

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020421\
 Data File : VN065709.D
 Acq On : 4 Feb 2021 11:35
 Operator : JC/MD
 Sample : VN0204MBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 05 02:14:19 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)

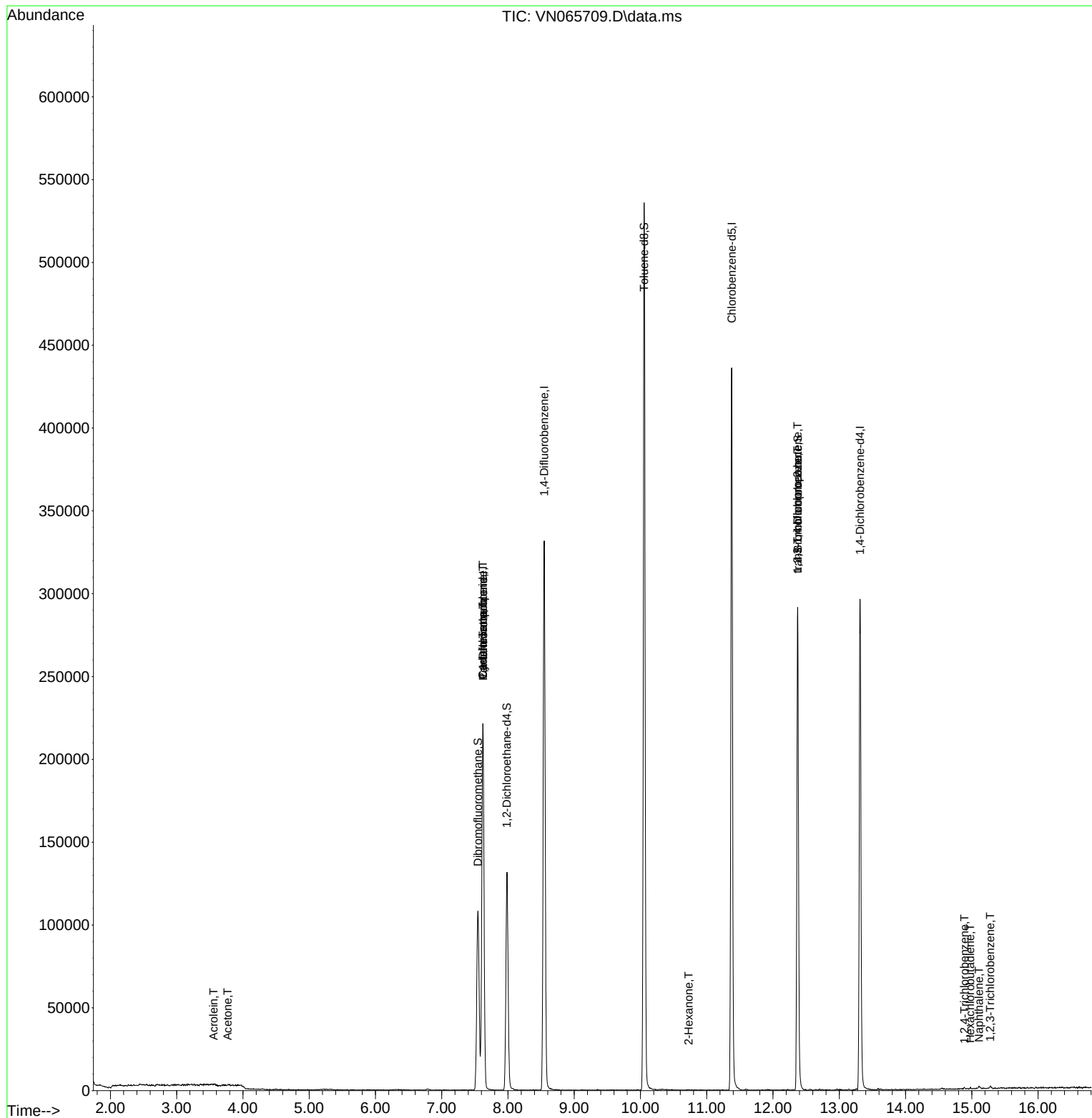
Internal Standards						
1) Pentafluorobenzene	7.624	168	185011	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	309712	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	270407	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	88653	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	108759	44.68	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	89.36%
35) Dibromofluoromethane	7.547	113	89410	48.72	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.44%
50) Toluene-d8	10.055	98	389109	53.94	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	107.88%
62) 4-Bromofluorobenzene	12.373	95	119708	46.08	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.16%
Target Compounds						
					Qvalue	
13) Acrolein	3.557	56	98	18.32	ug/l #	15
16) Acetone	3.769	43	290	0.31	ug/l #	41
31) Cyclohexane	7.621	56	3301	0.72	ug/l #	1
36) 1,1-Dichloropropene	7.621	75	14215	4.56	ug/l #	45
38) Carbon Tetrachloride	7.621	117	17291	6.74	ug/l #	16
59) 2-Hexanone	10.727	43	414	0.20	ug/l #	23
76) 1,2,3-Trichloropropane	12.370	75	54377	23.46	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.370	75	54377	60.08	ug/l #	12
93) 1,2,4-Trichlorobenzene	14.891	180	375	3.56	ug/l #	89
94) Hexachlorobutadiene	14.977	225	305	0.63	ug/l #	38
95) Naphthalene	15.109	128	2281	3.82	ug/l #	75
96) 1,2,3-Trichlorobenzene	15.280	180	728	3.23	ug/l #	85

