

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020921\
 Data File : VN065772.D
 Acq On : 9 Feb 2021 11:09
 Operator : JC/MD
 Sample : VN0209MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 09 14:17:09 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	7.621	168	161433	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.544	114	265205	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	232350	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	78091	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.984	65	90562	42.64	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	85.28%
35) Dibromofluoromethane	7.544	113	78859	50.18	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.36%
50) Toluene-d8	10.055	98	327568	53.02	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.04%
62) 4-Bromofluorobenzene	12.370	95	100928	45.37	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	90.74%

Target Compounds

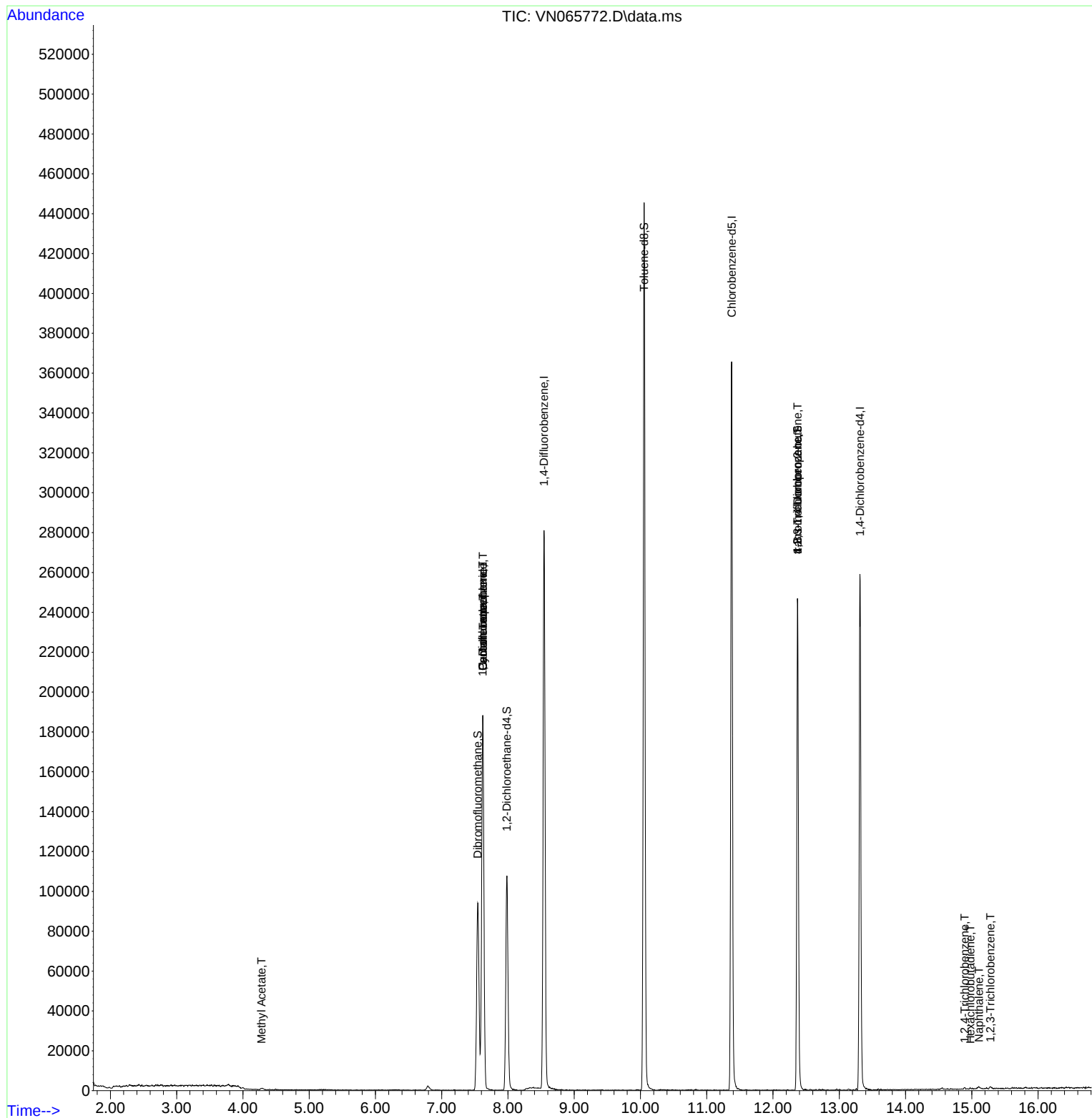
						Qvalue
18) Methyl Acetate	4.280	43	697	0.30	ug/l #	51
31) Cyclohexane	7.621	56	2659	0.67	ug/l #	1
36) 1,1-Dichloropropene	7.618	75	11576	4.34	ug/l #	47
38) Carbon Tetrachloride	7.621	117	15159	6.90	ug/l #	17
76) 1,2,3-Trichloropropane	12.370	75	44847	21.96	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.370	75	44847	56.25	ug/l #	12
93) 1,2,4-Trichlorobenzene	14.894	180	343	3.57	ug/l #	58
94) Hexachlorobutadiene	14.981	225	172	0.48	ug/l #	40
95) Naphthalene	15.109	128	1923	3.81	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.283	180	879	3.38	ug/l #	83

