

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012521\
 Data File : VN065584.D
 Acq On : 25 Jan 2021 18:10
 Operator : JC/MD
 Sample : M1157-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

Quant Time: Jan 26 01:49:08 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	197245	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	342192	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	297664	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	106483	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	126531	48.76	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.52%
35) Dibromofluoromethane	7.550	113	100908	49.76	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.52%
50) Toluene-d8	10.058	98	426721	53.53	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	107.06%
62) 4-Bromofluorobenzene	12.373	95	141413	49.27	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.54%

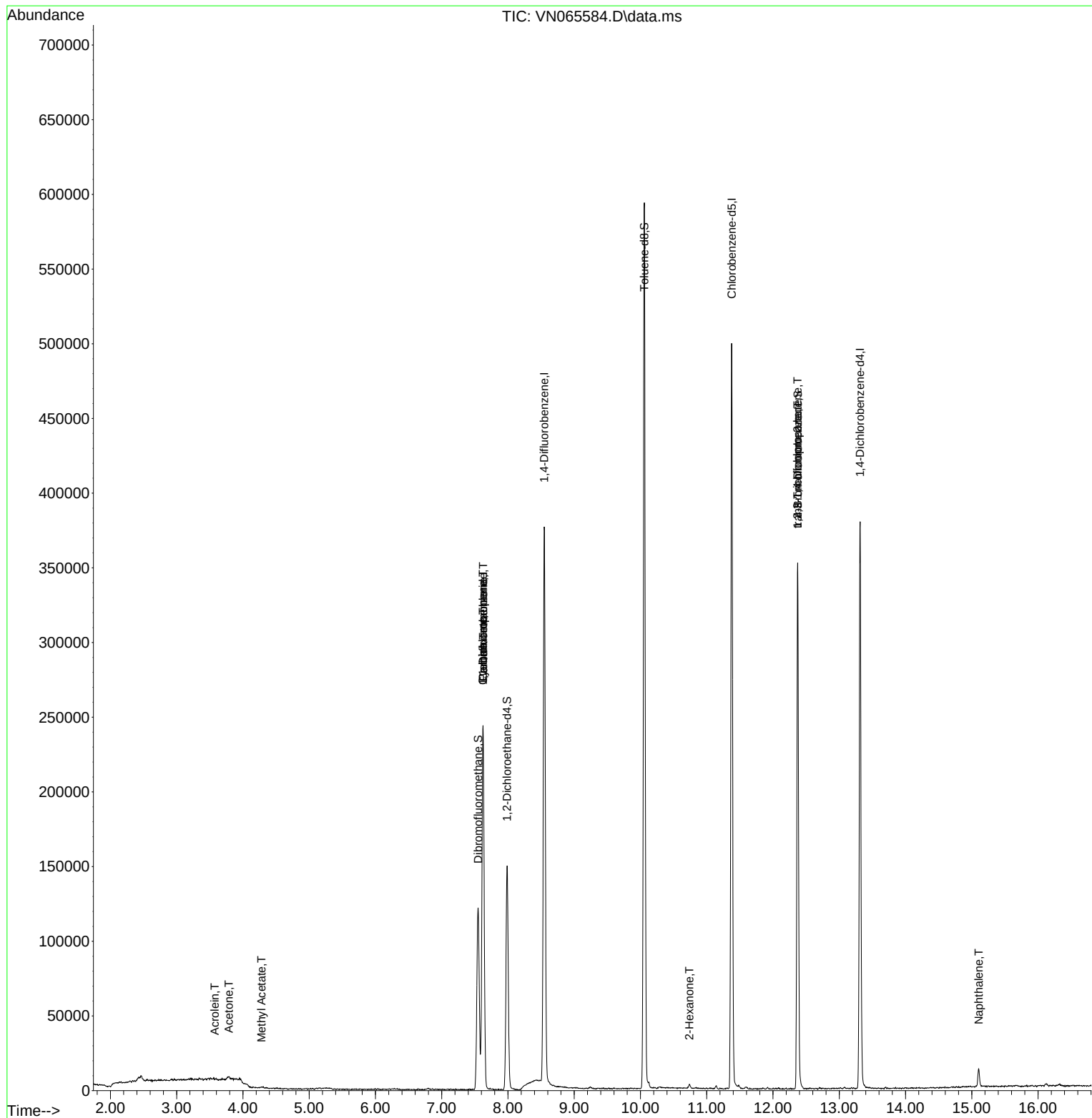
Target Compounds						Qvalue
13) Acrolein	3.576	56	184	18.49	ug/l #	37
16) Acetone	3.785	43	3114	3.08	ug/l #	88
18) Methyl Acetate	4.280	43	677	0.24	ug/l #	51
31) Cyclohexane	7.621	56	4082	0.84	ug/l #	1
36) 1,1-Dichloropropene	7.621	75	16634	4.83	ug/l #	48
38) Carbon Tetrachloride	7.624	117	19116	6.74	ug/l #	16
59) 2-Hexanone	10.737	43	605	0.27	ug/l #	23
76) 1,2,3-Trichloropropane	12.370	75	65975	23.69	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.370	75	65975	60.69	ug/l #	12
95) Naphthalene	15.106	128	12661	5.16	ug/l	96

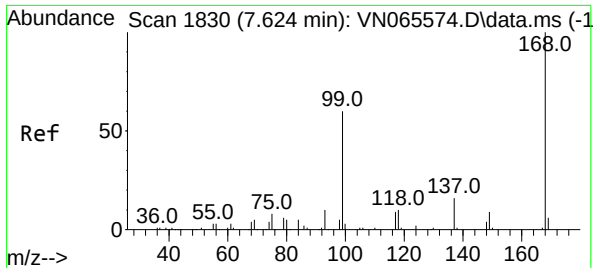
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 26 01:49:08 2021
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Response via : Initial Calibration