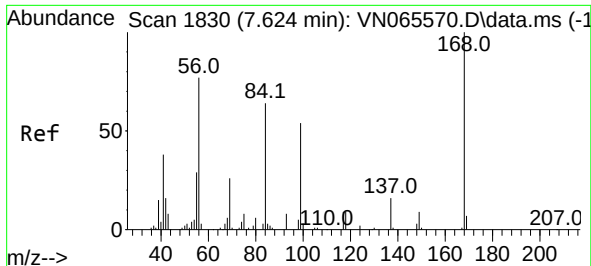
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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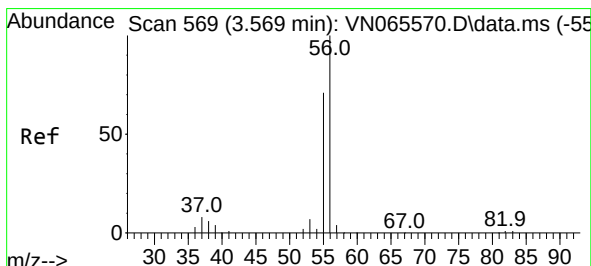
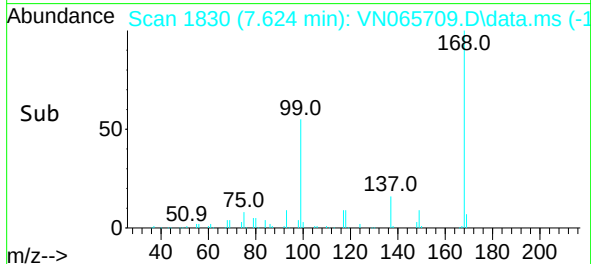
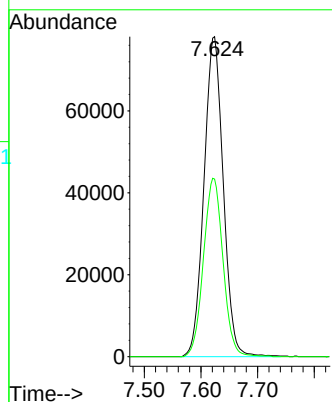
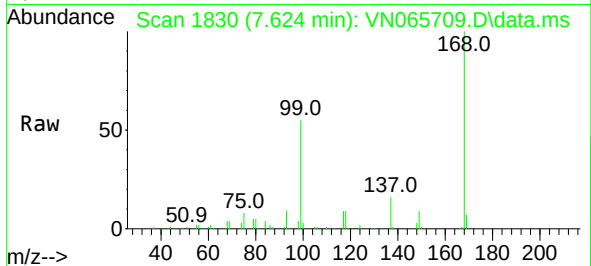




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN065709.D
Acq: 4 Feb 2021 11:35