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

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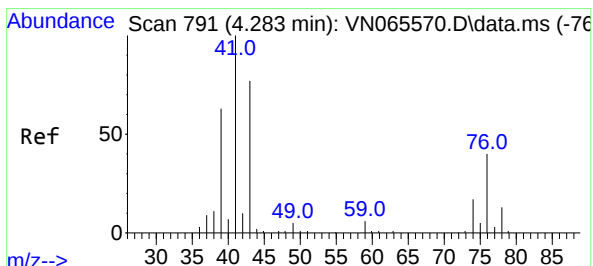
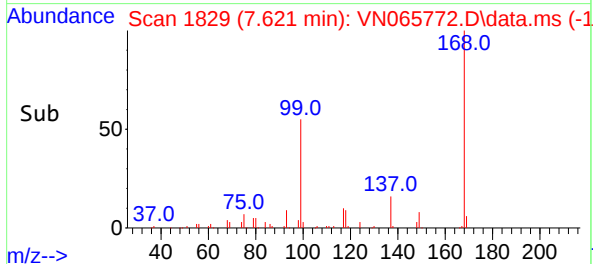
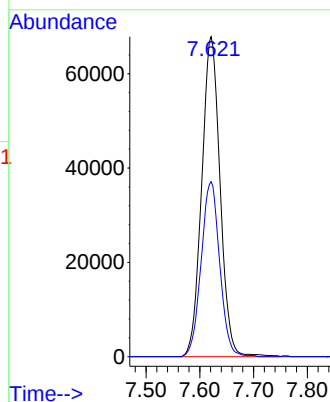
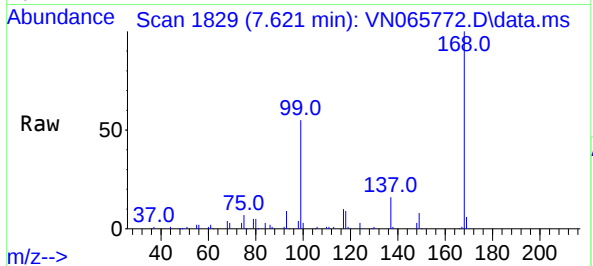




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.003 min
Lab File: VN065772.D
Acq: 9 Feb 2021 11:09

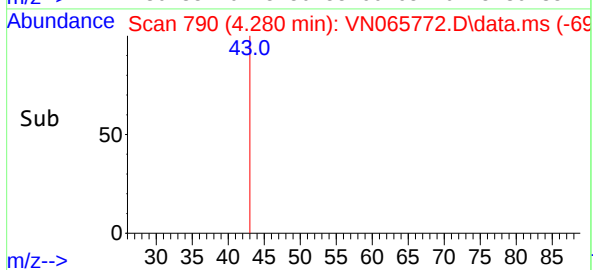
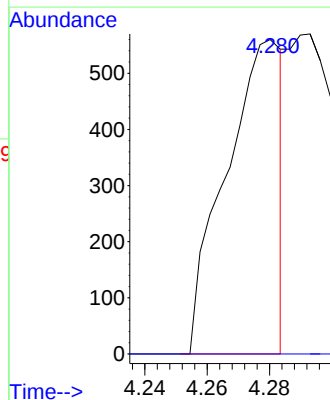
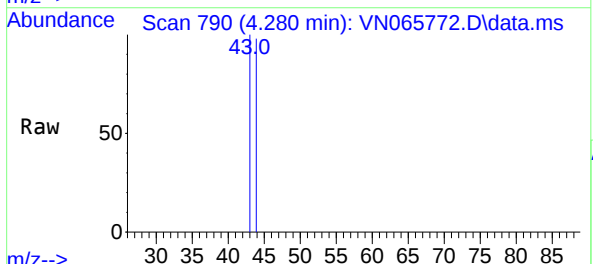
Instrument :
MSVOA_N
ClientSampleId :

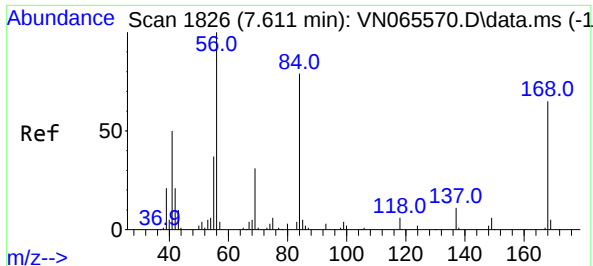
Tgt Ion:168 Resp: 161433
Ion Ratio Lower Upper
168 100
99 54.7 42.6 63.8



#18
Methyl Acetate
Concen: 0.30 ug/l
RT: 4.280 min Scan# 790
Delta R.T. -0.003 min
Lab File: VN065772.D
Acq: 9 Feb 2021 11:09

Tgt Ion: 43 Resp: 697
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#

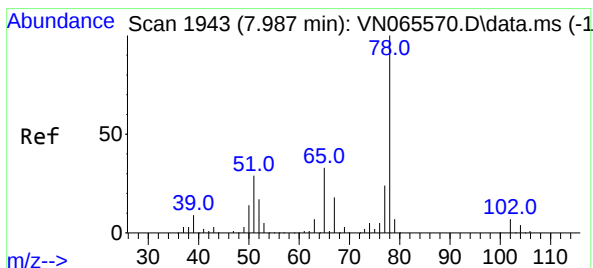
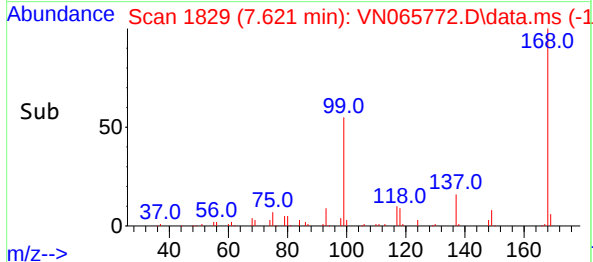
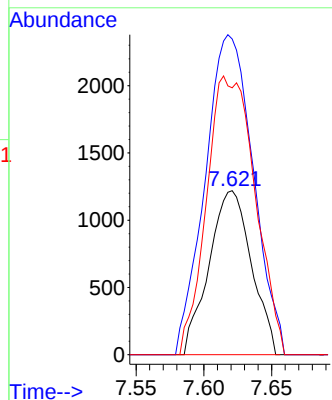
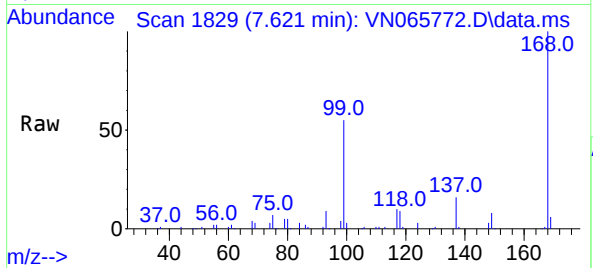




