

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020821\
 Data File : VN065757.D
 Acq On : 8 Feb 2021 16:01
 Operator : JC/MD
 Sample : M1335-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 09 00:41:03 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	189653	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	318085	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	284051	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	98229	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	109337	43.82	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	87.64%
35) Dibromofluoromethane	7.550	113	91721	48.66	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.32%
50) Toluene-d8	10.058	98	395946	53.44	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.88%
62) 4-Bromofluorobenzene	12.373	95	124543	46.68	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	93.36%

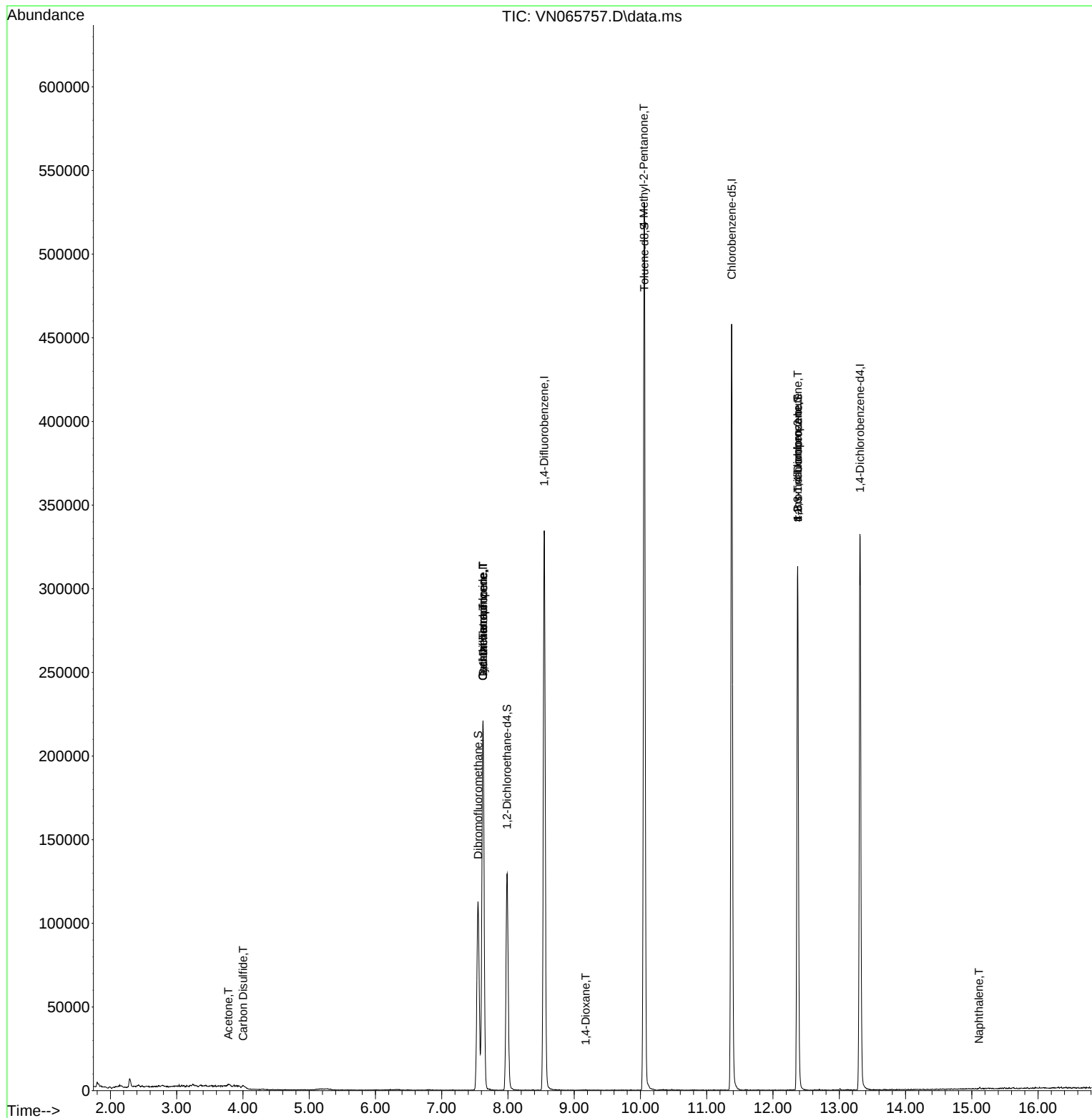
Target Compounds						Qvalue
16) Acetone	3.779	43	1005	1.03	ug/l #	73
17) Carbon Disulfide	4.004	76	3614	0.50	ug/l #	90
31) Cyclohexane	7.621	56	3225	0.69	ug/l #	1
36) 1,1-Dichloropropene	7.624	75	14016	4.38	ug/l #	46
38) Carbon Tetrachloride	7.621	117	17403	6.60	ug/l #	17
49) 1,4-Dioxane	9.174	88	225	5.38	ug/l #	26
51) 4-Methyl-2-Pentanone	10.052	43	1475	0.49	ug/l #	1
76) 1,2,3-Trichloropropane	12.373	75	56023	21.81	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	56023	55.86	ug/l #	12
95) Naphthalene	15.109	128	621	3.54	ug/l #	69

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

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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