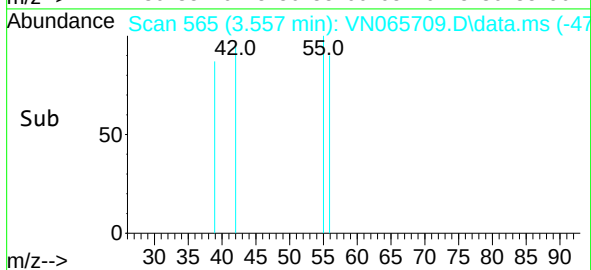
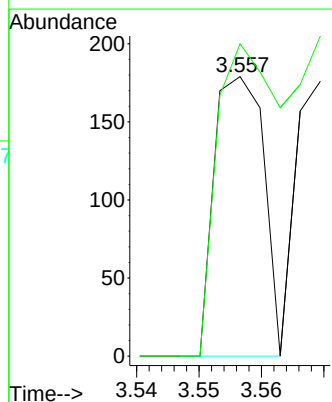
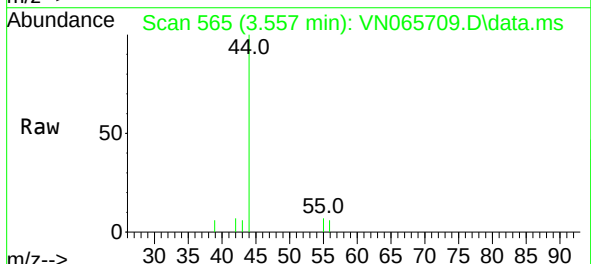
Instrument :
MSVOA_N
ClientSampled :

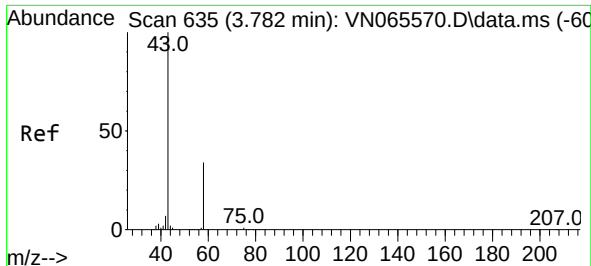
Tgt Ion:168 Resp: 185011
Ion Ratio Lower Upper
168 100
99 55.5 42.6 63.8



#13
Acrolein
Concen: 18.32 ug/l
RT: 3.557 min Scan# 565
Delta R.T. -0.012 min
Lab File: VN065709.D
Acq: 4 Feb 2021 11:35

Tgt Ion: 56 Resp: 98
Ion Ratio Lower Upper
56 100
55 139.8 56.0 84.0#

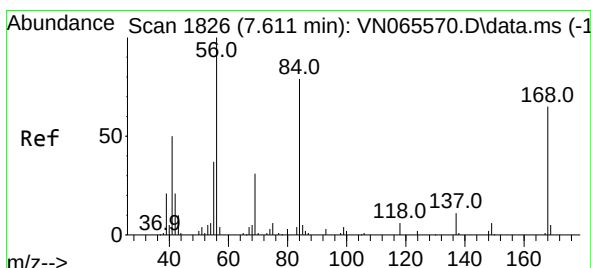
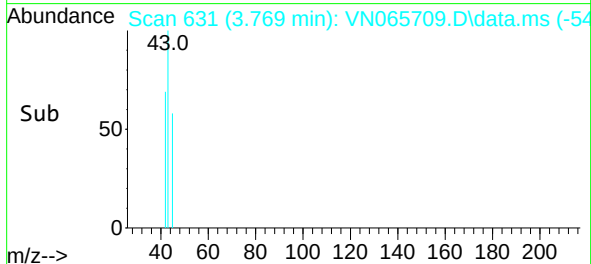
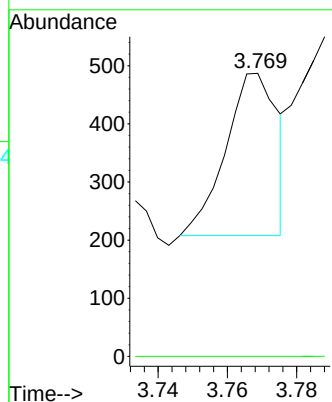
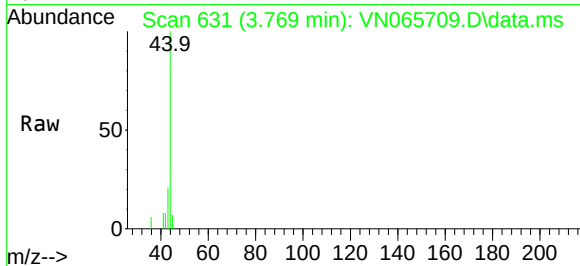




