

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021721\
 Data File : VN065906.D
 Acq On : 17 Feb 2021 20:48
 Operator : JC/MD
 Sample : VN0217WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0217WBL01

Quant Time: Feb 18 01:47:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 17 15:48:13 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.627	168	186046	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	315221	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	286084	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	102880	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	121361	46.65	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.30%
35) Dibromofluoromethane	7.550	113	94673	48.53	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.06%
50) Toluene-d8	10.058	98	390679	48.79	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.58%
62) 4-Bromofluorobenzene	12.373	95	130697	43.47	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	86.94%

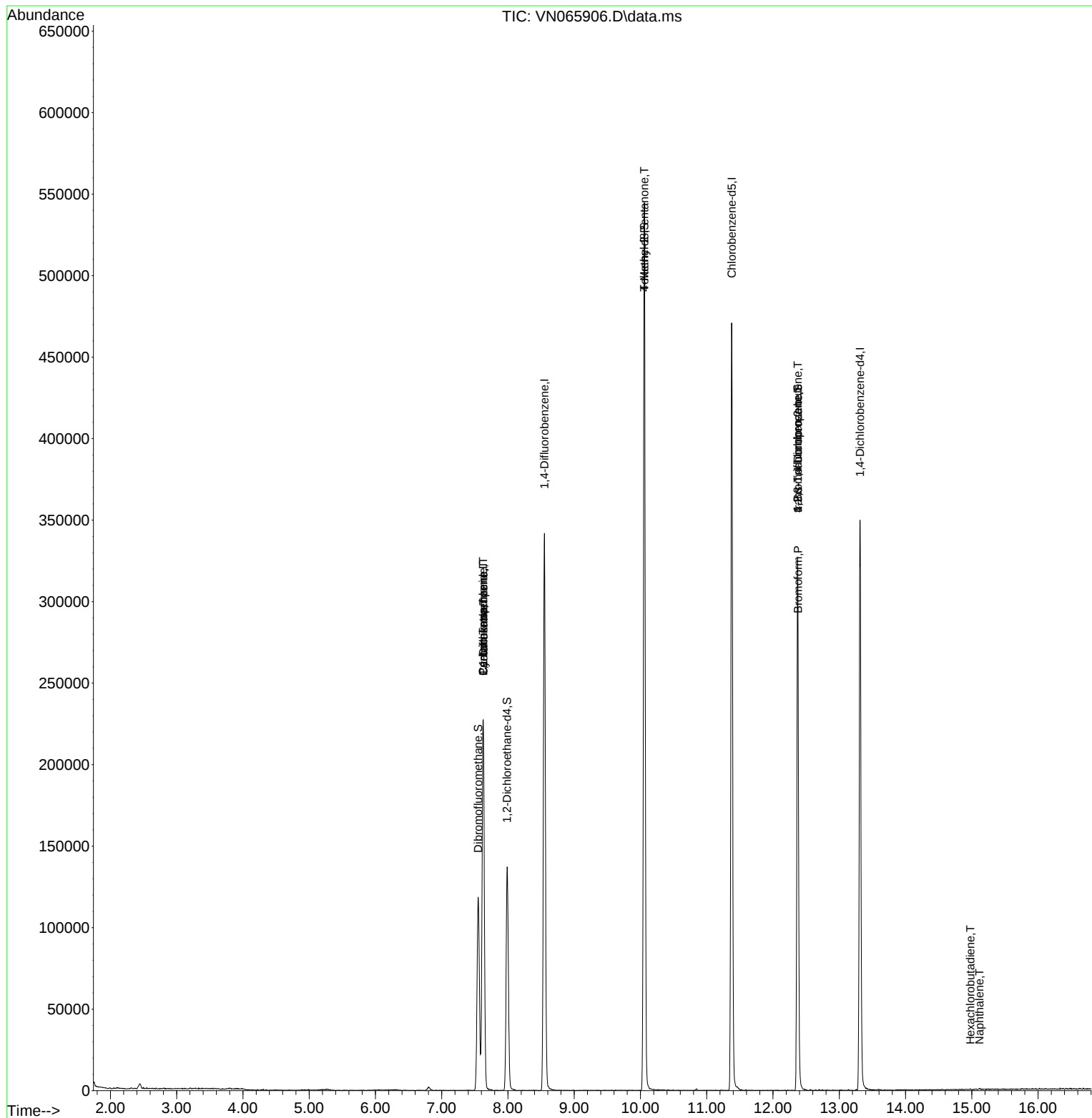
Target Compounds					Qvalue
16) Acetone	3.782	43	311	Below Cal	# 41
31) Cyclohexane	7.627	56	3762	0.97 ug/l	# 1
36) 1,1-Dichloropropene	7.624	75	14365	4.62 ug/l	# 48
38) Carbon Tetrachloride	7.624	117	18357	6.35 ug/l	# 18
51) 4-Methyl-2-Pentanone	10.058	43	1515	0.56 ug/l	# 1
71) Bromoform	12.379	173	216	2.63 ug/l	# 1
76) 1,2,3-Trichloropropane	12.373	75	62740	25.39 ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.373	75	62740	80.90 ug/l	# 12
94) Hexachlorobutadiene	14.981	225	170	0.21 ug/l	# 57
95) Naphthalene	15.116	128	567	3.15 ug/l	# 69

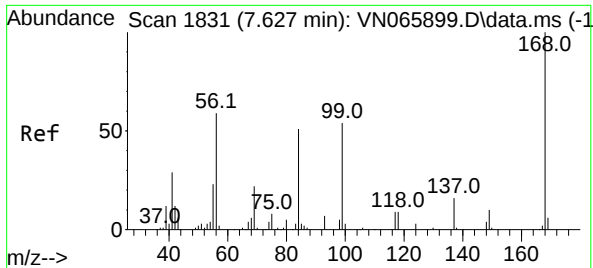
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Time: Feb 18 01:47:03 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 17 15:48:13 2021
Response via : Initial Calibration