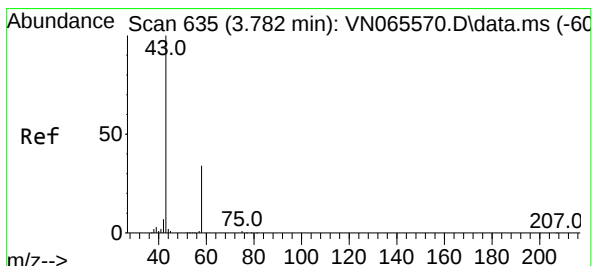
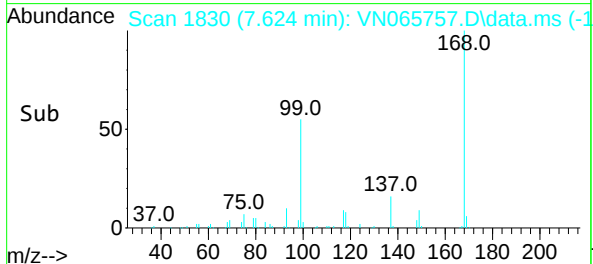
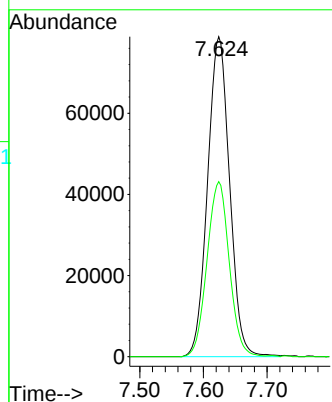
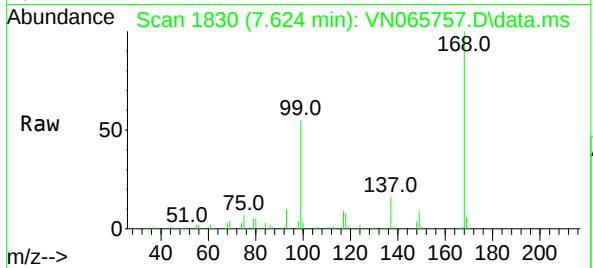




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN065757.D
Acq: 8 Feb 2021 16:01

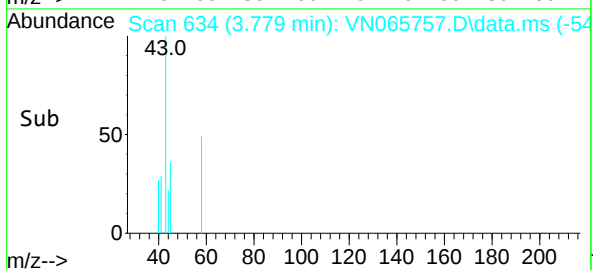
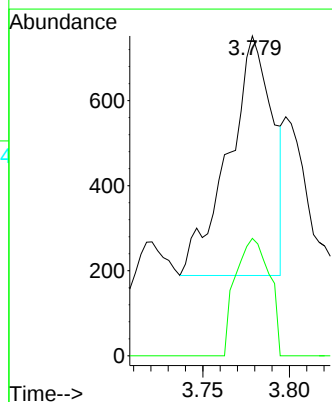
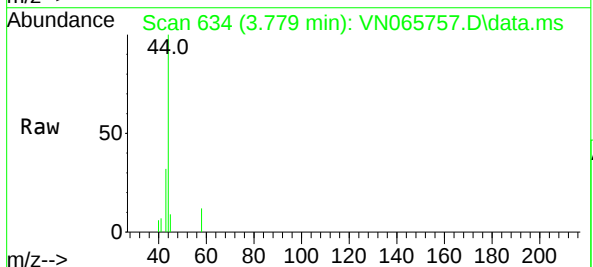
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ClientSampled :

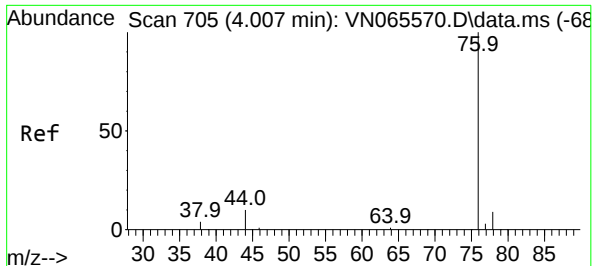
Tgt Ion:168 Resp: 189653
Ion Ratio Lower Upper
168 100
99 54.7 42.6 63.8



#16
Acetone
Concen: 1.03 ug/l
RT: 3.779 min Scan# 634
Delta R.T. -0.003 min
Lab File: VN065757.D
Acq: 8 Feb 2021 16:01

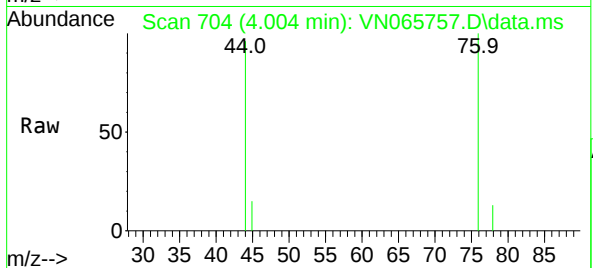
Tgt Ion: 43 Resp: 1005
Ion Ratio Lower Upper
43 100
58 49.0 27.0 40.6#



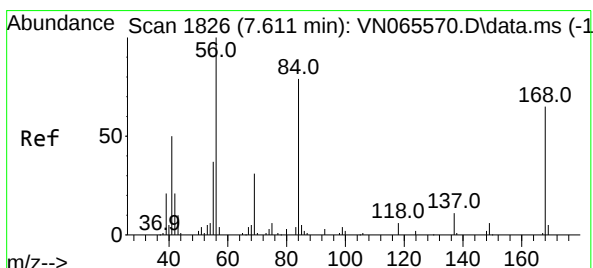
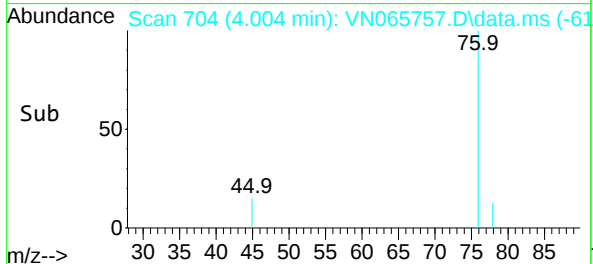
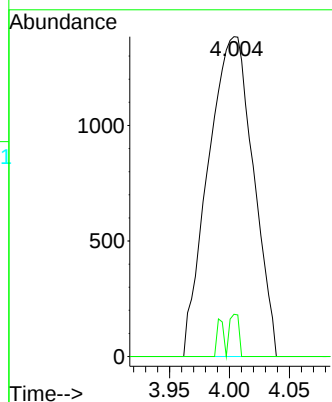