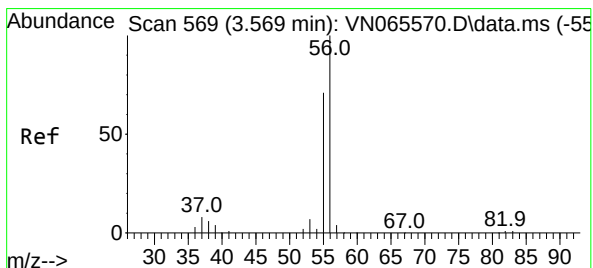
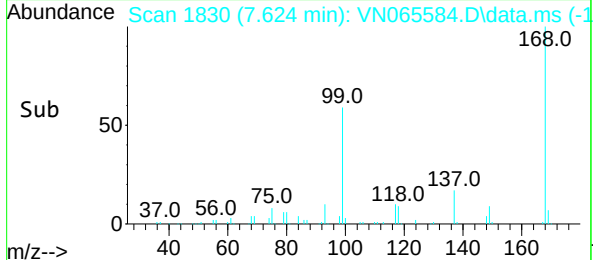
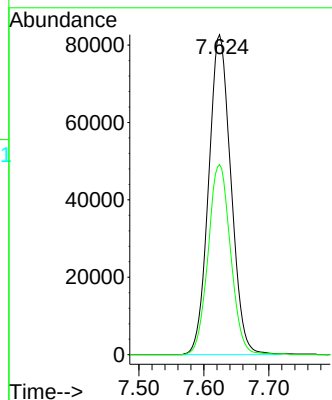
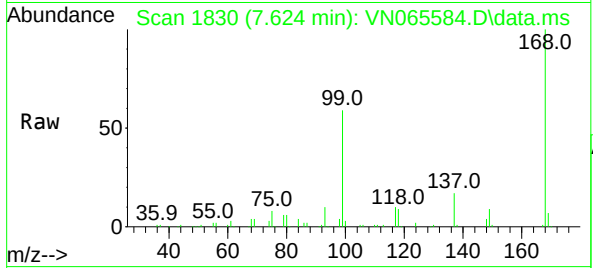




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN065584.D
Acq: 25 Jan 2021 18:10

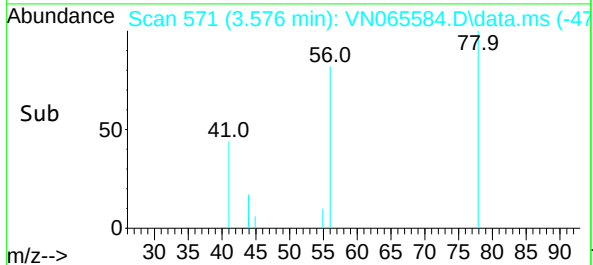
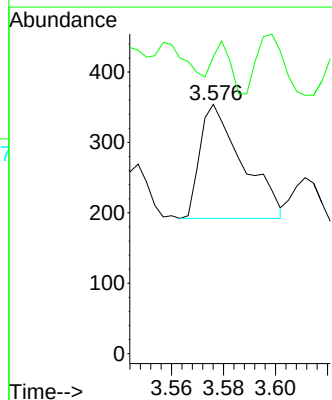
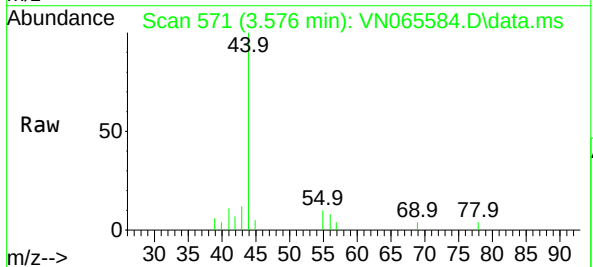
Instrument :
MSVOA_N
ClientSampled :
MW-1

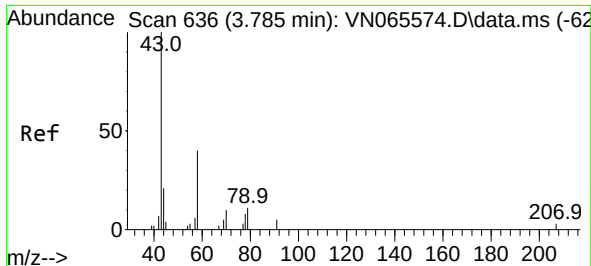
Tgt Ion:168 Resp: 197245
Ion Ratio Lower Upper
168 100
99 59.4 42.6 63.8



#13
Acrolein
Concen: 18.49 ug/l
RT: 3.576 min Scan# 571
Delta R.T. 0.007 min
Lab File: VN065584.D
Acq: 25 Jan 2021 18:10

Tgt Ion: 56 Resp: 184
Ion Ratio Lower Upper
56 100
55 18.5 56.0 84.0#

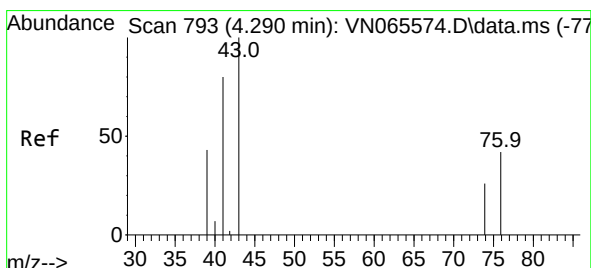
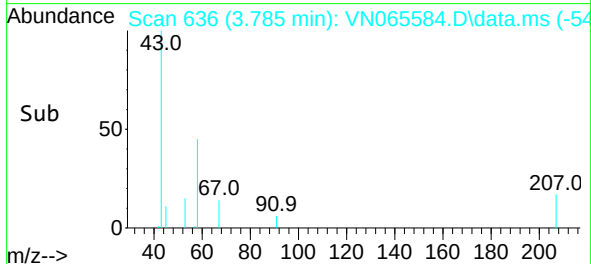
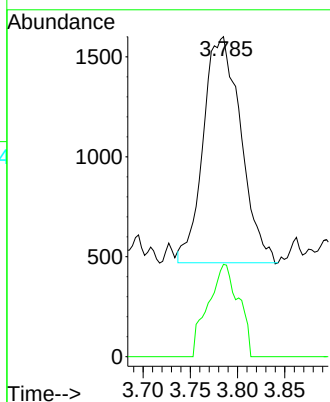
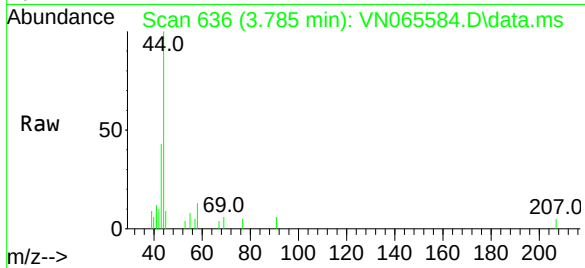




