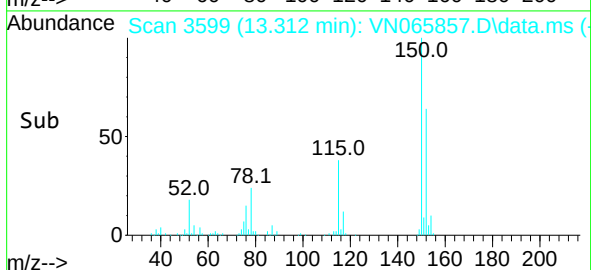
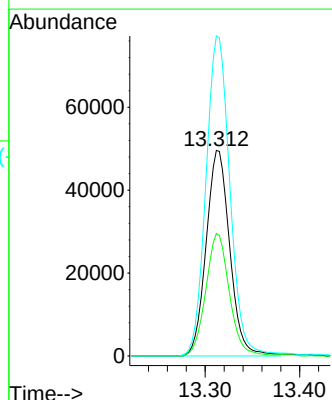
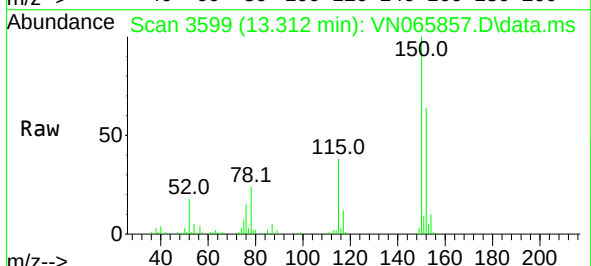
Instrument :
MSVOA_N
ClientSampleId :

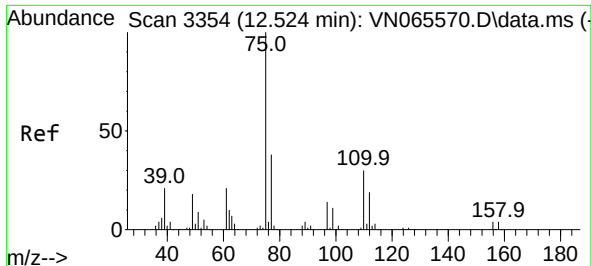
Tgt Ion:117 Resp: 226735
Ion Ratio Lower Upper
117 100
82 56.4 43.7 65.5
119 32.2 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.312 min Scan# 3599
Delta R.T. -0.000 min
Lab File: VN065857.D
Acq: 12 Feb 2021 22:53

Tgt Ion:152 Resp: 86098
Ion Ratio Lower Upper
152 100
115 59.2 28.5 85.6
150 158.3 0.0 347.6

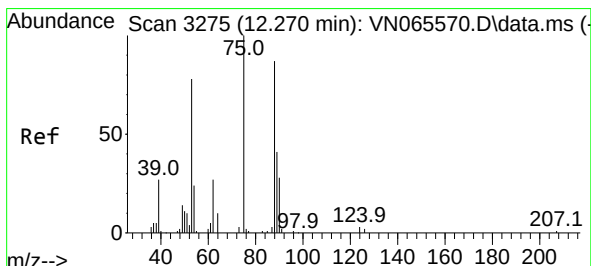
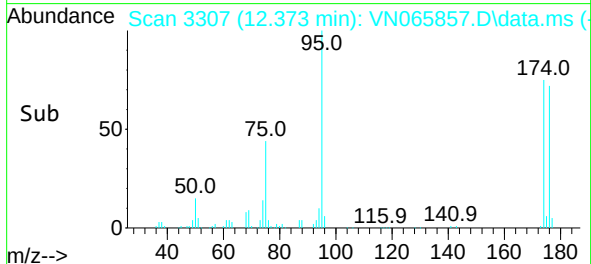
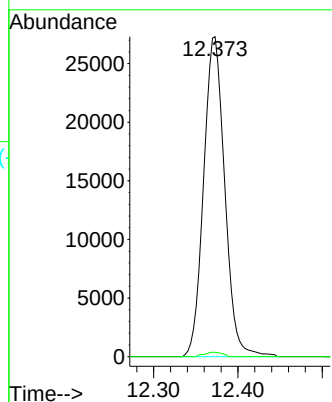
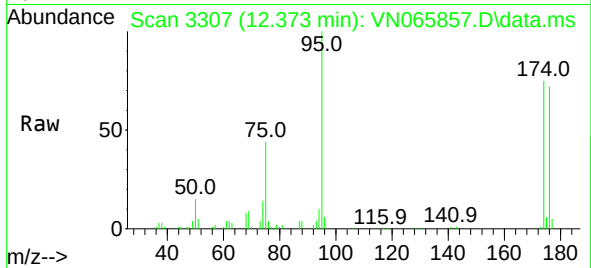




#76
1,2,3-Trichloropropane
Concen: 21.19 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065857.D
Acq: 12 Feb 2021 22:53