#17
Carbon Disulfide
Concen: 0.50 ug/l
RT: 4.004 min Scan# 704
Delta R.T. -0.003 min
Lab File: VN065757.D
Acq: 8 Feb 2021 16:01

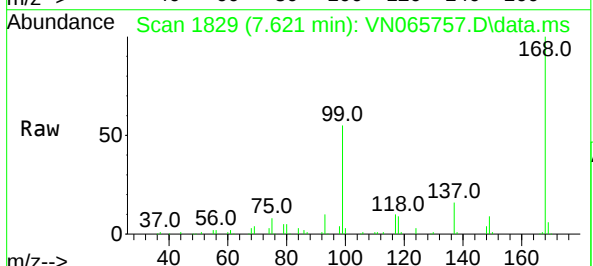
Instrument :
MSVOA_N
ClientSampled :



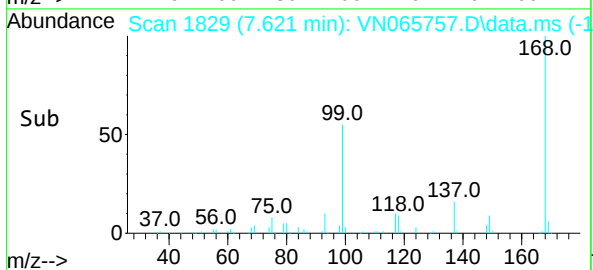
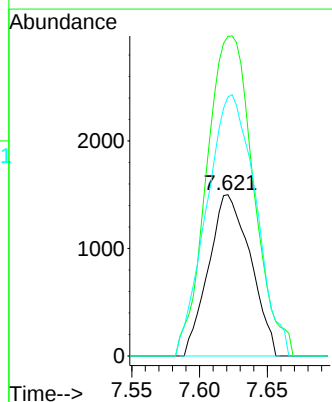
Tgt Ion: 76 Resp: 3614
Ion Ratio Lower Upper
76 100
78 13.2 7.8 11.6#

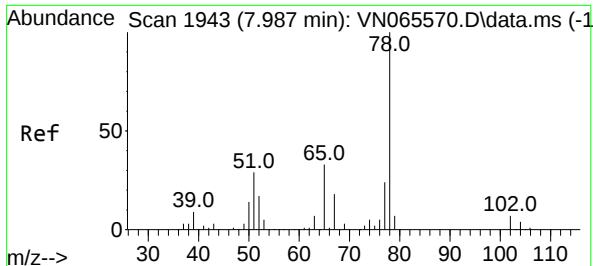


#31
Cyclohexane
Concen: 0.69 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. 0.010 min
Lab File: VN065757.D
Acq: 8 Feb 2021 16:01



Tgt Ion: 56 Resp: 3225
Ion Ratio Lower Upper
56 100
69 186.0 26.6 39.8#
84 149.2 70.4 105.6#

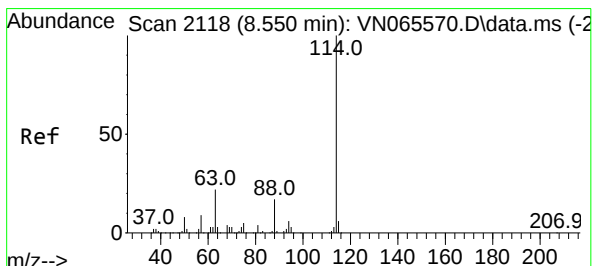
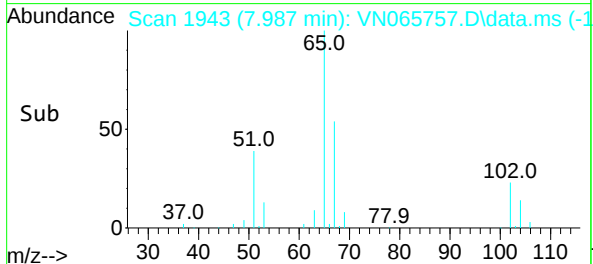
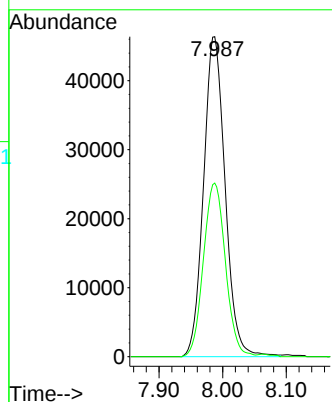
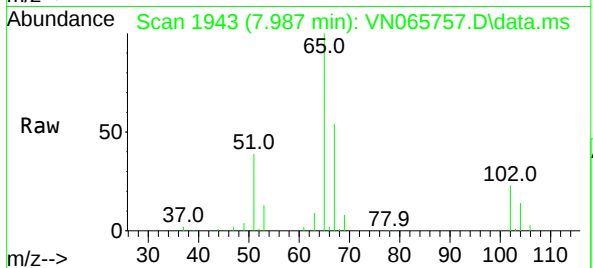




#33
1,2-Dichloroethane-d4
Concen: 43.82 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065757.D
Acq: 8 Feb 2021 16:01