#31
Cyclohexane
Concen: 0.67 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. 0.010 min
Lab File: VN065772.D
Acq: 9 Feb 2021 11:09

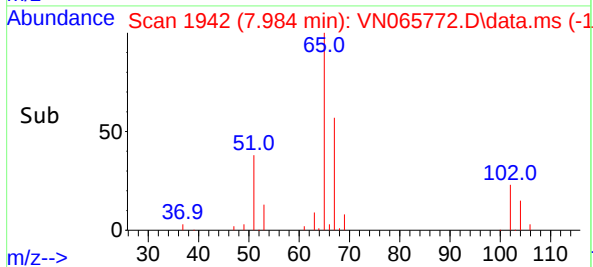
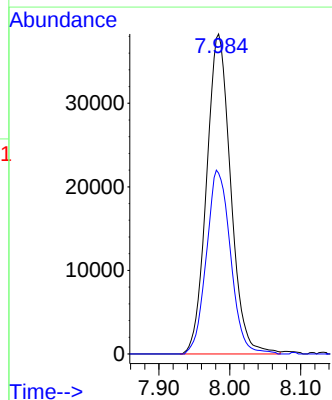
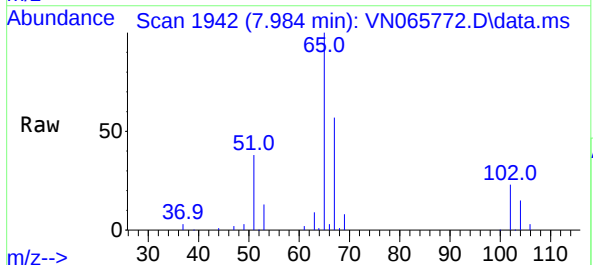
Instrument :
MSVOA_N
ClientSampled :

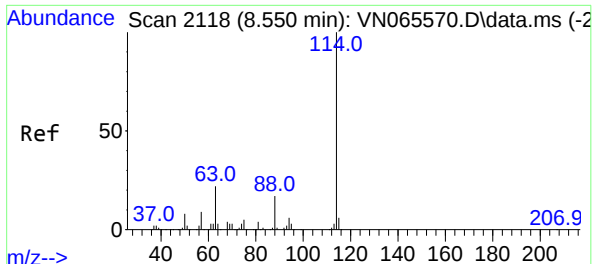
Tgt Ion: 56 Resp: 2659
Ion Ratio Lower Upper
56 100
69 176.2 26.6 39.8#
84 162.8 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 42.64 ug/l
RT: 7.984 min Scan# 1942
Delta R.T. -0.003 min
Lab File: VN065772.D
Acq: 9 Feb 2021 11:09

Tgt Ion: 65 Resp: 90562
Ion Ratio Lower Upper
65 100
67 57.5 0.0 107.2



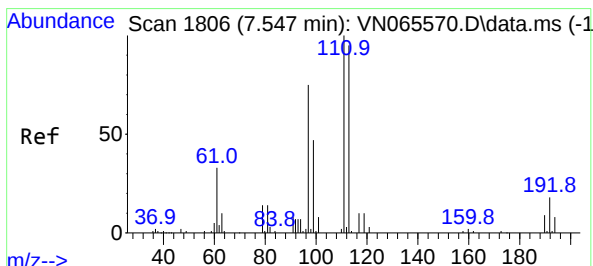
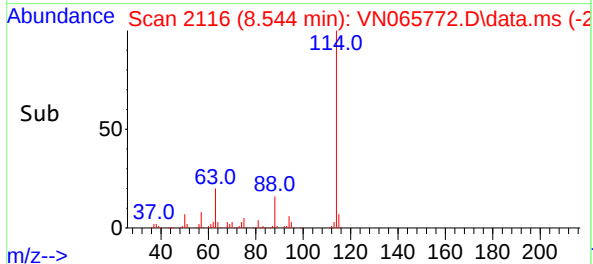
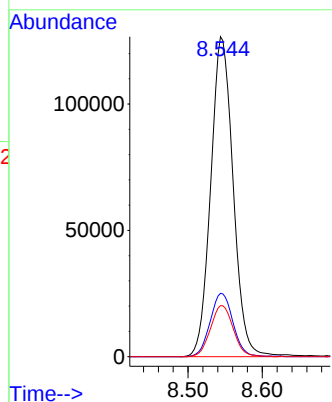
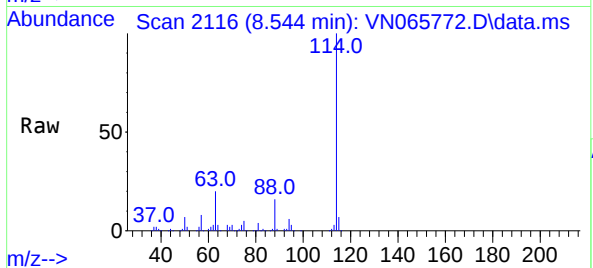


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.544 min Scan# 2116
Delta R.T. -0.006 min
Lab File: VN065772.D
Acq: 9 Feb 2021 11:09

Instrument :
MSVOA_N
ClientSampled :