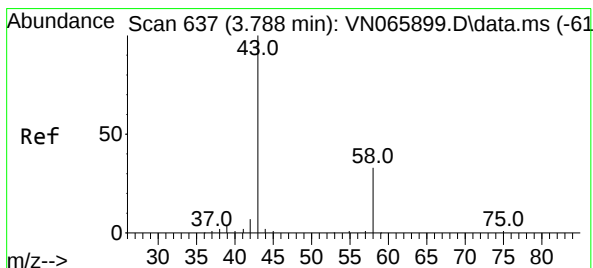
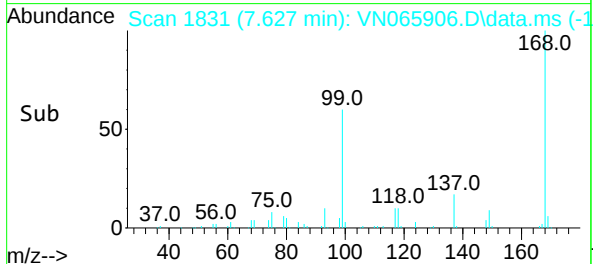
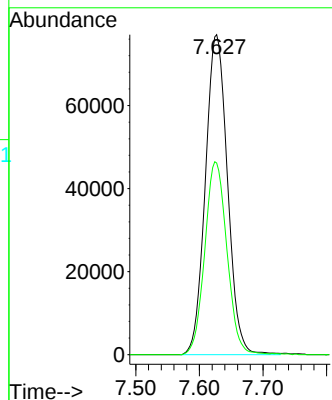
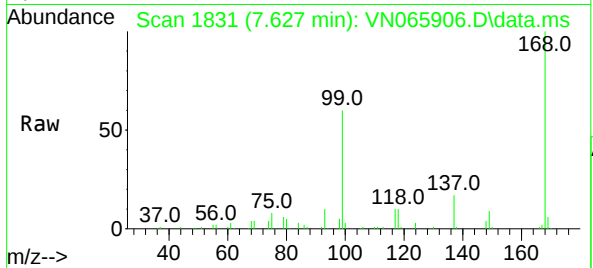




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065906.D
Acq: 17 Feb 2021 20:48

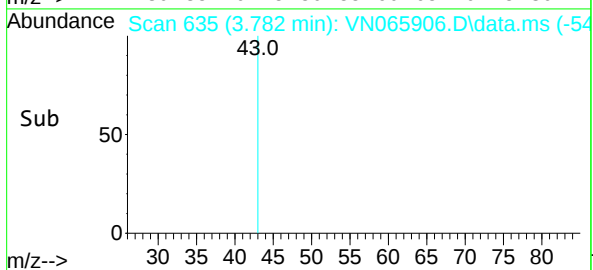
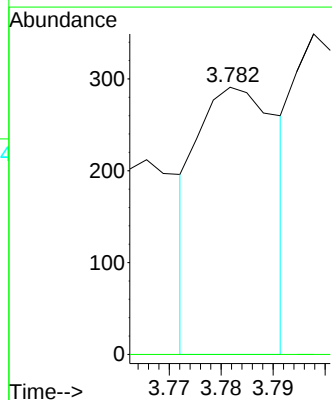
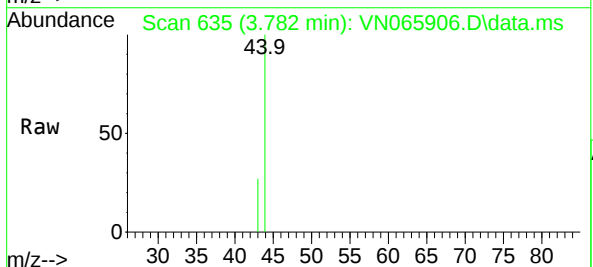
Instrument :
MSVOA_N
ClientSampleId :
VN0217WBL01

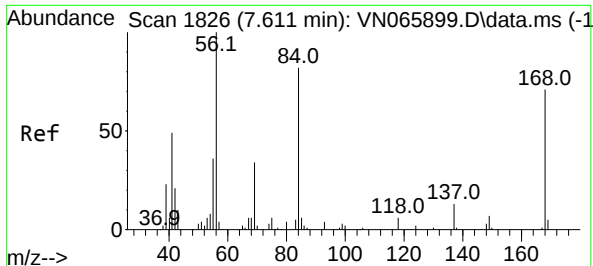
Tgt Ion:168 Resp: 186046
Ion Ratio Lower Upper
168 100
99 59.9 42.6 63.8



#16
Acetone
Concen: Below Cal
RT: 3.782 min Scan# 635
Delta R.T. -0.006 min
Lab File: VN065906.D
Acq: 17 Feb 2021 20:48

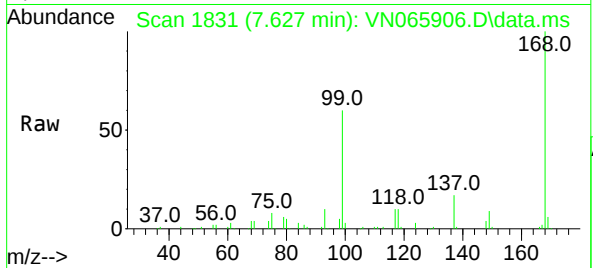
Tgt Ion: 43 Resp: 311
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.6#