#16
Acetone
Concen: 0.31 ug/l
RT: 3.769 min Scan# 631
Delta R.T. -0.013 min
Lab File: VN065709.D
Acq: 4 Feb 2021 11:35

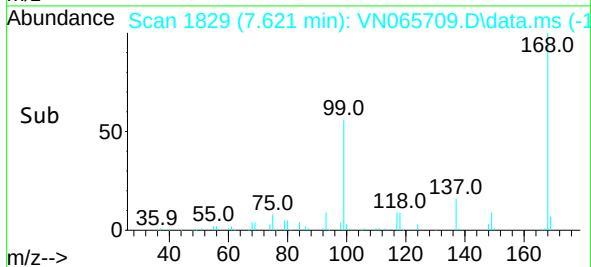
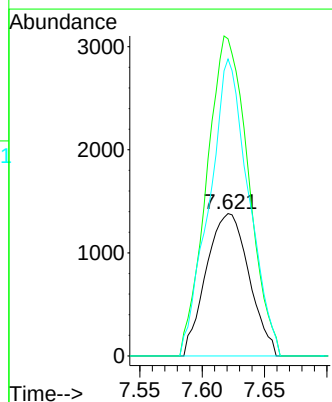
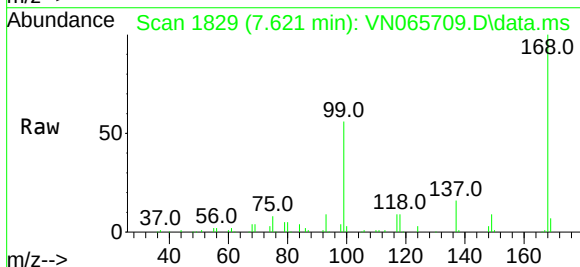
Instrument :
MSVOA_N
ClientSampled :

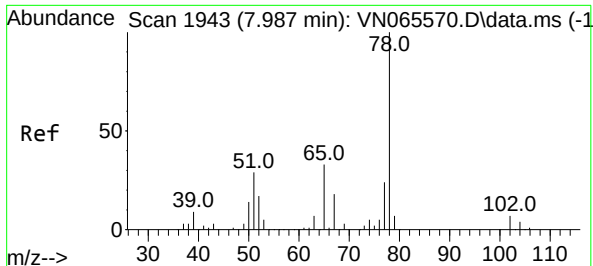
Tgt Ion: 43 Resp: 290
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.6#



#31
Cyclohexane
Concen: 0.72 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. 0.010 min
Lab File: VN065709.D
Acq: 4 Feb 2021 11:35

Tgt Ion: 56 Resp: 3301
Ion Ratio Lower Upper
56 100
69 222.7 26.6 39.8#
84 208.6 70.4 105.6#