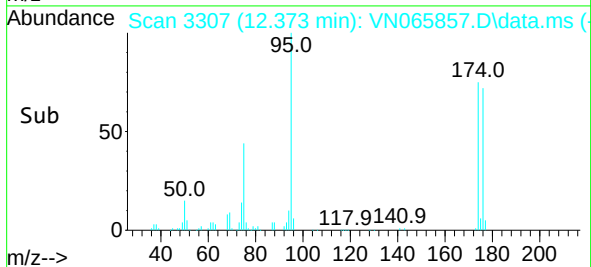
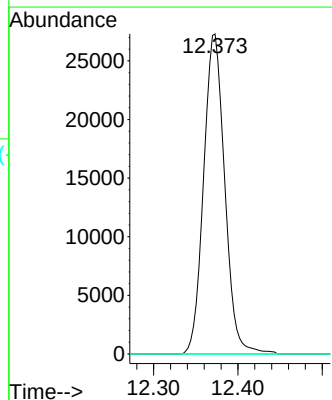
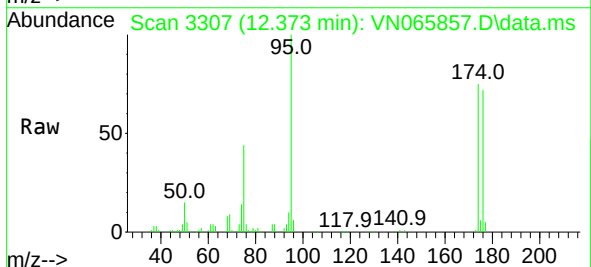
Instrument :
MSVOA_N
ClientSampleId :

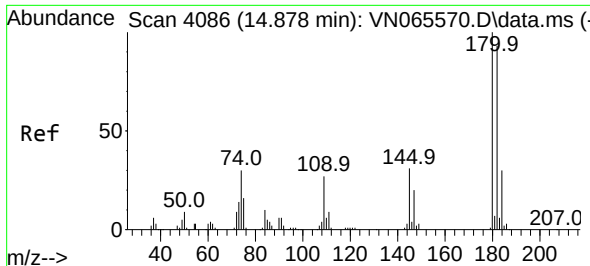
Tgt Ion: 75 Resp: 47708
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 54.28 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065857.D
Acq: 12 Feb 2021 22:53

Tgt Ion: 75 Resp: 47708
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#

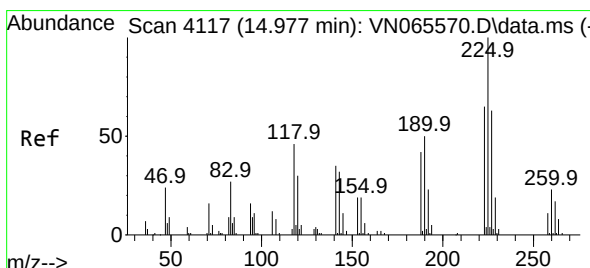
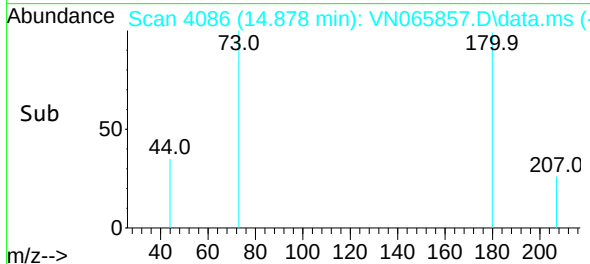
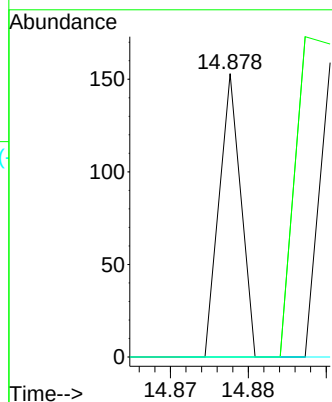
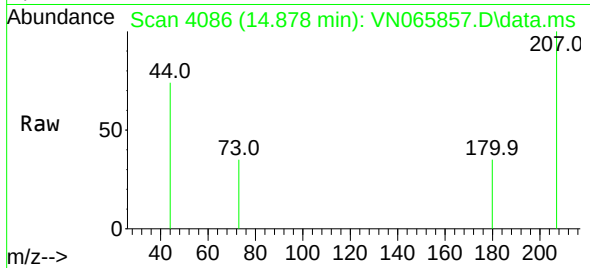




#93
1,2,4-Trichlorobenzene
Concen: 3.38 ug/l
RT: 14.878 min Scan# 4086
Delta R.T. -0.000 min
Lab File: VN065857.D
Acq: 12 Feb 2021 22:53