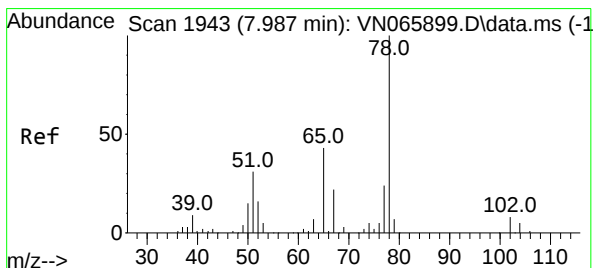
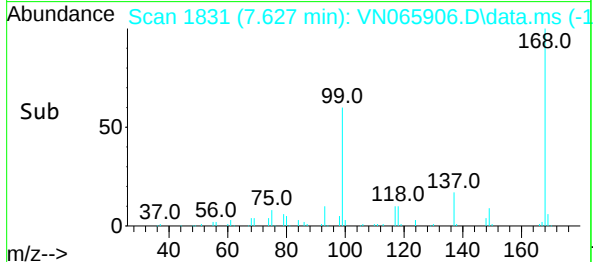
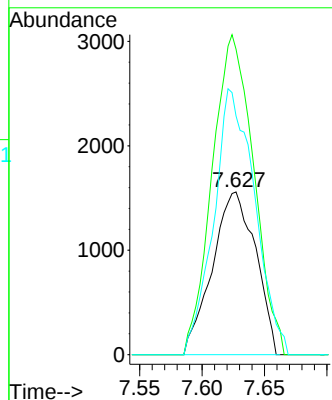


#31
Cyclohexane
Concen: 0.97 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.016 min
Lab File: VN065906.D
Acq: 17 Feb 2021 20:48

Instrument :
MSVOA_N
ClientSampleId :
VN0217WBL01

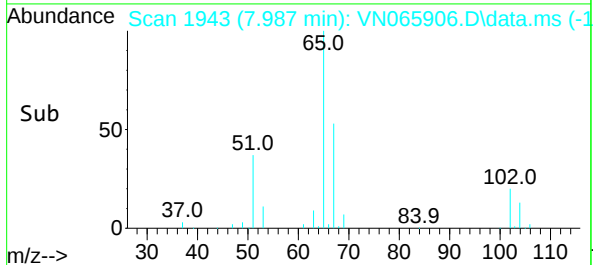
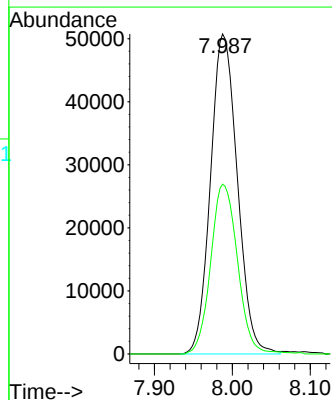
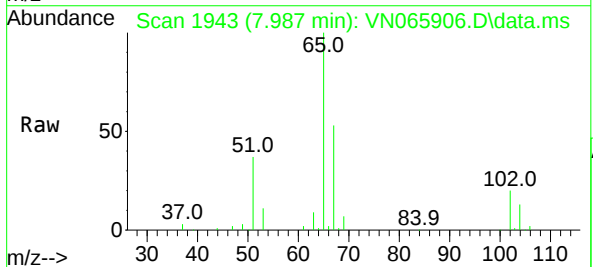


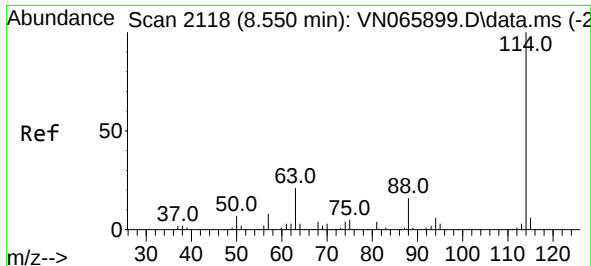
Tgt Ion: 56 Resp: 3762
Ion Ratio Lower Upper
56 100
69 187.7 26.6 39.8#
84 146.7 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 46.65 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065906.D
Acq: 17 Feb 2021 20:48

Tgt Ion: 65 Resp: 121361
Ion Ratio Lower Upper
65 100
67 53.0 0.0 107.2

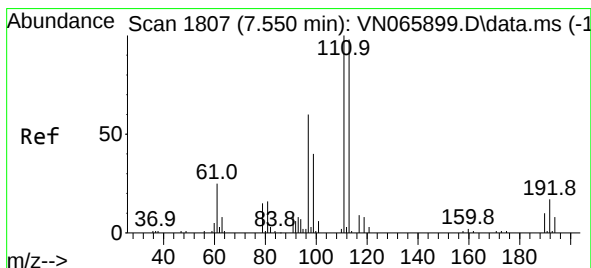
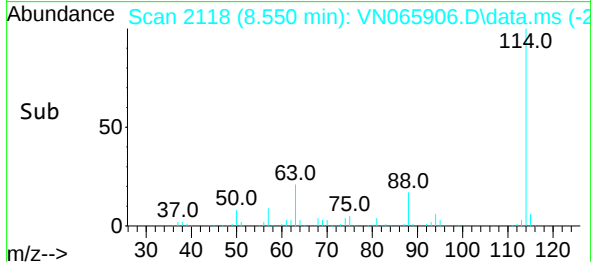
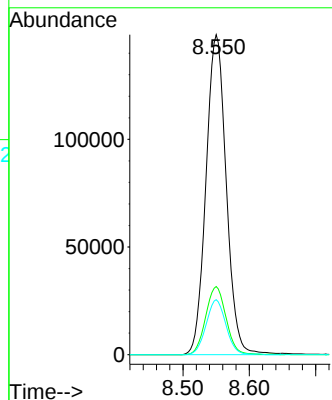
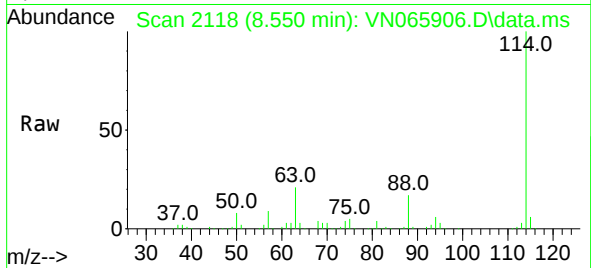




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065906.D
Acq: 17 Feb 2021 20:48