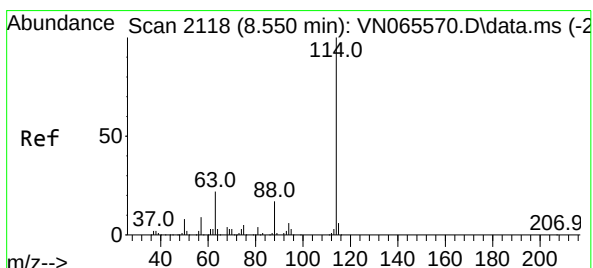
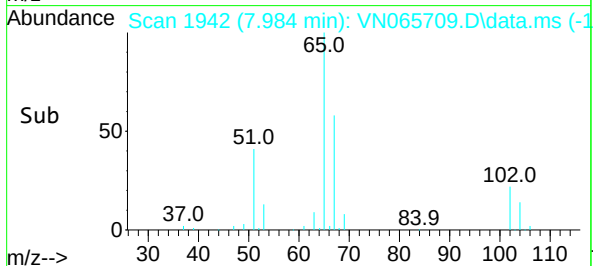
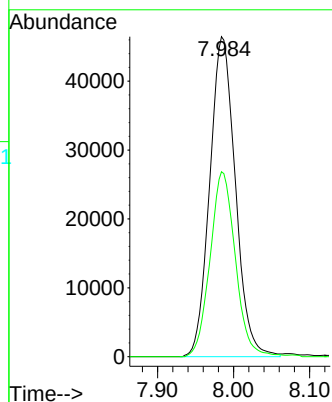
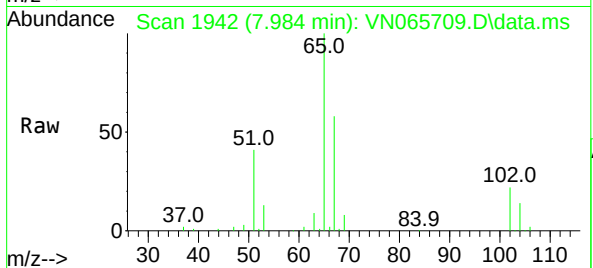




#33
1,2-Dichloroethane-d4
Concen: 44.68 ug/l
RT: 7.984 min Scan# 1942
Delta R.T. -0.003 min
Lab File: VN065709.D
Acq: 4 Feb 2021 11:35

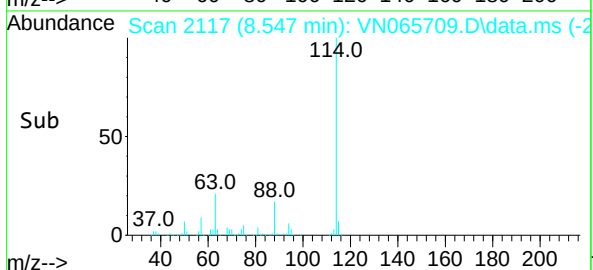
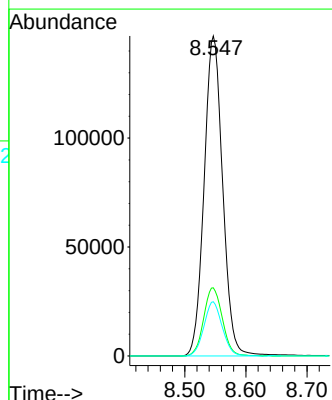
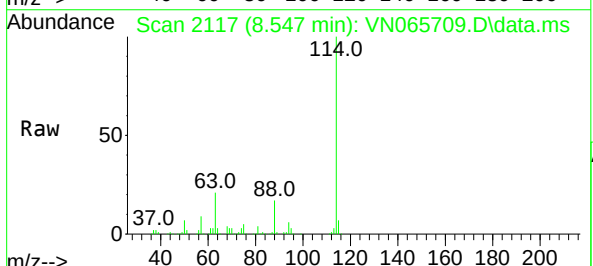
Instrument :
MSVOA_N
ClientSampled :

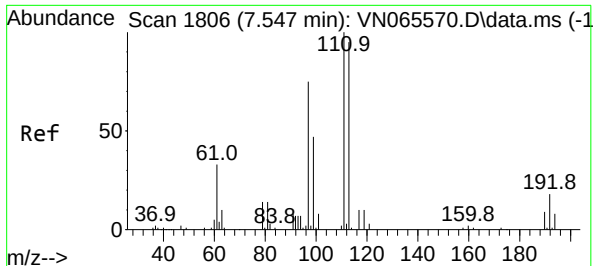
Tgt Ion: 65 Resp: 108759
Ion Ratio Lower Upper
65 100
67 57.1 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VN065709.D
Acq: 4 Feb 2021 11:35

Tgt Ion: 114 Resp: 309712
Ion Ratio Lower Upper
114 100
63 21.3 0.0 38.6
88 17.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.72 ug/l