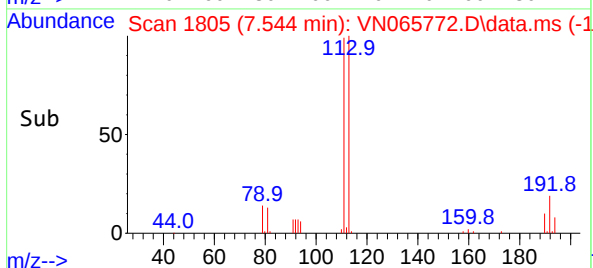
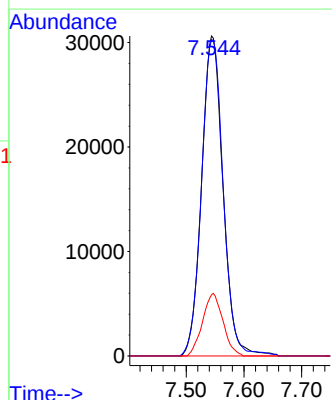
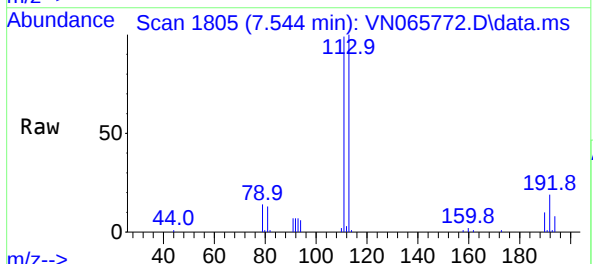
Tgt Ion:114 Resp: 265205
Ion Ratio Lower Upper
114 100
63 19.8 0.0 38.6
88 16.0 0.0 30.6

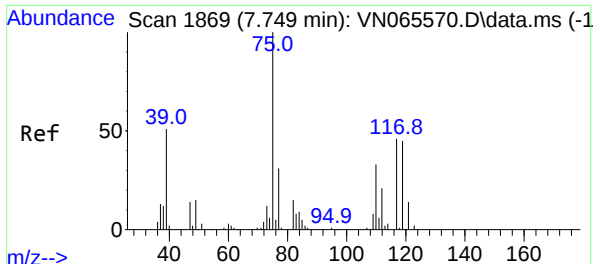


#35

Dibromofluoromethane
Concen: 50.18 ug/l
RT: 7.544 min Scan# 1805
Delta R.T. -0.003 min
Lab File: VN065772.D
Acq: 9 Feb 2021 11:09

Tgt Ion:113 Resp: 78859
Ion Ratio Lower Upper
113 100
111 100.3 82.2 123.2
192 18.6 15.4 23.0

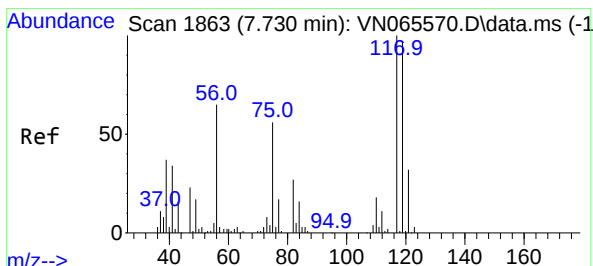
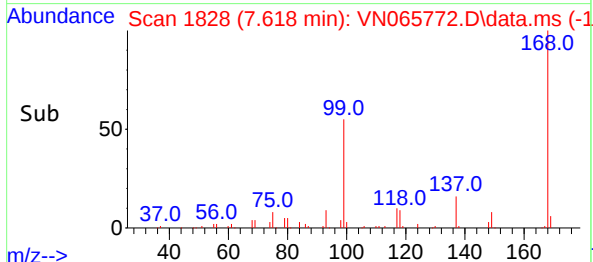
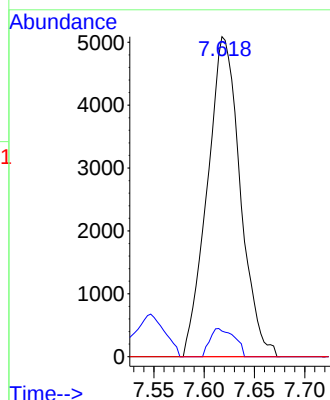
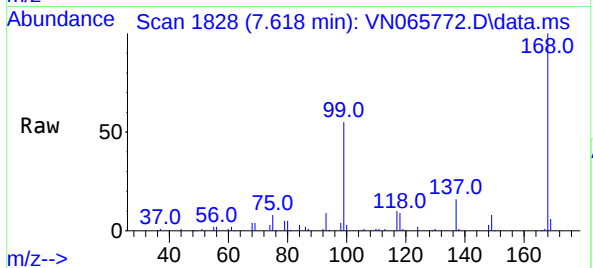




#36
1,1-Dichloropropene
Concen: 4.34 ug/l
RT: 7.618 min Scan# 1828
Delta R.T. -0.131 min
Lab File: VN065772.D
Acq: 9 Feb 2021 11:09

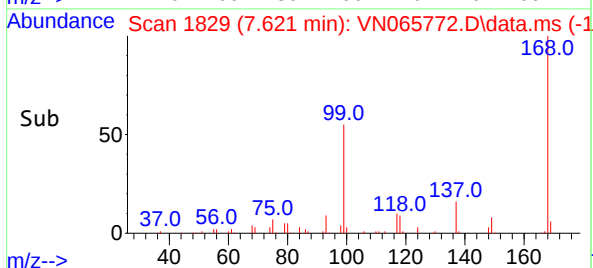
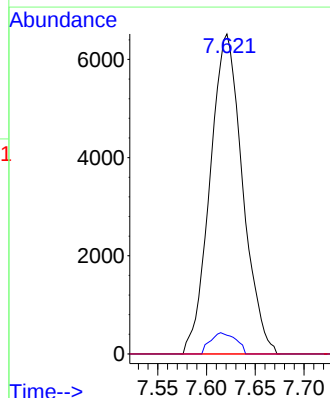
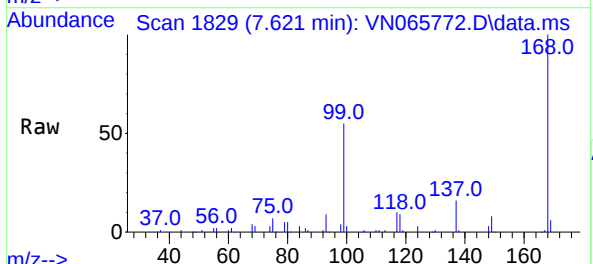
Instrument :
MSVOA_N
ClientSampleId :