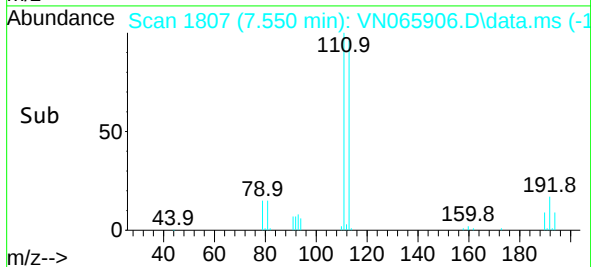
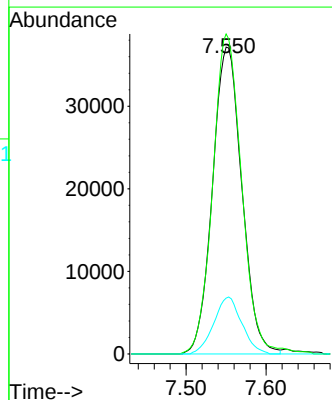
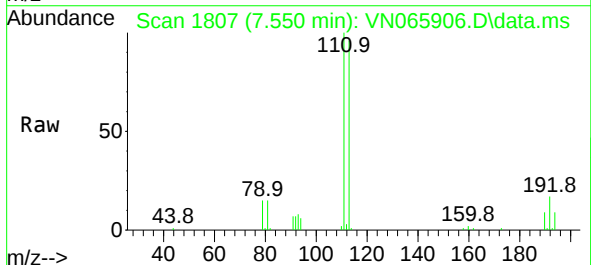
Instrument :
MSVOA_N
ClientSampleId :
VN0217WBL01

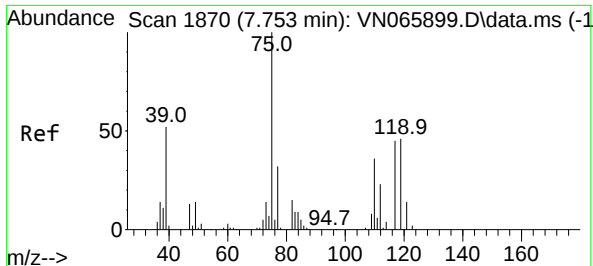
Tgt Ion:114	Resp:	315221
Ion	Ratio	Lower Upper
114	100	
63	21.3	0.0 38.6
88	17.2	0.0 30.6



#35
Dibromofluoromethane
Concen: 48.53 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN065906.D
Acq: 17 Feb 2021 20:48

Tgt Ion:113	Resp:	94673
Ion	Ratio	Lower Upper
113	100	
111	102.9	82.2 123.2
192	17.7	15.4 23.0



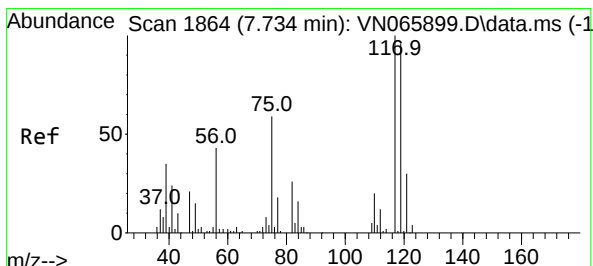
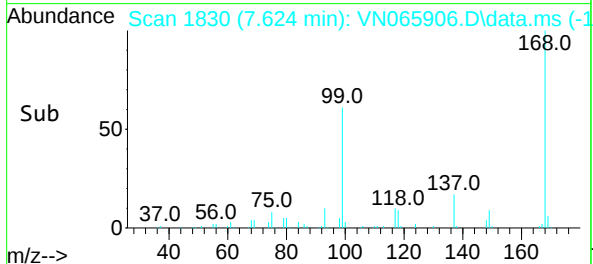
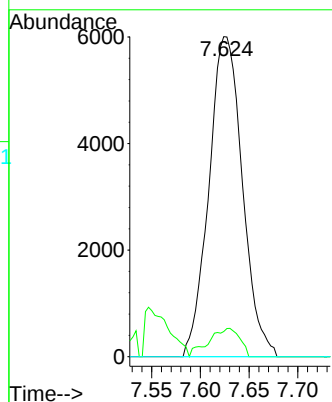
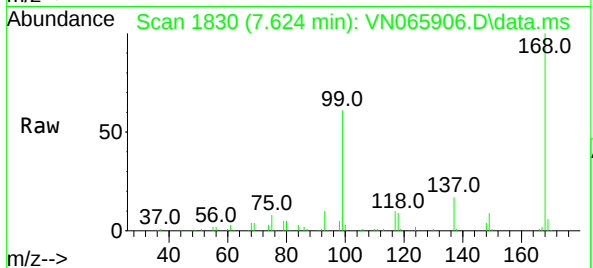


#36

1,1-Dichloropropene
Concen: 4.62 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.129 min
Lab File: VN065906.D
Acq: 17 Feb 2021 20:48

Instrument :
MSVOA_N
ClientSampleId :
VN0217WBL01

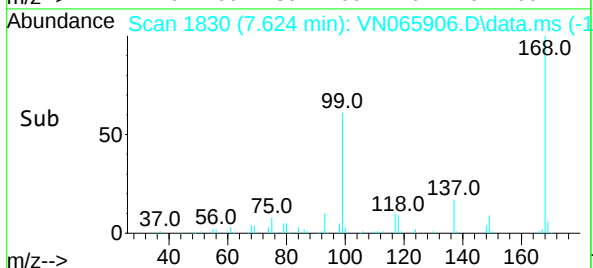
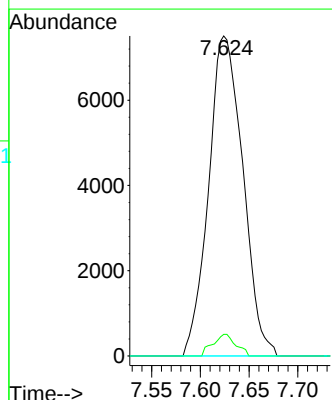
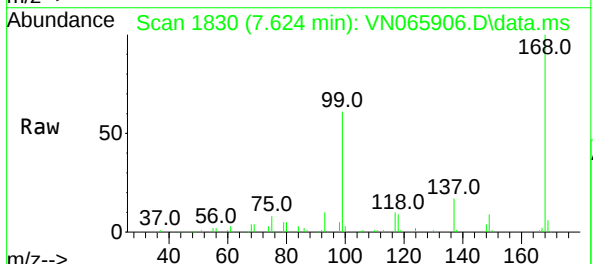
Tgt Ion: 75 Resp: 14365
Ion Ratio Lower Upper
75 100
110 8.1 18.2 54.6#
77 0.0 24.9 37.3#