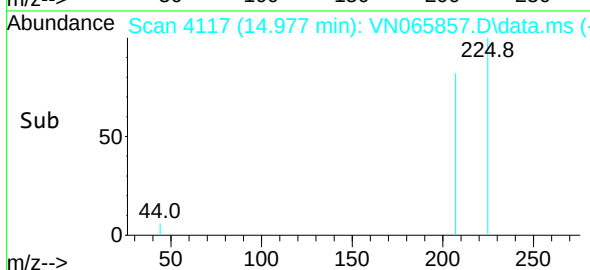
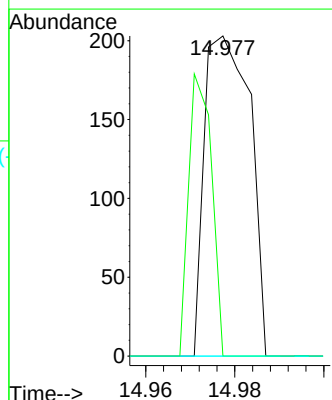
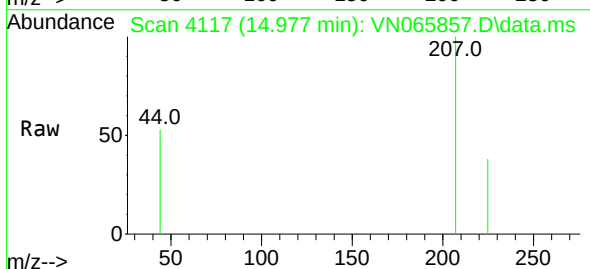
Instrument :
MSVOA_N
ClientSampleId :

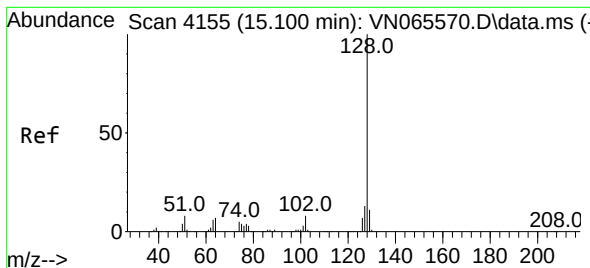
Tgt Ion:180 Resp: 30
Ion Ratio Lower Upper
180 100
182 0.0 47.3 142.0#
145 0.0 15.6 46.8#



#94
Hexachlorobutadiene
Concen: 0.42 ug/l
RT: 14.977 min Scan# 4117
Delta R.T. 0.000 min
Lab File: VN065857.D
Acq: 12 Feb 2021 22:53

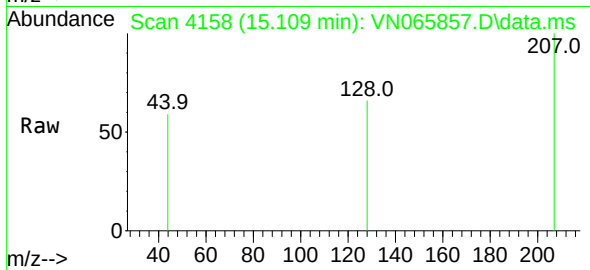
Tgt Ion:225 Resp: 144
Ion Ratio Lower Upper
225 100
223 44.4 31.9 95.9
227 0.0 31.6 95.0#



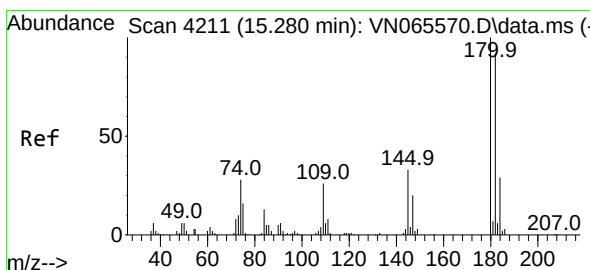
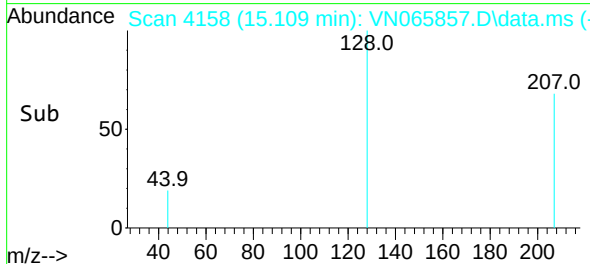
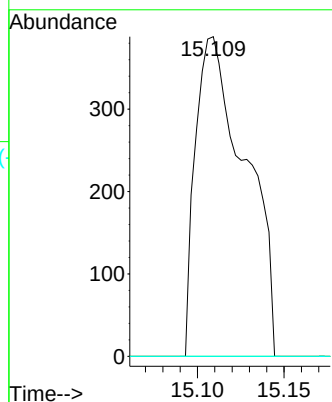


#95
Naphthalene
Concen: 3.58 ug/l
RT: 15.109 min Scan# 4158
Delta R.T. 0.009 min
Lab File: VN065857.D
Acq: 12 Feb 2021 22:53

Instrument :
MSVOA_N
ClientSampled :



Tgt Ion:128 Resp: 778
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 2.95 ug/l
RT: 15.283 min Scan# 4212
Delta R.T. 0.003 min
Lab File: VN065857.D
Acq: 12 Feb 2021 22:53

Tgt Ion:180 Resp: 198
Ion Ratio Lower Upper
180 100
182 149.5 47.4 142.3#
145 0.0 16.5 49.5#