#16
Acetone
Concen: 3.08 ug/l
RT: 3.785 min Scan# 636
Delta R.T. 0.003 min
Lab File: VN065584.D
Acq: 25 Jan 2021 18:10

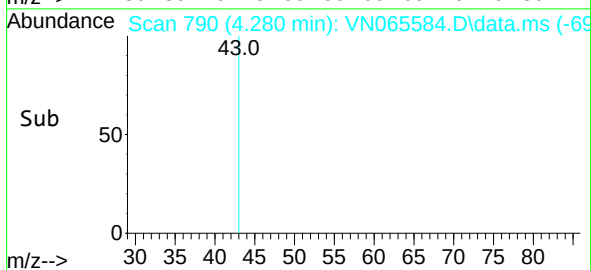
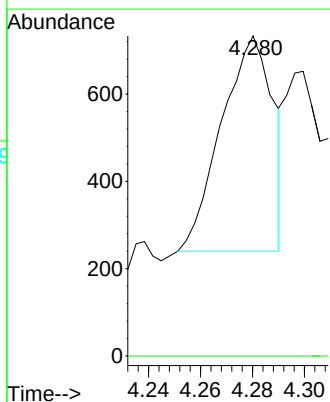
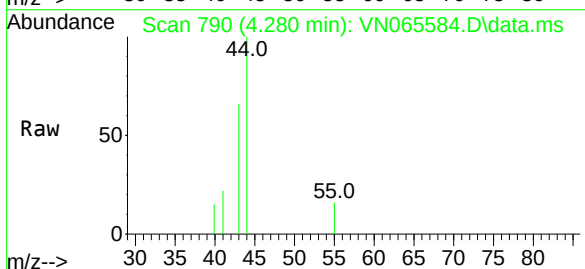
Instrument :
MSVOA_N
ClientSampled :
MW-1

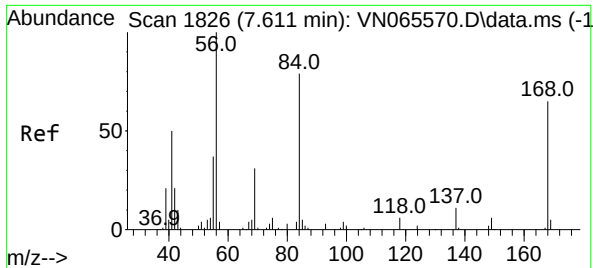
Tgt Ion: 43 Resp: 3114
Ion Ratio Lower Upper
43 100
58 40.8 27.0 40.6#



#18
Methyl Acetate
Concen: 0.24 ug/l
RT: 4.280 min Scan# 790
Delta R.T. -0.003 min
Lab File: VN065584.D
Acq: 25 Jan 2021 18:10

Tgt Ion: 43 Resp: 677
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#

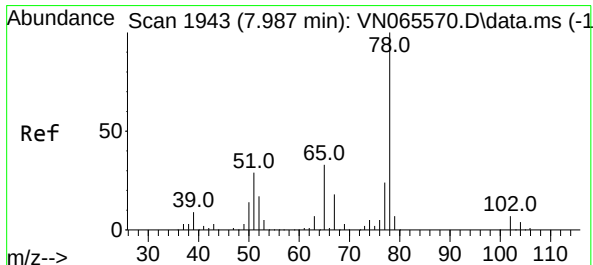
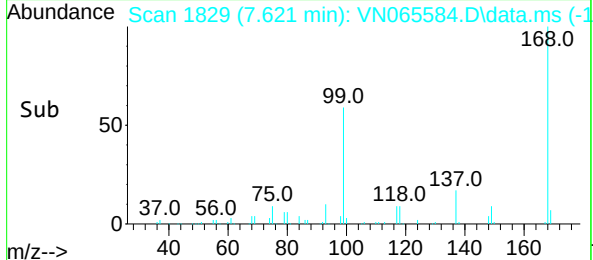
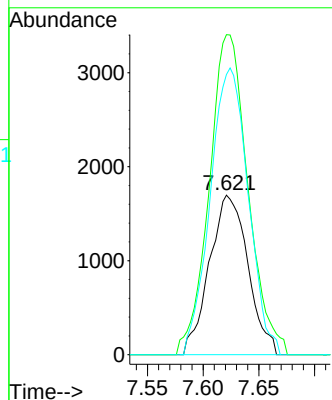
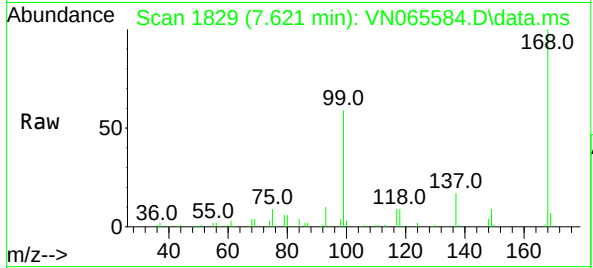