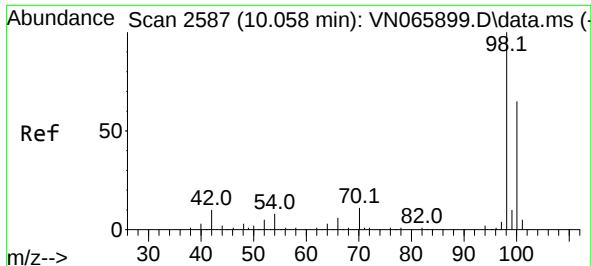


#38

Carbon Tetrachloride
Concen: 6.35 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.110 min
Lab File: VN065906.D
Acq: 17 Feb 2021 20:48

Tgt Ion: 117 Resp: 18357
Ion Ratio Lower Upper
117 100
119 6.8 76.0 114.0#
121 0.0 24.5 36.7#

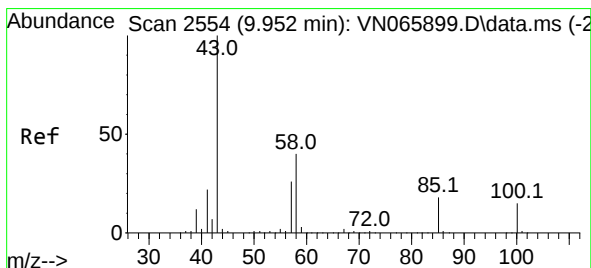
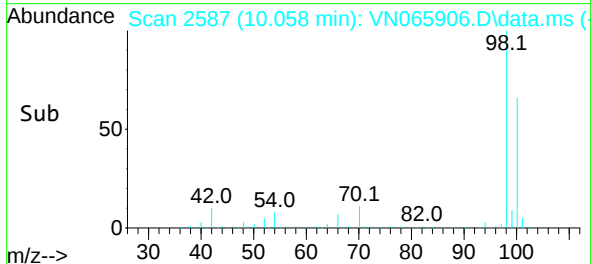
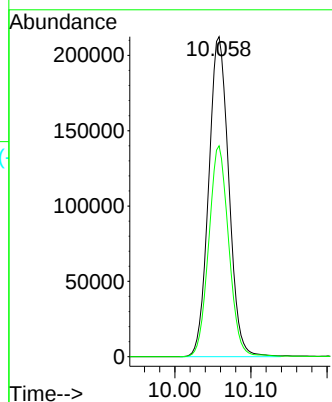
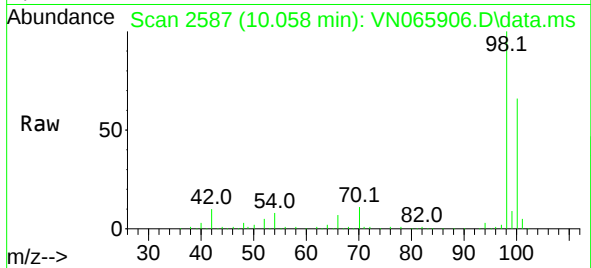




#50
Toluene-d8
Concen: 48.79 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN065906.D
Acq: 17 Feb 2021 20:48

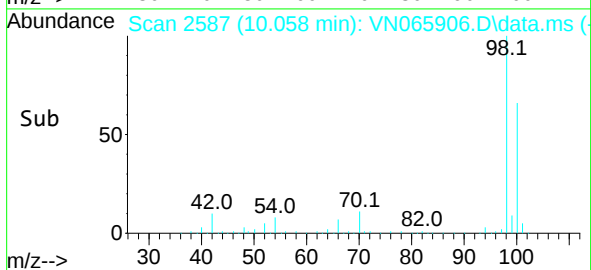
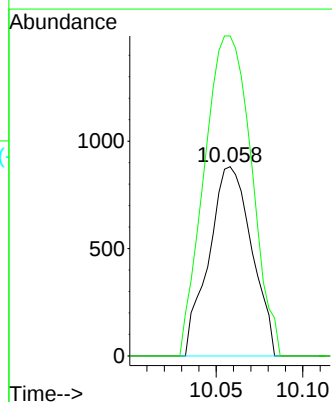
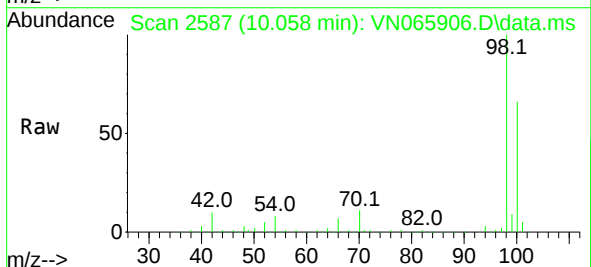
Instrument :
MSVOA_N
ClientSampled :
VN0217WBL01