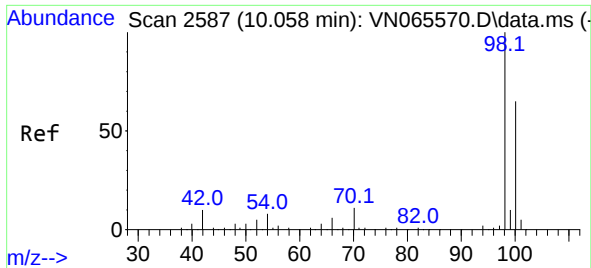
Tgt Ion: 75 Resp: 11576
Ion Ratio Lower Upper
75 100
110 6.5 18.2 54.6#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 6.90 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.109 min
Lab File: VN065772.D
Acq: 9 Feb 2021 11:09

Tgt Ion: 117 Resp: 15159
Ion Ratio Lower Upper
117 100
119 5.9 76.0 114.0#
121 0.0 24.5 36.7#

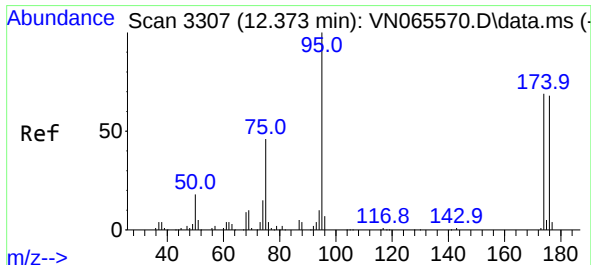
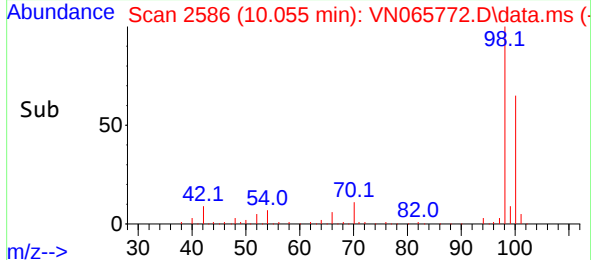
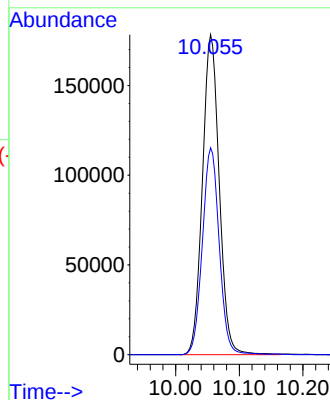
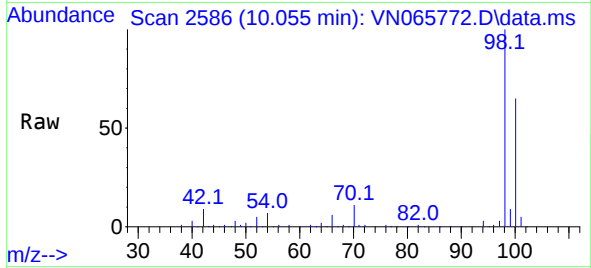




#50
Toluene-d8
Concen: 53.02 ug/l
RT: 10.055 min Scan# 2586
Delta R.T. -0.003 min
Lab File: VN065772.D
Acq: 9 Feb 2021 11:09

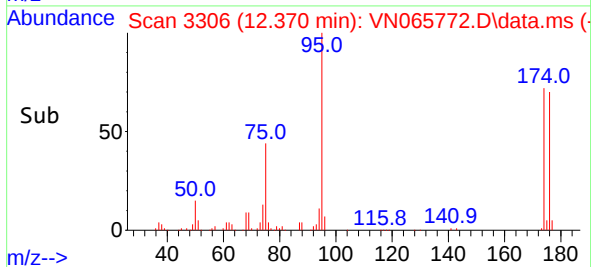
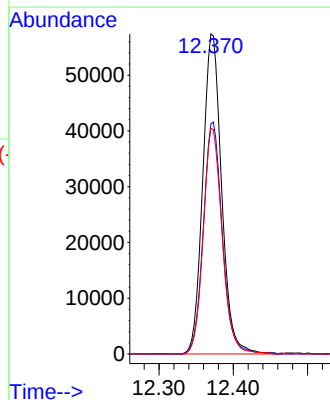
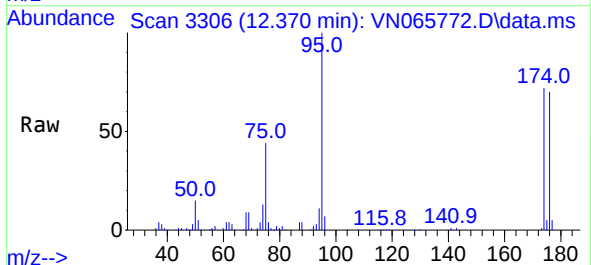
Instrument :
MSVOA_N
ClientSampled :

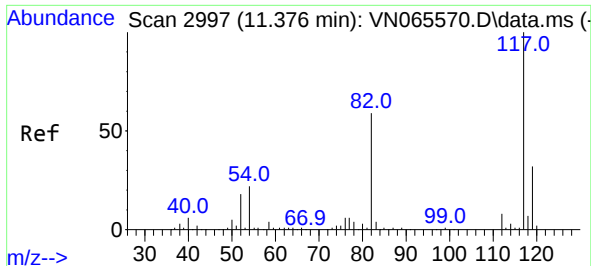
Tgt Ion: 98 Resp: 327568
Ion Ratio Lower Upper
98 100
100 64.6 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 45.37 ug/l
RT: 12.370 min Scan# 3306
Delta R.T. -0.003 min
Lab File: VN065772.D
Acq: 9 Feb 2021 11:09