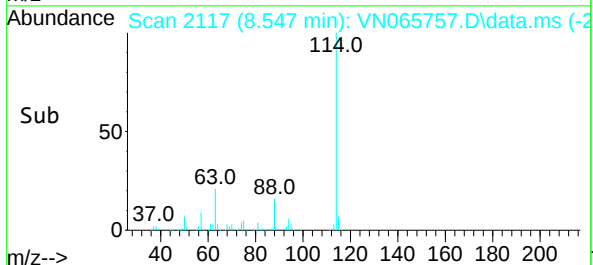
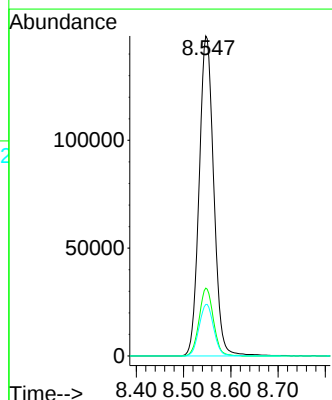
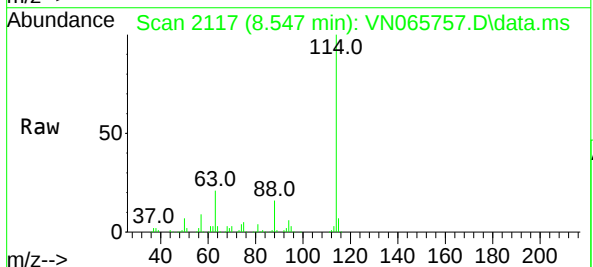
Instrument :
MSVOA_N
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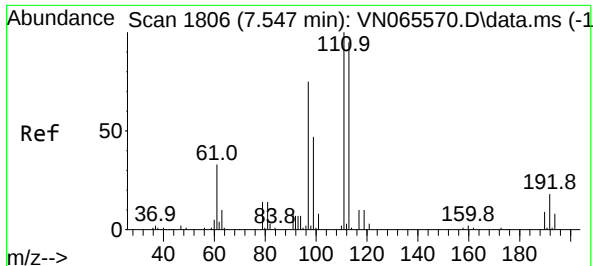
Tgt Ion: 65 Resp: 109337
Ion Ratio Lower Upper
65 100
67 55.3 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VN065757.D
Acq: 8 Feb 2021 16:01

Tgt Ion: 114 Resp: 318085
Ion Ratio Lower Upper
114 100
63 21.2 0.0 38.6
88 16.1 0.0 30.6

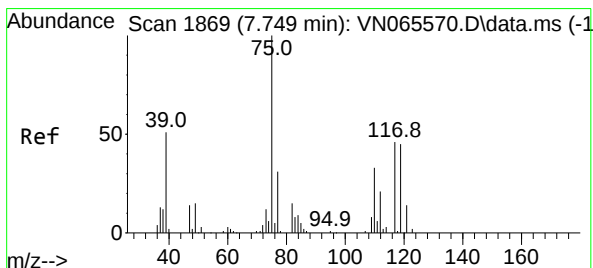
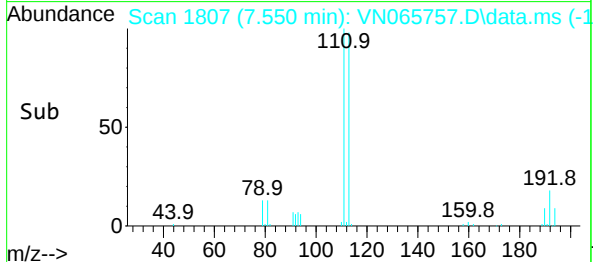
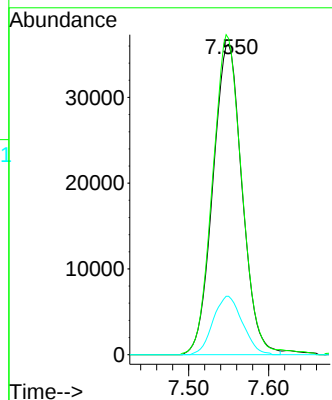
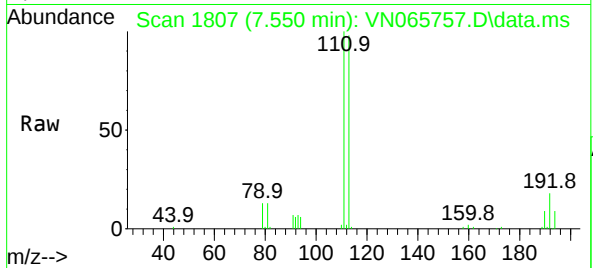




#35
Dibromofluoromethane
Concen: 48.66 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VN065757.D
Acq: 8 Feb 2021 16:01