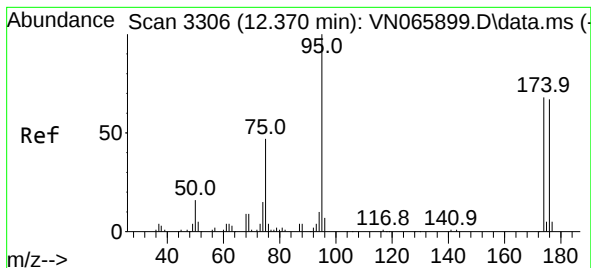
Tgt Ion: 98 Resp: 390679
Ion Ratio Lower Upper
98 100
100 65.4 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 0.56 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.106 min
Lab File: VN065906.D
Acq: 17 Feb 2021 20:48

Tgt Ion: 43 Resp: 1515
Ion Ratio Lower Upper
43 100
58 186.2 32.5 48.7#

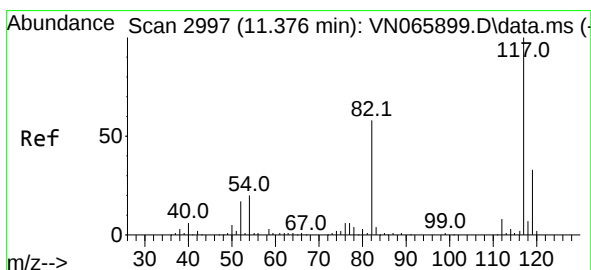
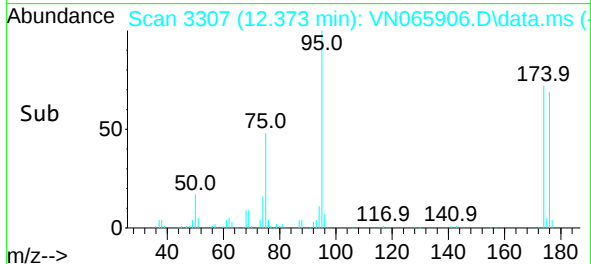
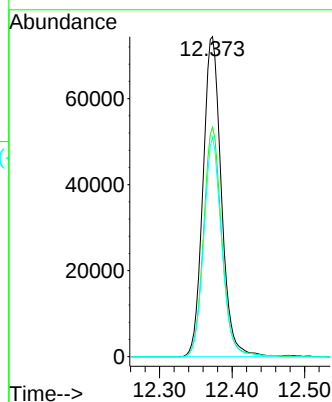
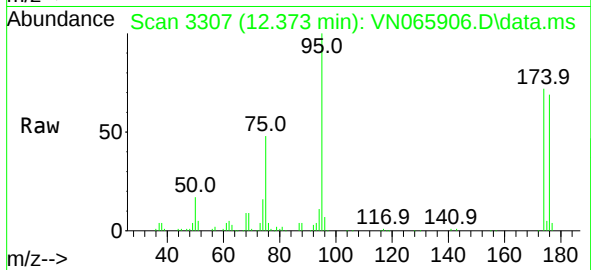




#62
4-Bromofluorobenzene
Concen: 43.47 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN065906.D
Acq: 17 Feb 2021 20:48

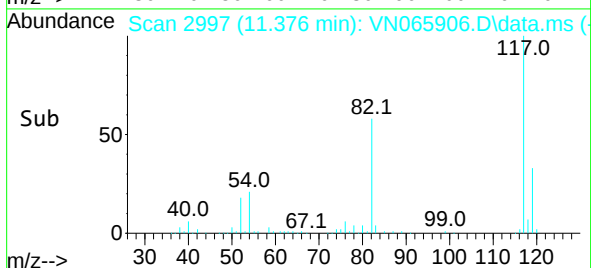
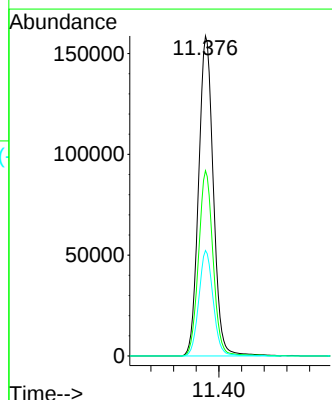
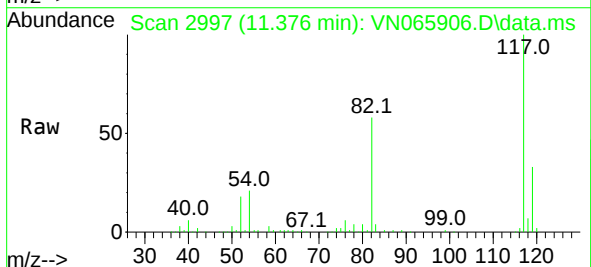
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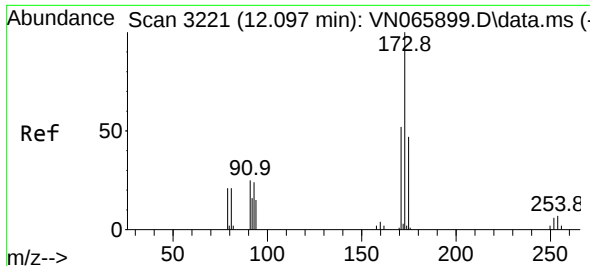
Tgt Ion: 95 Resp: 130697
Ion Ratio Lower Upper
95 100
174 71.1 0.0 169.0
176 67.6 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065906.D
Acq: 17 Feb 2021 20:48

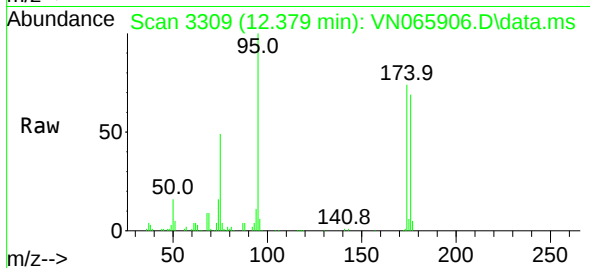
Tgt Ion: 117 Resp: 286084
Ion Ratio Lower Upper
117 100
82 57.9 43.7 65.5
119 33.0 26.1 39.1