#31
Cyclohexane
Concen: 0.84 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. 0.010 min
Lab File: VN065584.D
Acq: 25 Jan 2021 18:10

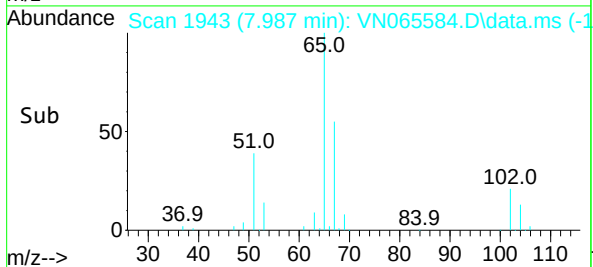
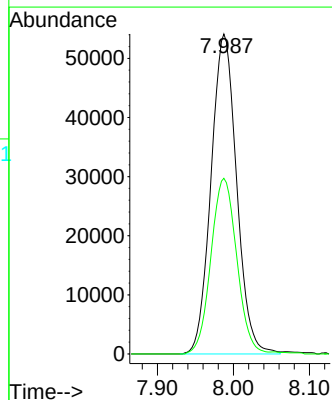
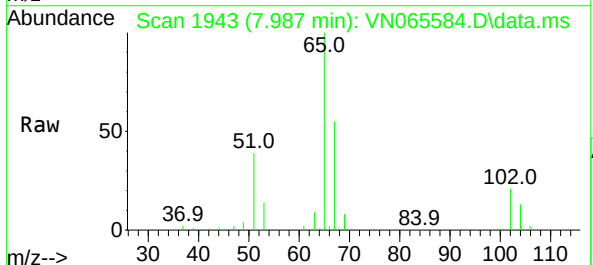
Instrument :
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ClientSampled :
MW-1

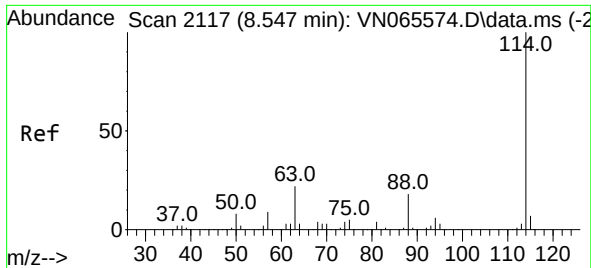
Tgt Ion: 56 Resp: 4082
Ion Ratio Lower Upper
56 100
69 191.2 26.6 39.8#
84 175.6 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 48.76 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065584.D
Acq: 25 Jan 2021 18:10

Tgt Ion: 65 Resp: 126531
Ion Ratio Lower Upper
65 100
67 55.4 0.0 107.2

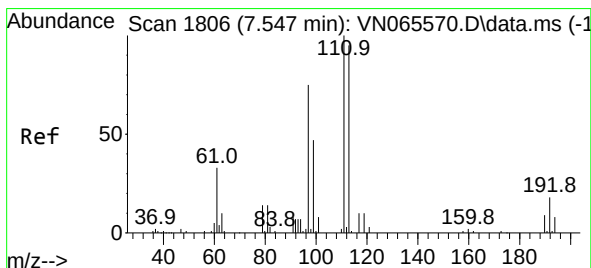
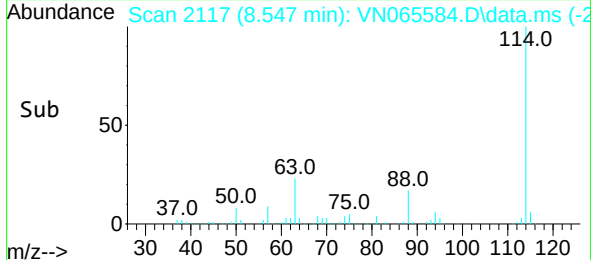
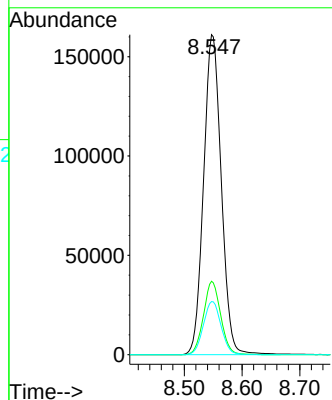
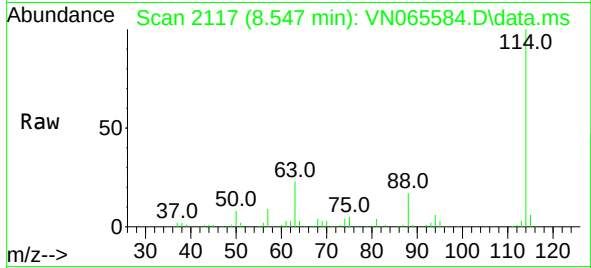




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VN065584.D
Acq: 25 Jan 2021 18:10