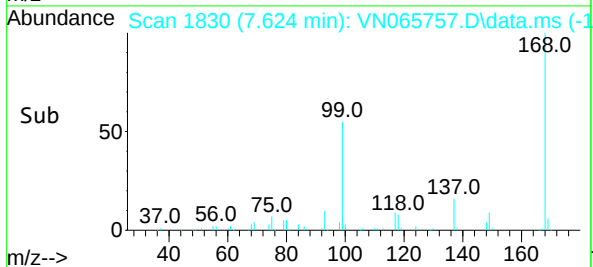
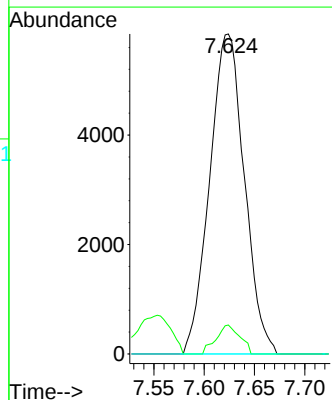
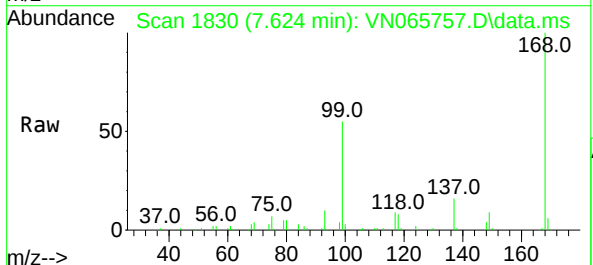
Instrument :
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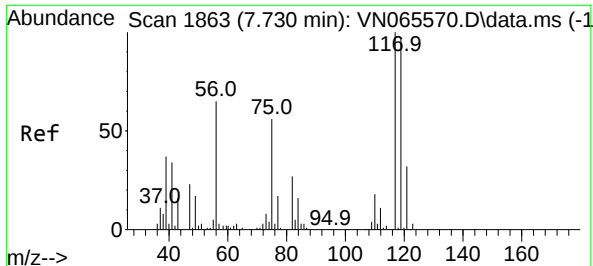
Tgt Ion:113 Resp: 91721
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 18.9 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.38 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.125 min
Lab File: VN065757.D
Acq: 8 Feb 2021 16:01

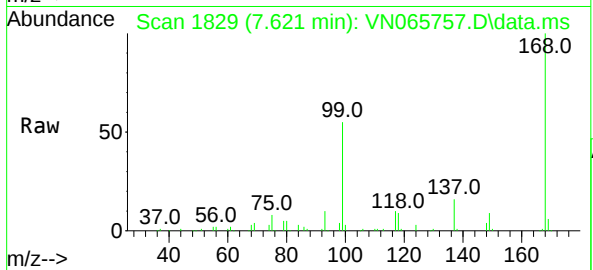
Tgt Ion: 75 Resp: 14016
Ion Ratio Lower Upper
75 100
110 6.2 18.2 54.6#
77 0.0 24.9 37.3#



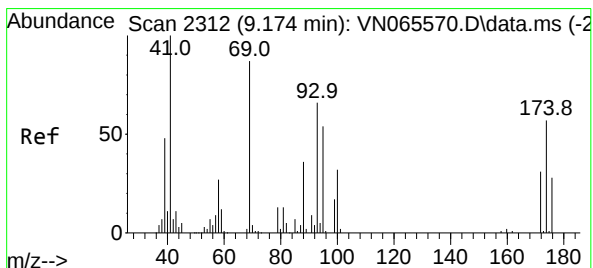
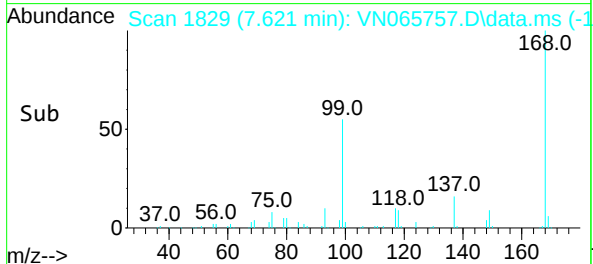
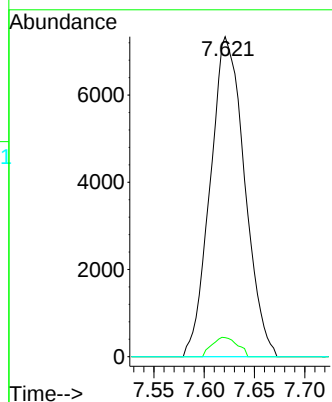


#38
Carbon Tetrachloride
Concen: 6.60 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.109 min
Lab File: VN065757.D
Acq: 8 Feb 2021 16:01

Instrument :
MSVOA_N
ClientSampled :

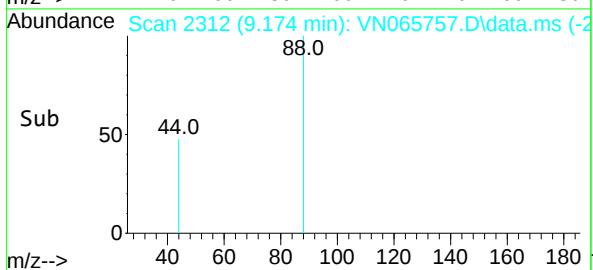
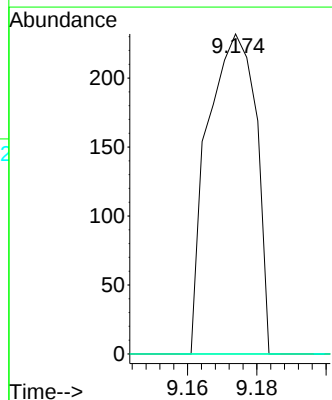
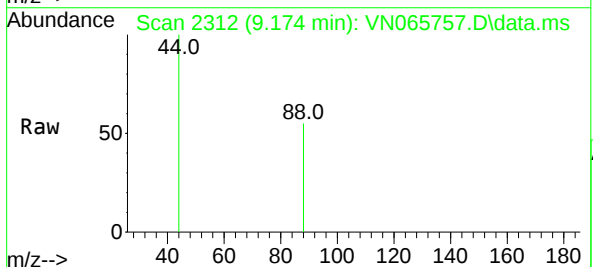


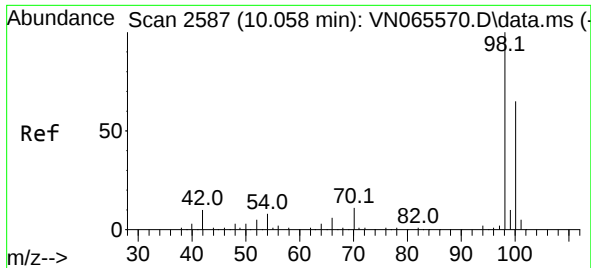
Tgt Ion:117 Resp: 17403
Ion Ratio Lower Upper
117 100
119 5.9 76.0 114.0#
121 0.0 24.5 36.7#