Tgt Ion: 95 Resp: 100928
Ion Ratio Lower Upper
95 100
174 73.0 0.0 169.0
176 70.3 0.0 162.4

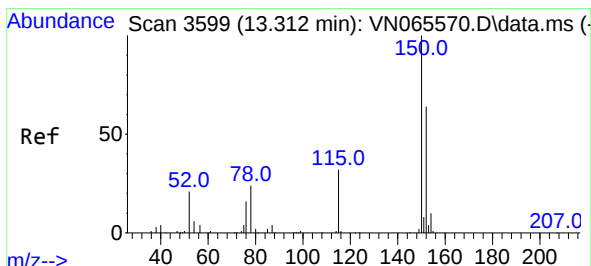
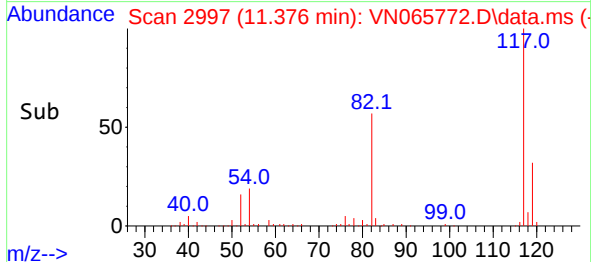
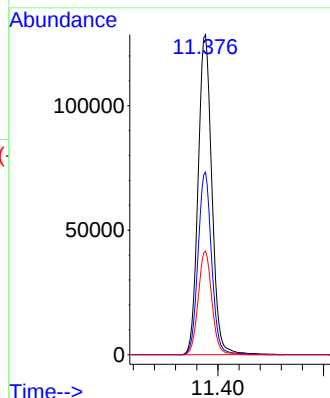
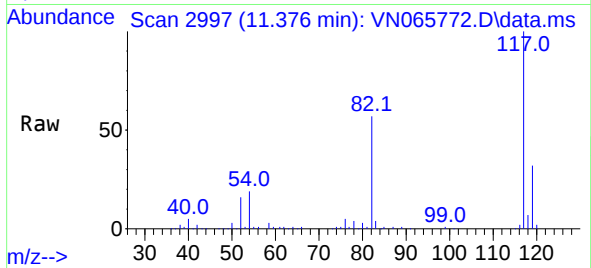




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065772.D
Acq: 9 Feb 2021 11:09

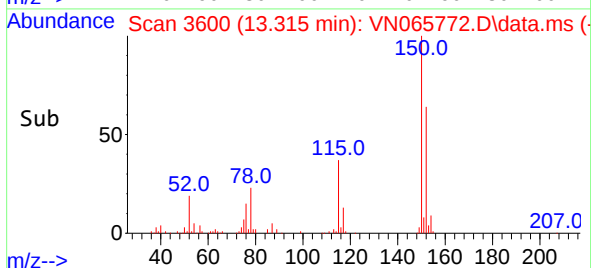
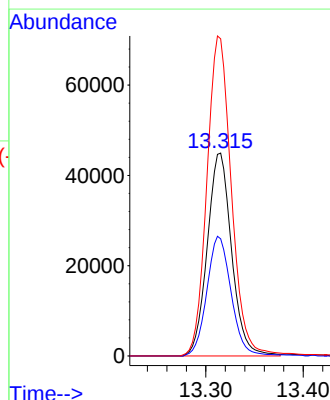
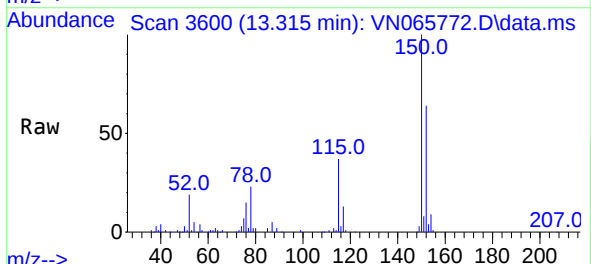
Instrument :
MSVOA_N
ClientSampled :

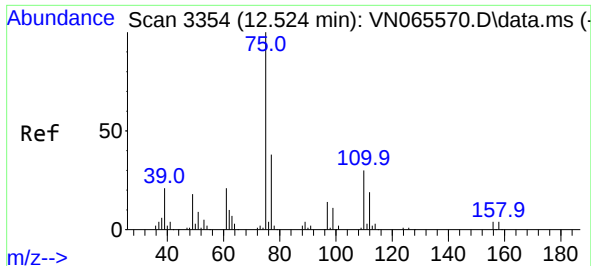
Tgt Ion:117 Resp: 232350
Ion Ratio Lower Upper
117 100
82 57.0 43.7 65.5
119 32.4 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065772.D
Acq: 9 Feb 2021 11:09

Tgt Ion:152 Resp: 78091
Ion Ratio Lower Upper
152 100
115 58.9 28.5 85.6
150 158.9 0.0 347.6