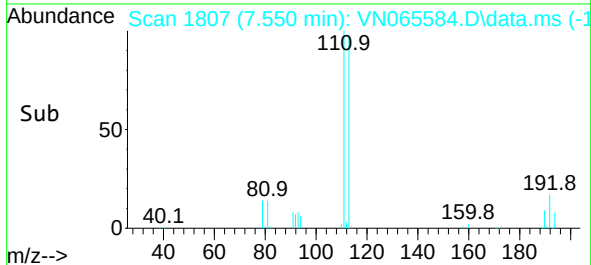
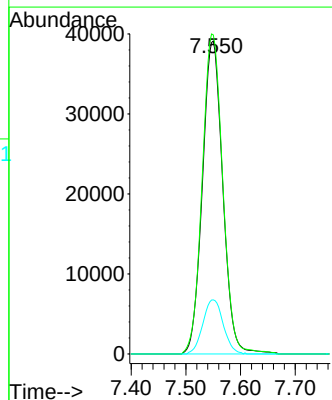
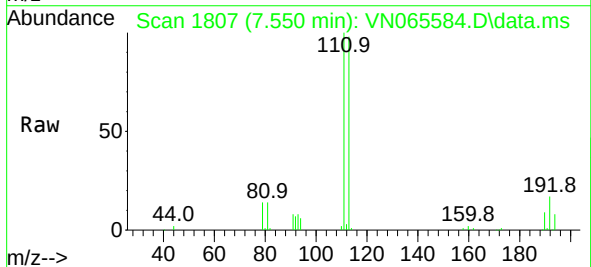
Instrument :
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ClientSampleId :
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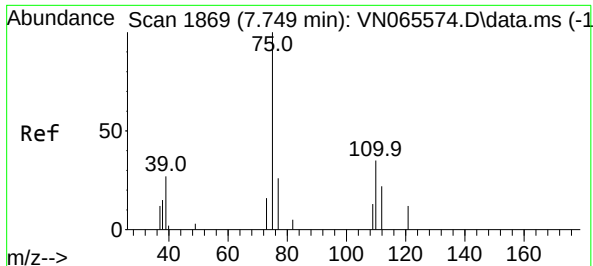
Tgt Ion:114 Resp: 342192
Ion Ratio Lower Upper
114 100
63 22.9 0.0 38.6
88 16.6 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.76 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VN065584.D
Acq: 25 Jan 2021 18:10

Tgt Ion:113 Resp: 100908
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 17.4 15.4 23.0

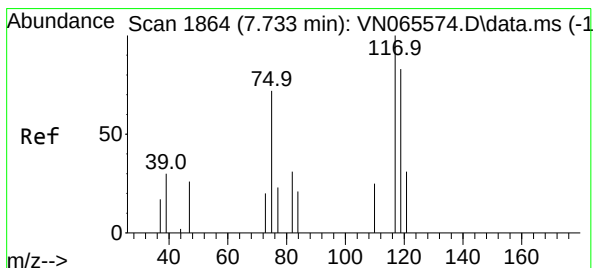
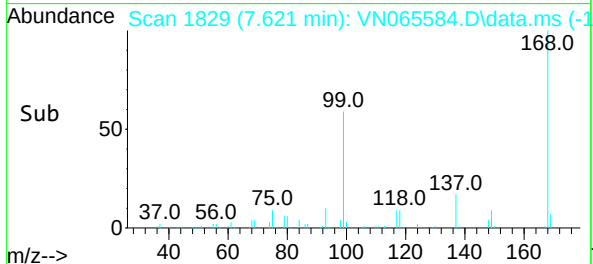
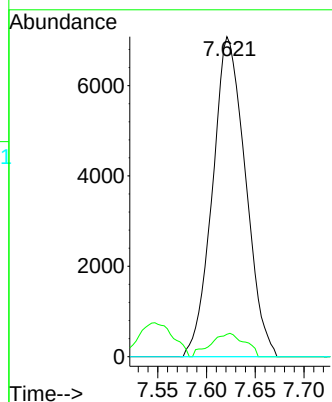
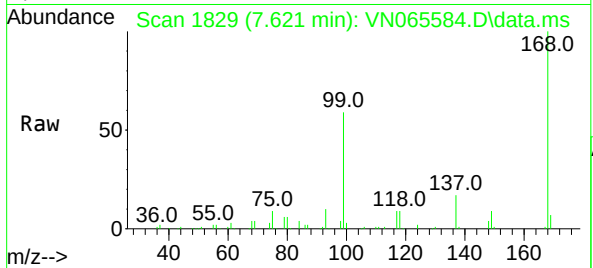




#36
1,1-Dichloropropene
Concen: 4.83 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.128 min
Lab File: VN065584.D
Acq: 25 Jan 2021 18:10

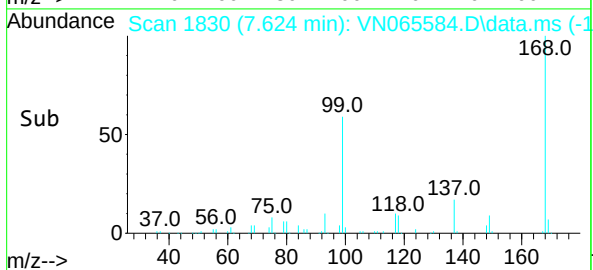
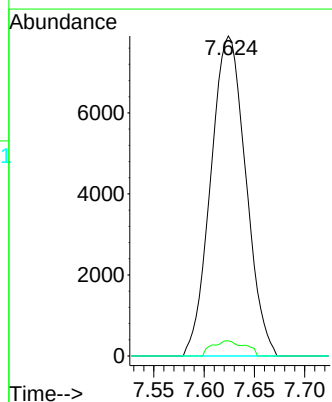
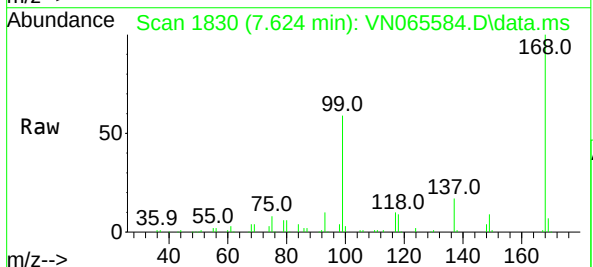
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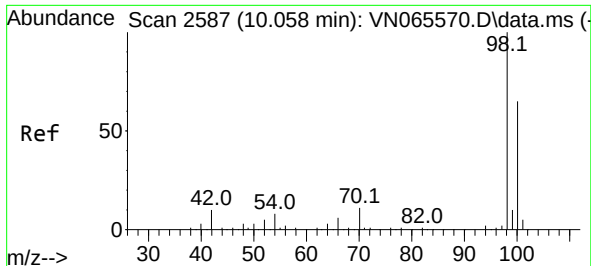
Tgt Ion: 75 Resp: 16634
Ion Ratio Lower Upper
75 100
110 7.6 18.2 54.6#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 6.74 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.106 min
Lab File: VN065584.D
Acq: 25 Jan 2021 18:10