#49
1,4-Dioxane
Concen: 5.38 ug/l
RT: 9.174 min Scan# 2312
Delta R.T. -0.000 min
Lab File: VN065757.D
Acq: 8 Feb 2021 16:01

Tgt Ion: 88 Resp: 225
Ion Ratio Lower Upper
88 100
43 0.0 24.7 37.1#
58 0.0 52.6 78.8#

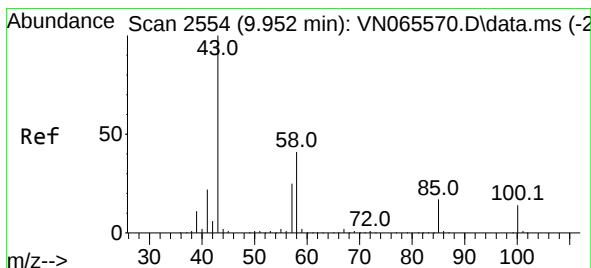
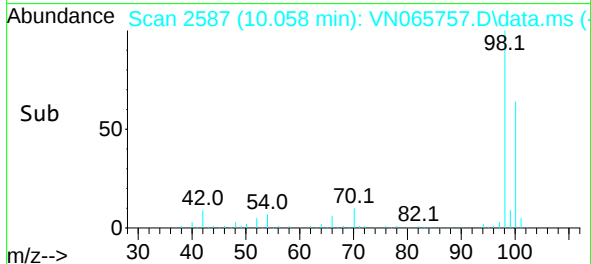
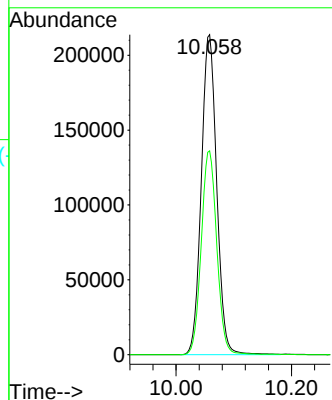
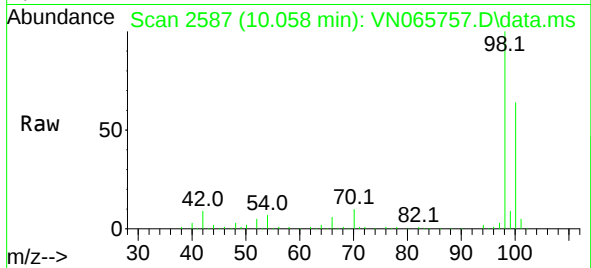




#50
Toluene-d8
Concen: 53.44 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065757.D
Acq: 8 Feb 2021 16:01

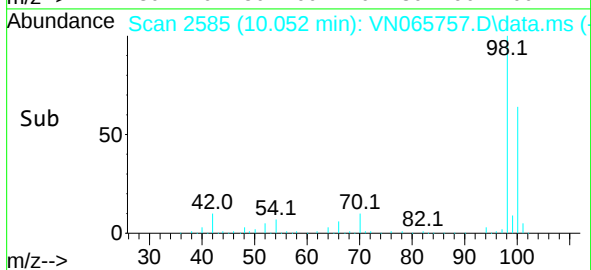
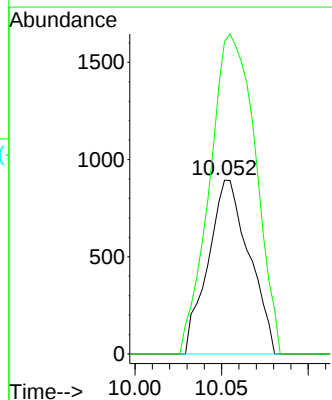
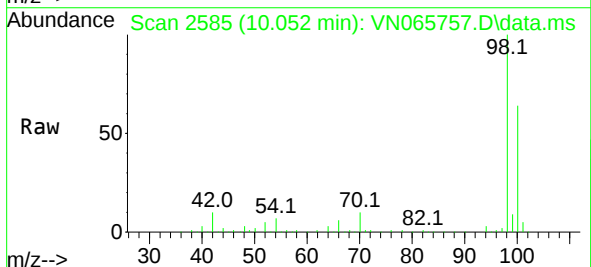
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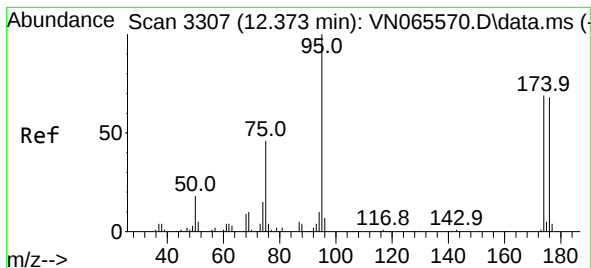
Tgt Ion: 98 Resp: 395946
Ion Ratio Lower Upper
98 100
100 64.3 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 0.49 ug/l
RT: 10.052 min Scan# 2585
Delta R.T. 0.100 min
Lab File: VN065757.D
Acq: 8 Feb 2021 16:01