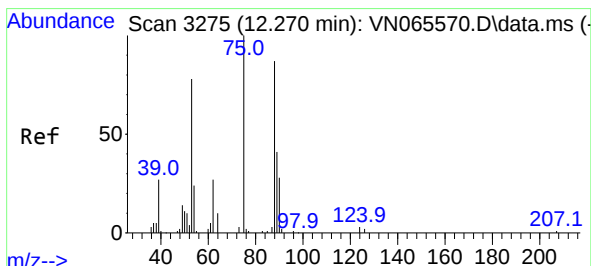
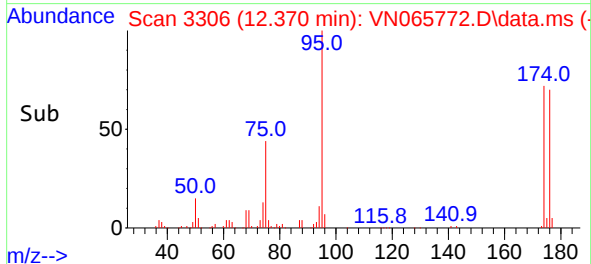
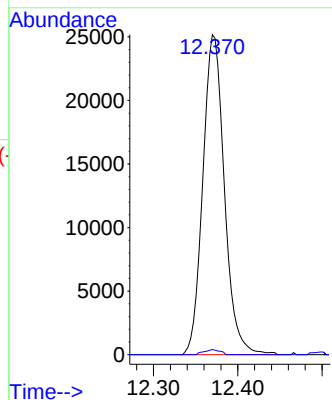
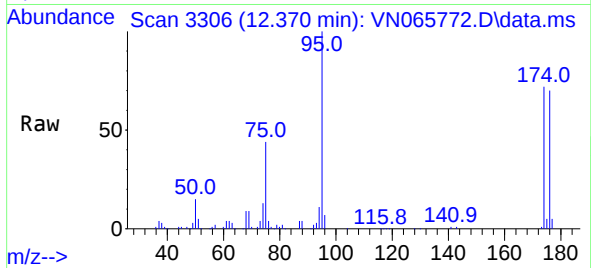




#76
1,2,3-Trichloropropane
Concen: 21.96 ug/l
RT: 12.370 min Scan# 3306
Delta R.T. -0.154 min
Lab File: VN065772.D
Acq: 9 Feb 2021 11:09

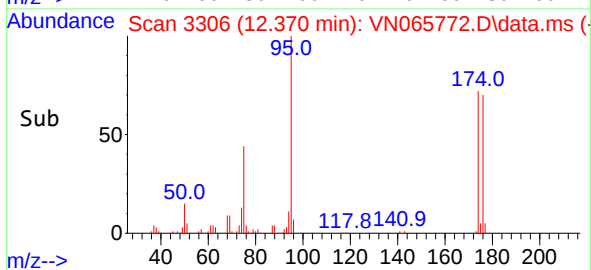
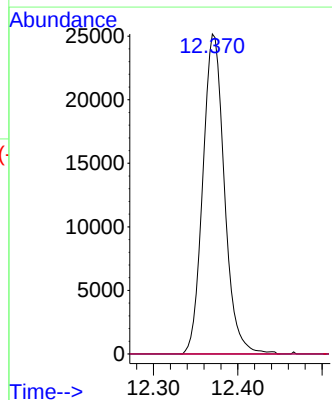
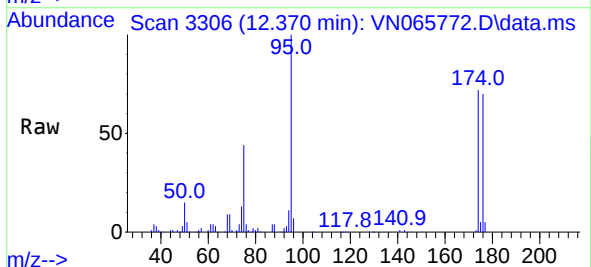
Instrument :
MSVOA_N
ClientSampled :

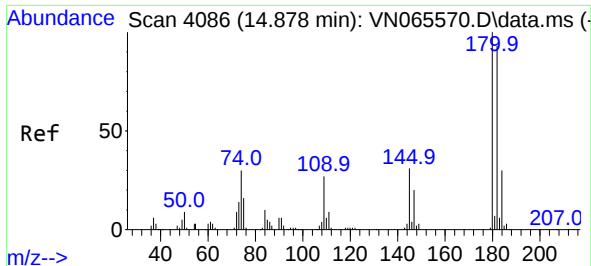
Tgt Ion: 75 Resp: 44847
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.25 ug/l
RT: 12.370 min Scan# 3306
Delta R.T. 0.100 min
Lab File: VN065772.D
Acq: 9 Feb 2021 11:09

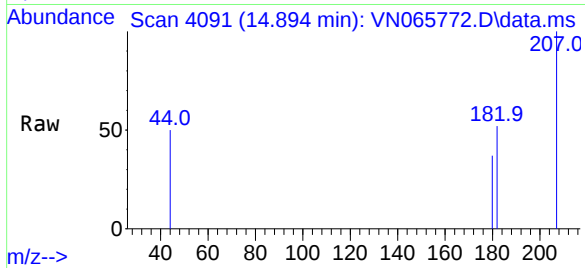
Tgt Ion: 75 Resp: 44847
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#



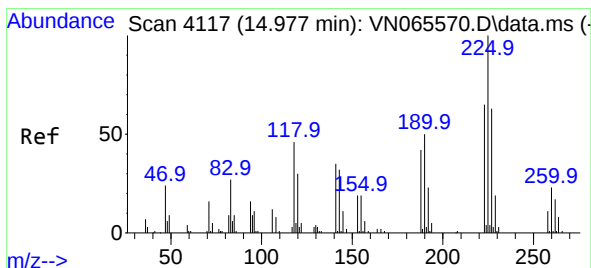
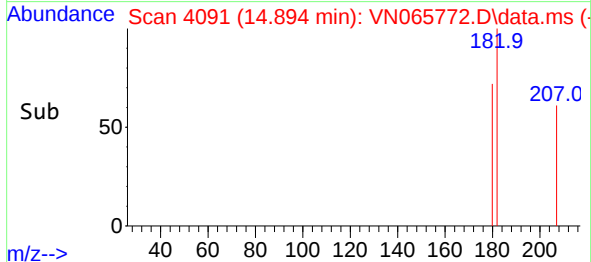
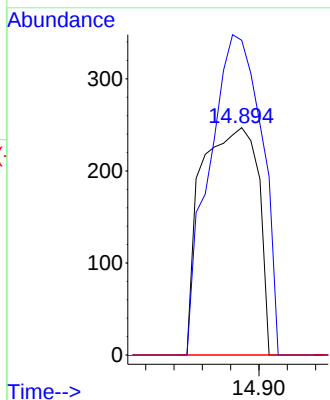