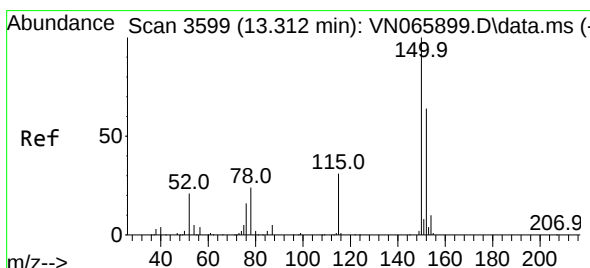
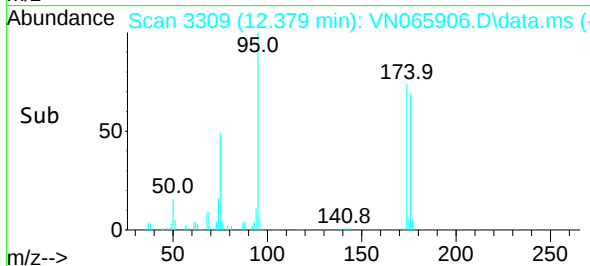
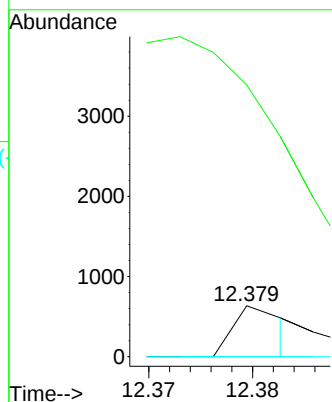


#71
Bromoform
Concen: 2.63 ug/l
RT: 12.379 min Scan# 3309
Delta R.T. 0.282 min
Lab File: VN065906.D
Acq: 17 Feb 2021 20:48

Instrument :
MSVOA_N
ClientSampleId :
VN0217WBL01

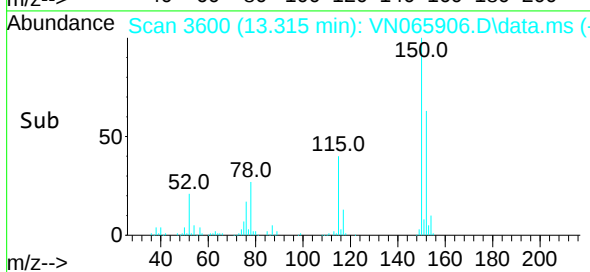
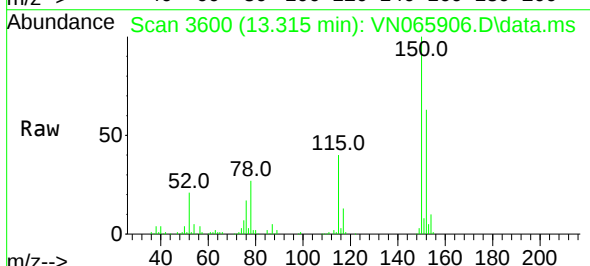
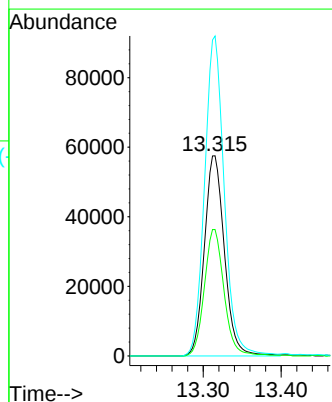


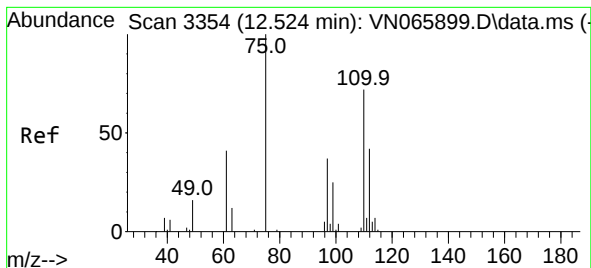
Tgt Ion:173 Resp: 216
Ion Ratio Lower Upper
173 100
175 2675.5 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065906.D
Acq: 17 Feb 2021 20:48

Tgt Ion:152 Resp: 102880
Ion Ratio Lower Upper
152 100
115 61.9 28.5 85.6
150 157.0 0.0 347.6

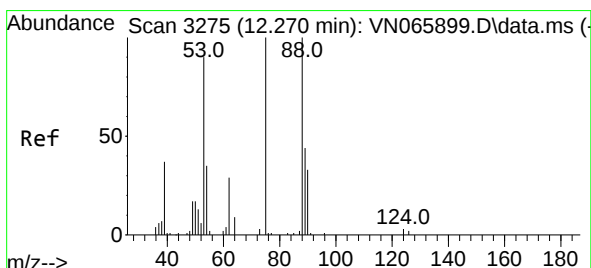
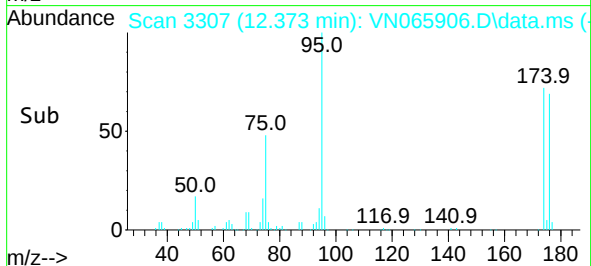
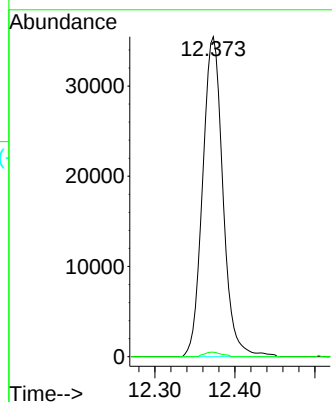
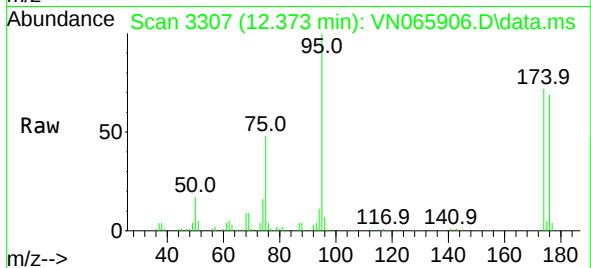