Tgt Ion: 43 Resp: 1475
Ion Ratio Lower Upper
43 100
58 204.9 32.5 48.7#

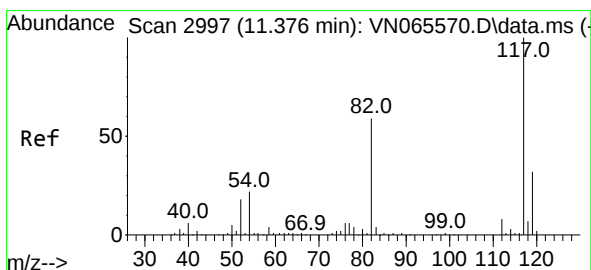
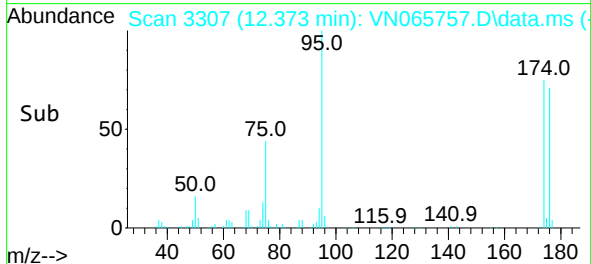
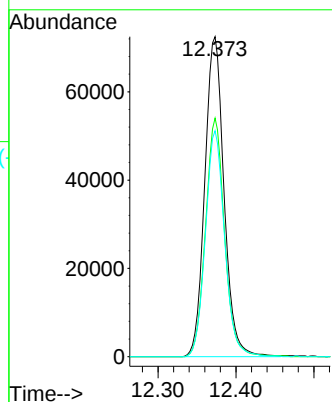
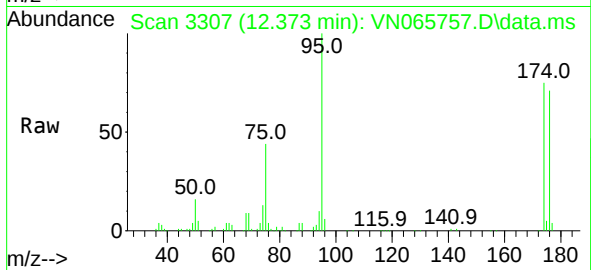




#62
4-Bromofluorobenzene
Concen: 46.68 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065757.D
Acq: 8 Feb 2021 16:01

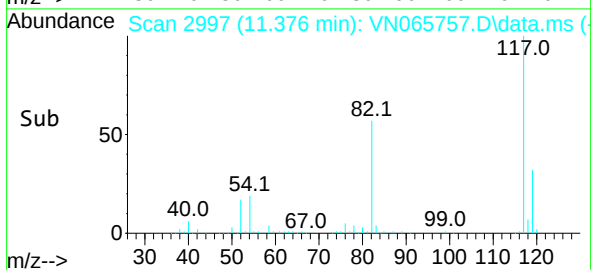
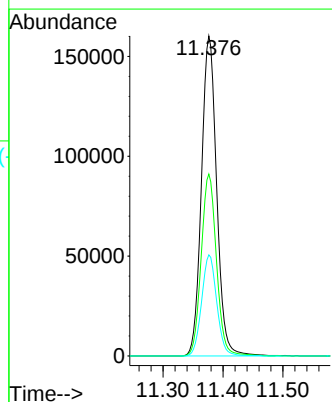
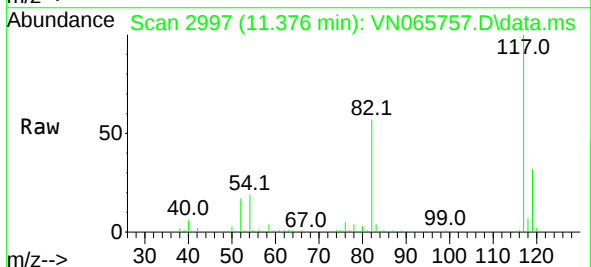
Instrument :
MSVOA_N
ClientSampled :

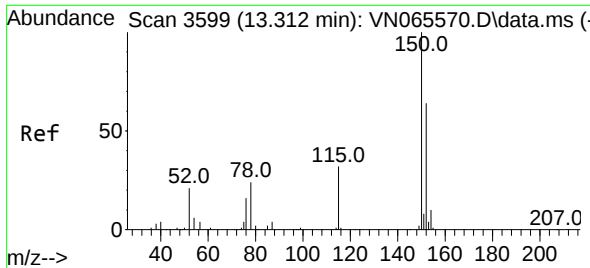
Tgt Ion: 95 Resp: 124543
Ion Ratio Lower Upper
95 100
174 73.8 0.0 169.0
176 70.5 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065757.D
Acq: 8 Feb 2021 16:01

Tgt Ion: 117 Resp: 284051
Ion Ratio Lower Upper
117 100
82 56.8 43.7 65.5
119 31.6 26.1 39.1

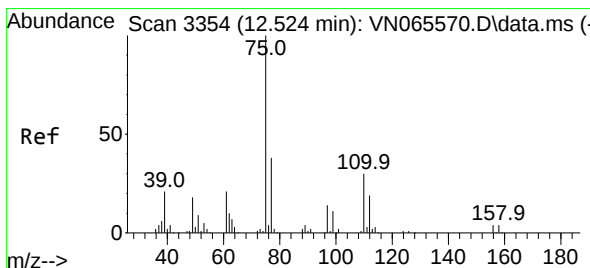
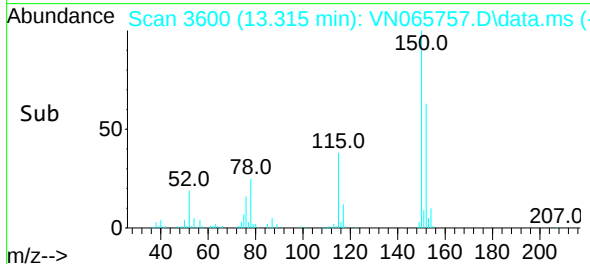
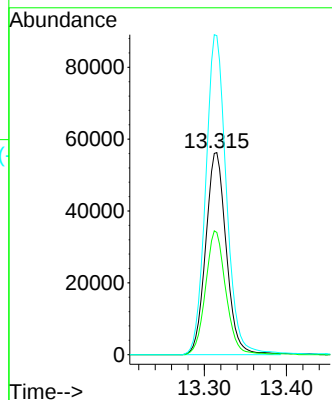
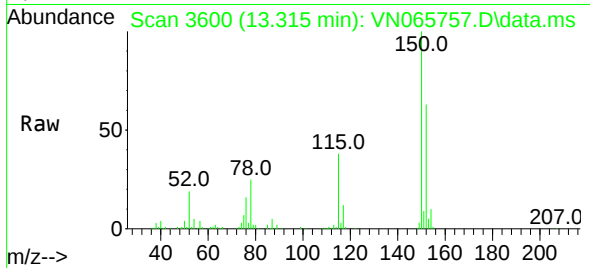