#93
1,2,4-Trichlorobenzene
Concen: 3.57 ug/l
RT: 14.894 min Scan# 4091
Delta R.T. 0.016 min
Lab File: VN065772.D
Acq: 9 Feb 2021 11:09

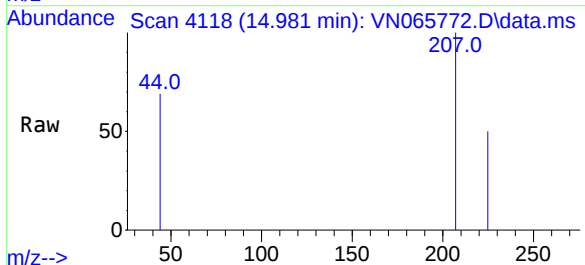
Instrument :
MSVOA_N
ClientSampled :



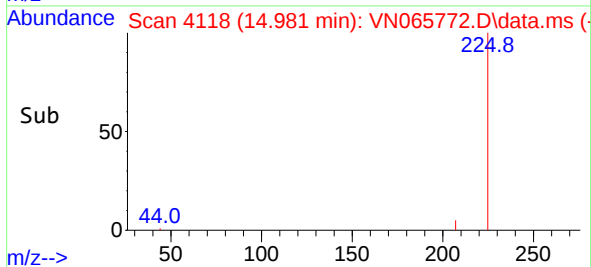
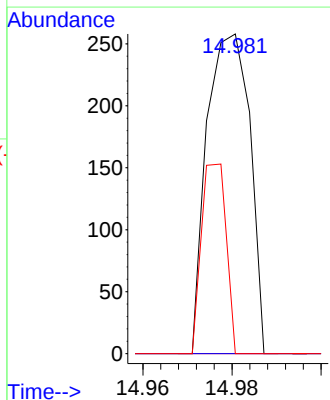
Tgt Ion:180 Resp: 343
Ion Ratio Lower Upper
180 100
182 130.3 47.3 142.0
145 0.0 15.6 46.8#

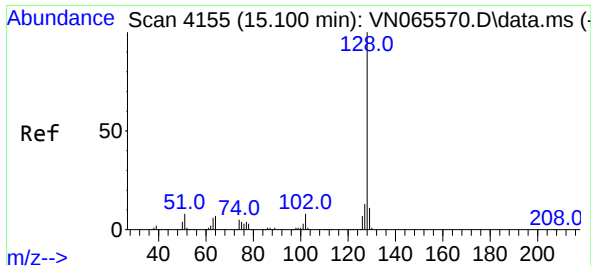


#94
Hexachlorobutadiene
Concen: 0.48 ug/l
RT: 14.981 min Scan# 4118
Delta R.T. 0.004 min
Lab File: VN065772.D
Acq: 9 Feb 2021 11:09



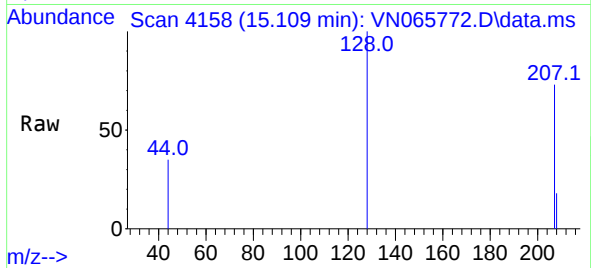
Tgt Ion:225 Resp: 172
Ion Ratio Lower Upper
225 100
223 0.0 31.9 95.9#
227 34.3 31.6 95.0



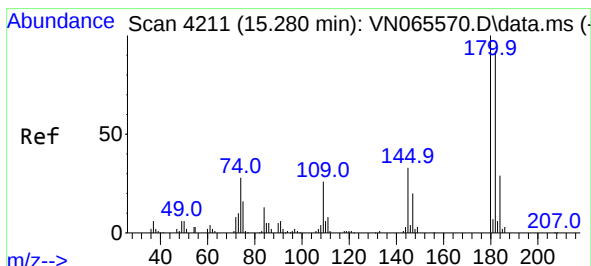
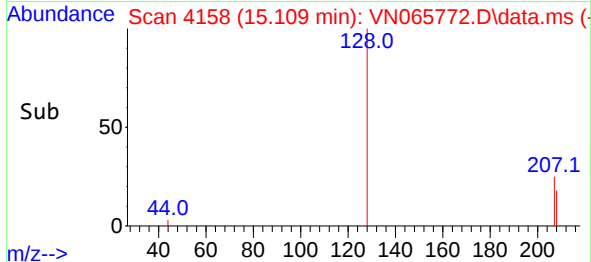
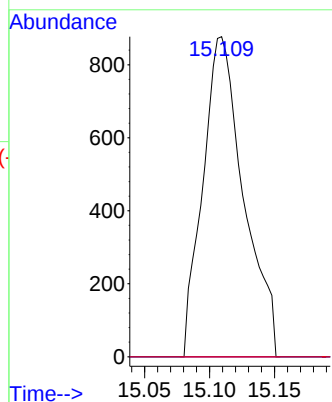


#95
Naphthalene
Concen: 3.81 ug/l
RT: 15.109 min Scan# 4158
Delta R.T. 0.009 min
Lab File: VN065772.D
Acq: 9 Feb 2021 11:09

Instrument :
MSVOA_N
ClientSampled :



Tgt Ion:128 Resp: 1923
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: 3.38 ug/l
RT: 15.283 min Scan# 4212
Delta R.T. 0.003 min
Lab File: VN065772.D
Acq: 9 Feb 2021 11:09

Tgt Ion:180 Resp: 879
Ion Ratio Lower Upper
180 100
182 92.4 47.4 142.3
145 0.0 16.5 49.5#