#76
1,2,3-Trichloropropane
Concen: 25.39 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065906.D
Acq: 17 Feb 2021 20:48

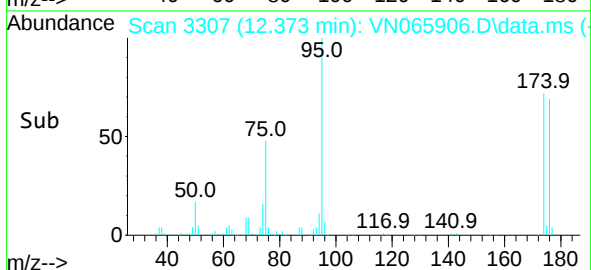
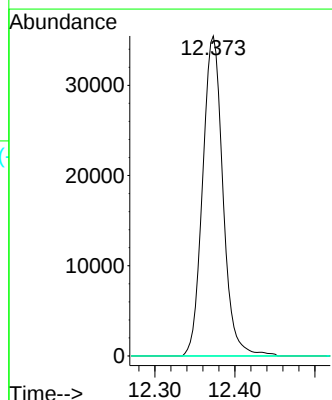
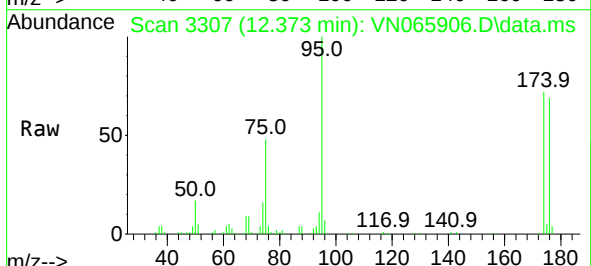
Instrument :
MSVOA_N
ClientSampleId :
VN0217WBL01

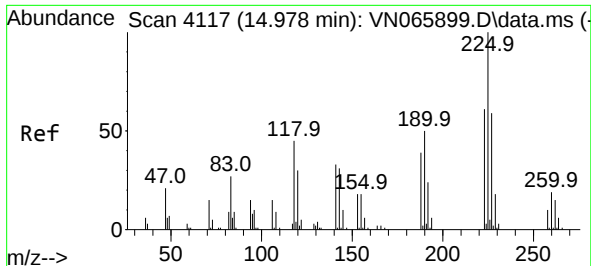
Tgt Ion: 75 Resp: 62740
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.90 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065906.D
Acq: 17 Feb 2021 20:48

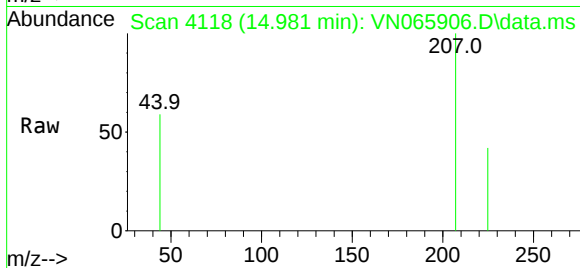
Tgt Ion: 75 Resp: 62740
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#



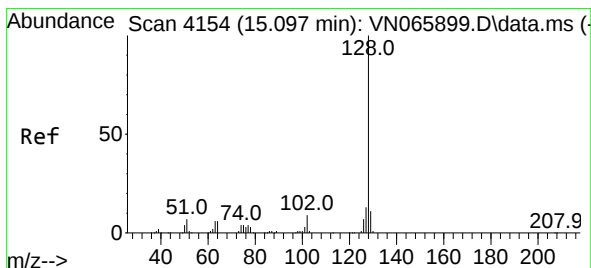
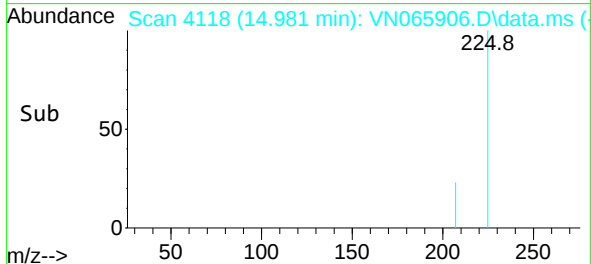
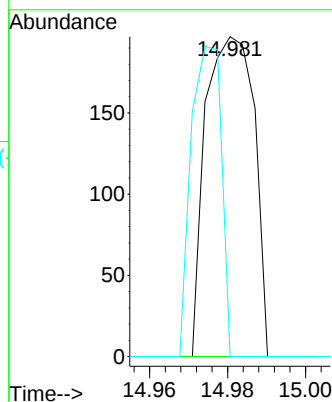


#94
Hexachlorobutadiene
Concen: 0.21 ug/l
RT: 14.981 min Scan# 4118
Delta R.T. 0.003 min
Lab File: VN065906.D
Acq: 17 Feb 2021 20:48

Instrument :
MSVOA_N
ClientSampleId :
VN0217WBL01



Tgt Ion:225 Resp: 170
Ion Ratio Lower Upper
225 100
223 0.0 31.9 95.9#
227 60.0 31.6 95.0



#95
Naphthalene
Concen: 3.15 ug/l
RT: 15.116 min Scan# 4160
Delta R.T. 0.019 min
Lab File: VN065906.D
Acq: 17 Feb 2021 20:48

Tgt Ion:128 Resp: 567
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