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065757.D
Acq: 8 Feb 2021 16:01

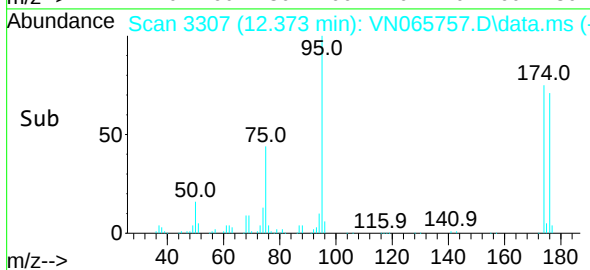
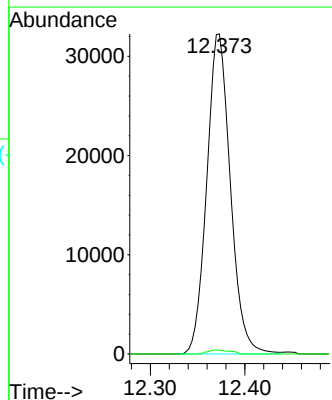
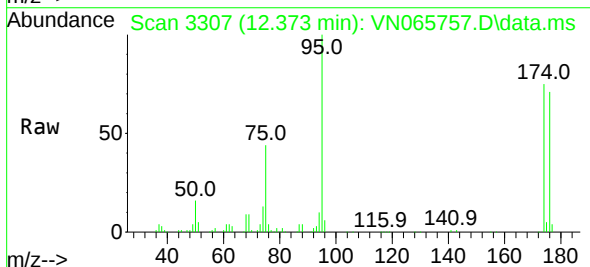
Instrument :
MSVOA_N
ClientSampled :

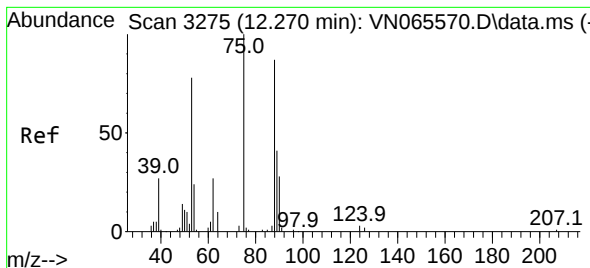
Tgt Ion:152 Resp: 98229
Ion Ratio Lower Upper
152 100
115 60.2 28.5 85.6
150 159.6 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 21.81 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065757.D
Acq: 8 Feb 2021 16:01

Tgt Ion: 75 Resp: 56023
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#

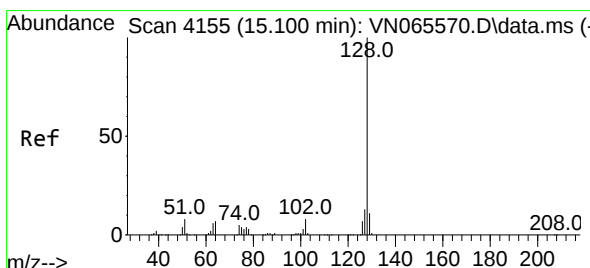
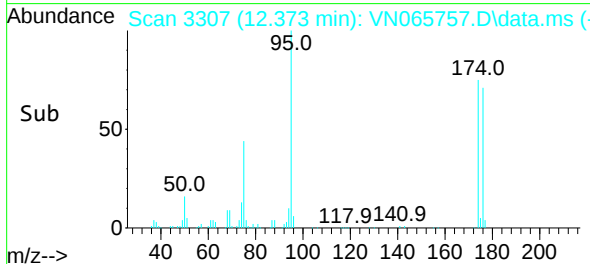
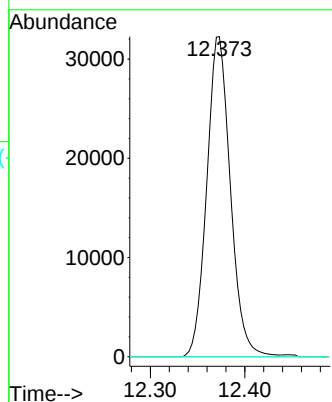
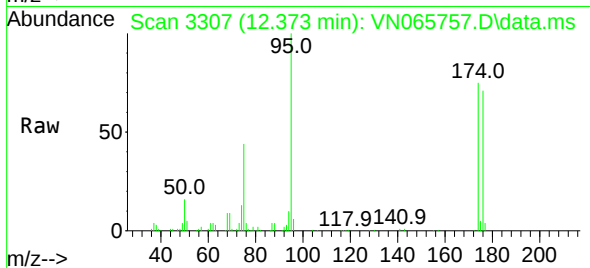




#81
trans-1,4-Dichloro-2-butene
Concen: 55.86 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065757.D
Acq: 8 Feb 2021 16:01

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 56023
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#



#95
Naphthalene
Concen: 3.54 ug/l
RT: 15.109 min Scan# 4158
Delta R.T. 0.009 min
Lab File: VN065757.D
Acq: 8 Feb 2021 16:01

Tgt Ion:128 Resp: 621
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