Tgt Ion: 117 Resp: 19116
Ion Ratio Lower Upper
117 100
119 4.7 76.0 114.0#
121 0.0 24.5 36.7#

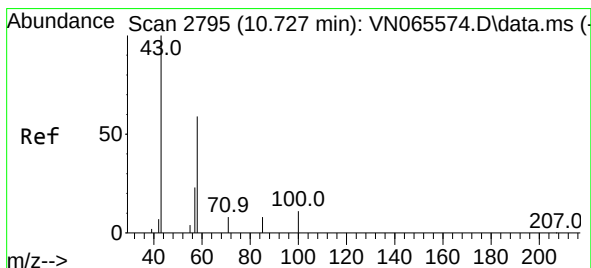
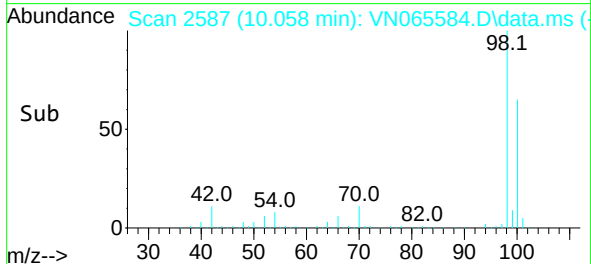
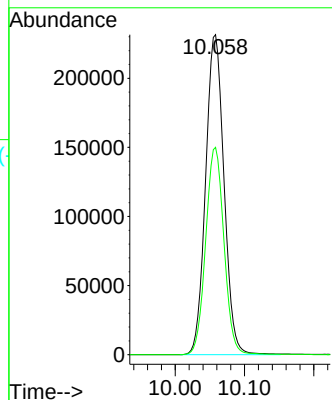
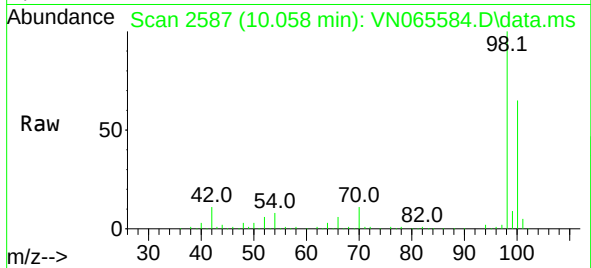




#50
Toluene-d8
Concen: 53.53 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065584.D
Acq: 25 Jan 2021 18:10

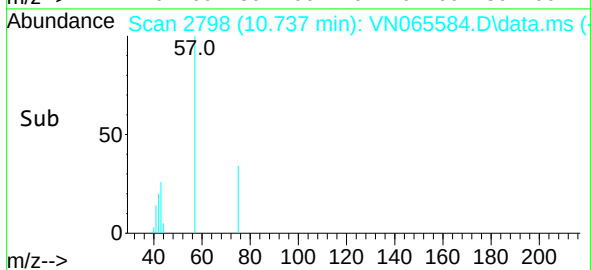
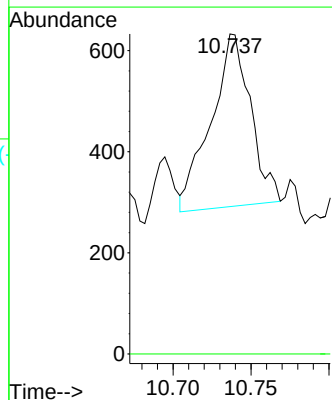
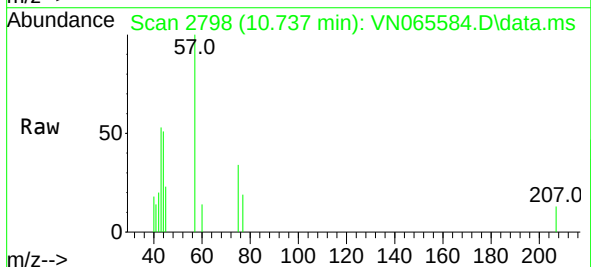
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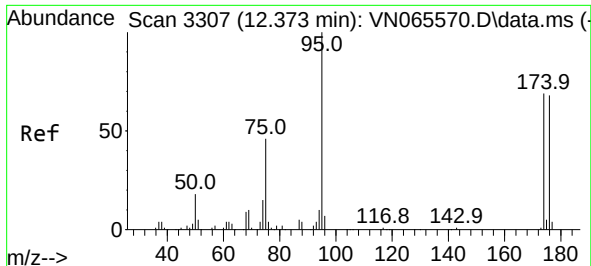
Tgt Ion: 98 Resp: 426721
Ion Ratio Lower Upper
98 100
100 64.4 50.5 75.7



#59
2-Hexanone
Concen: 0.27 ug/l
RT: 10.737 min Scan# 2798
Delta R.T. 0.017 min
Lab File: VN065584.D
Acq: 25 Jan 2021 18:10

Tgt Ion: 43 Resp: 605
Ion Ratio Lower Upper
43 100
58 0.0 28.1 84.3#

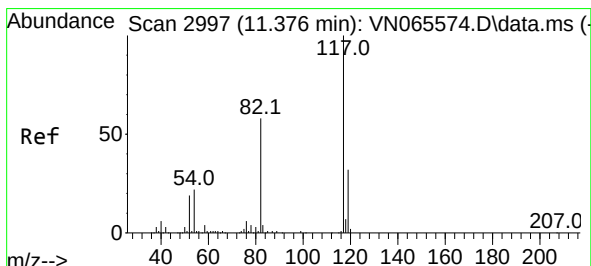
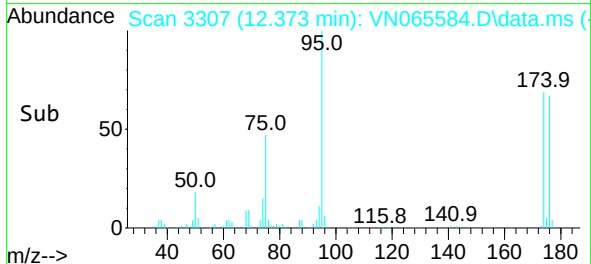
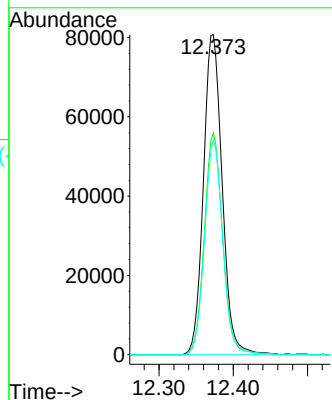
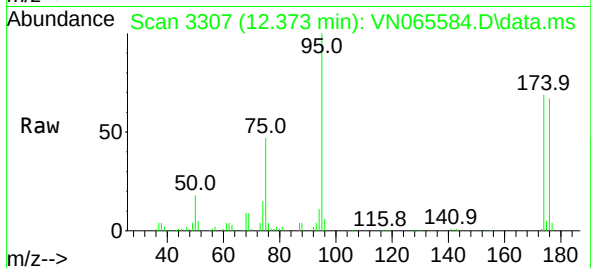




#62
4-Bromofluorobenzene
Concen: 49.27 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065584.D
Acq: 25 Jan 2021 18:10

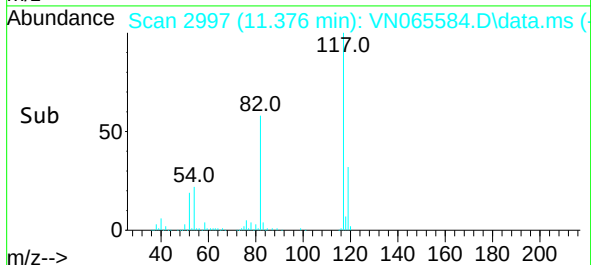
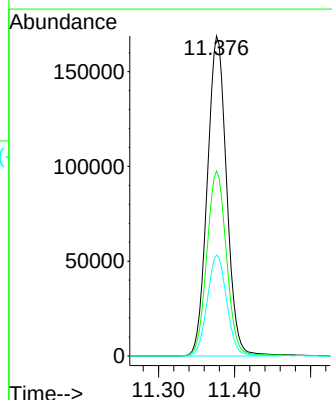
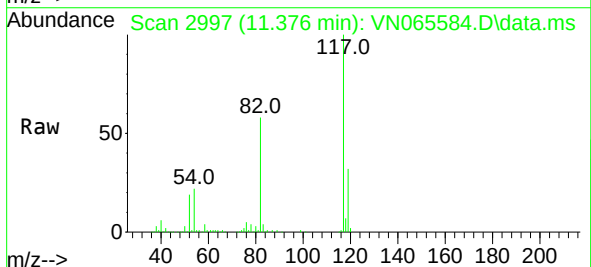
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MSVOA_N
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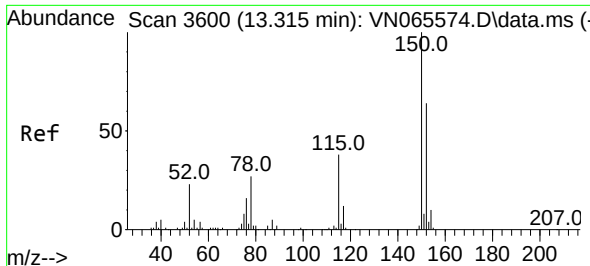
Tgt Ion: 95 Resp: 141413
Ion Ratio Lower Upper
95 100
174 67.9 0.0 169.0
176 65.1 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065584.D
Acq: 25 Jan 2021 18:10

Tgt Ion: 117 Resp: 297664
Ion Ratio Lower Upper
117 100
82 57.8 43.7 65.5
119 31.6 26.1 39.1

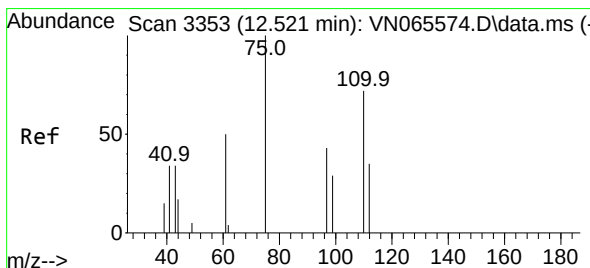
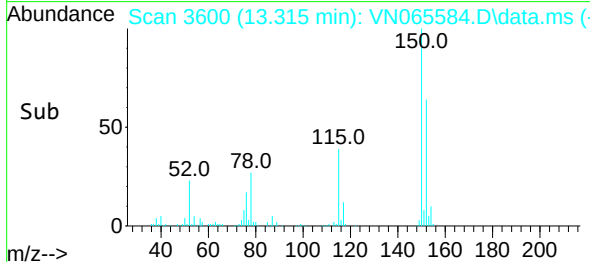
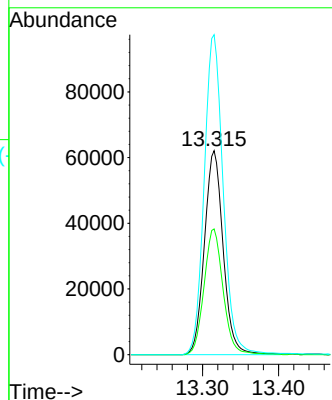
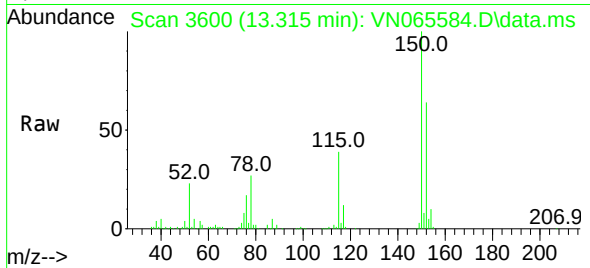




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.315 min Scan# 3600
 Delta R.T. 0.003 min
 Lab File: VN065584.D
 Acq: 25 Jan 2021 18:10

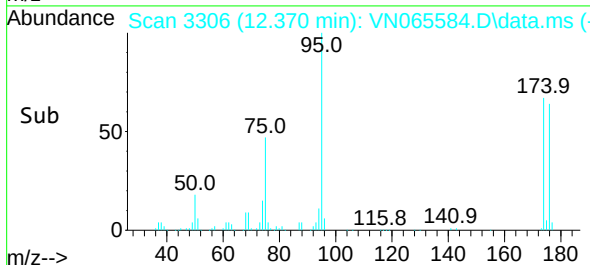
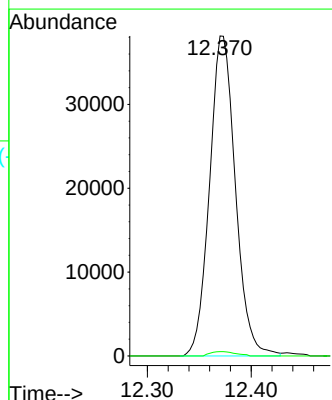
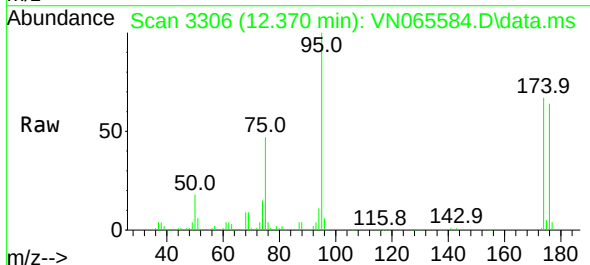
Instrument :
 MSVOA_N
 ClientSampled :
 MW-1

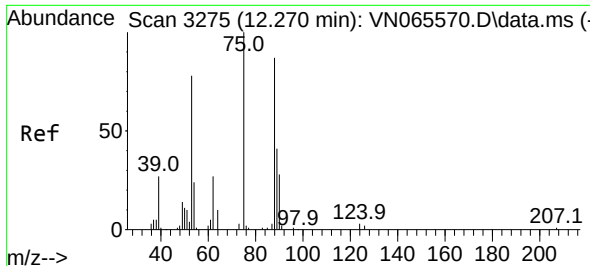
Tgt Ion:152 Resp: 106483
 Ion Ratio Lower Upper
 152 100
 115 62.7 28.5 85.6
 150 159.0 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 23.69 ug/l
 RT: 12.370 min Scan# 3306
 Delta R.T. -0.154 min
 Lab File: VN065584.D
 Acq: 25 Jan 2021 18:10

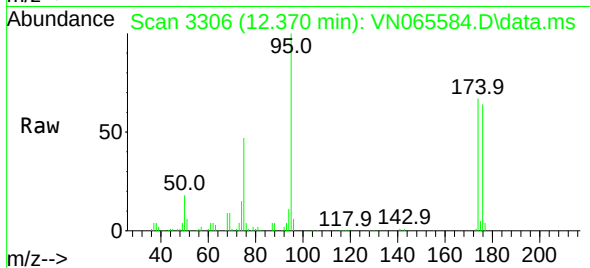
Tgt Ion: 75 Resp: 65975
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



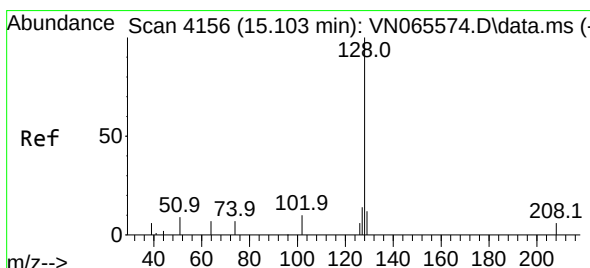
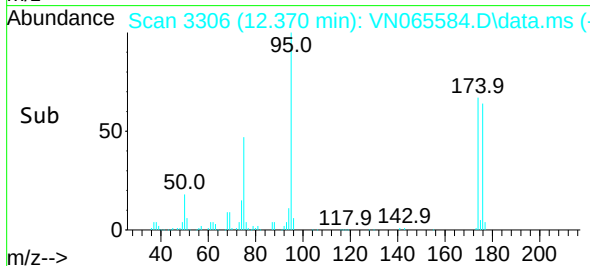
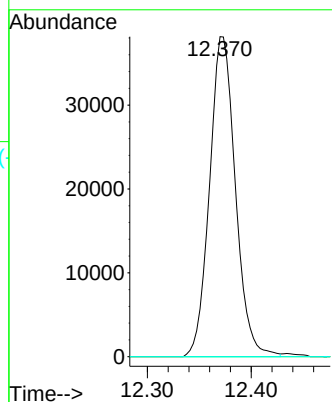


#81
trans-1,4-Dichloro-2-butene
Concen: 60.69 ug/l
RT: 12.370 min Scan# 3306
Delta R.T. 0.100 min
Lab File: VN065584.D
Acq: 25 Jan 2021 18:10

Instrument :
MSVOA_N
ClientSampled :
MW-1



Tgt Ion: 75 Resp: 65975
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#



#95
Naphthalene
Concen: 5.16 ug/l
RT: 15.106 min Scan# 4157
Delta R.T. 0.006 min
Lab File: VN065584.D
Acq: 25 Jan 2021 18:10

Tgt Ion: 128 Resp: 12661
Ion Ratio Lower Upper
128 100
127 10.7 10.2 15.2
129 9.8 8.6 13.0