RT: 7.547 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN065709.D

Acq: 4 Feb 2021 11:35

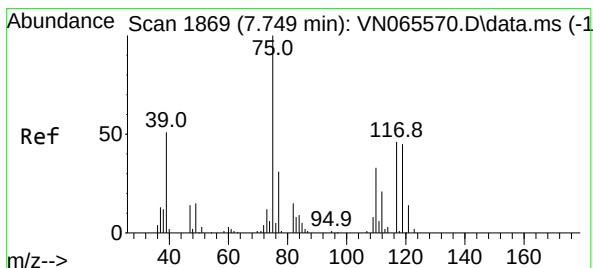
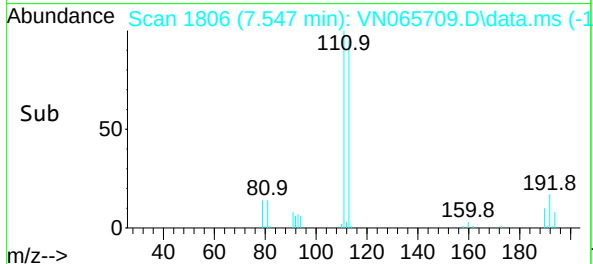
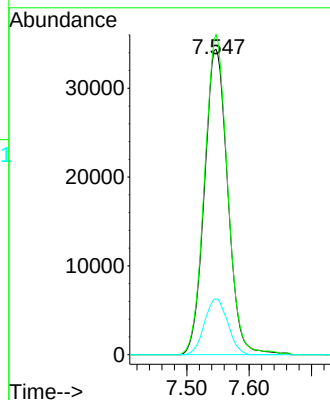
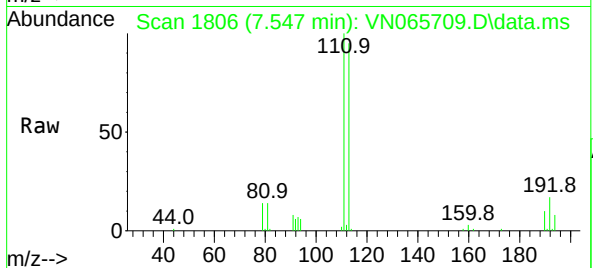
Tgt Ion:113 Resp: 89410

Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.2

192 18.1 15.4 23.0



#36

1,1-Dichloropropene

Concen: 4.56 ug/l

RT: 7.621 min Scan# 1829

Delta R.T. -0.128 min

Lab File: VN065709.D

Acq: 4 Feb 2021 11:35

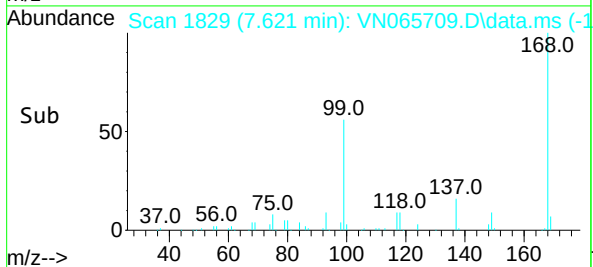
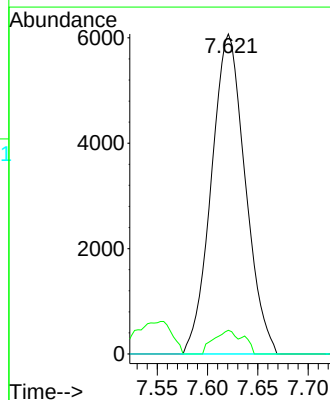
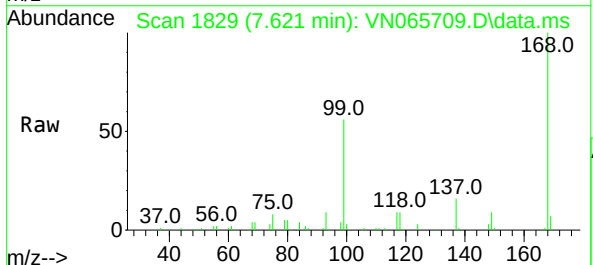
Tgt Ion: 75 Resp: 14215

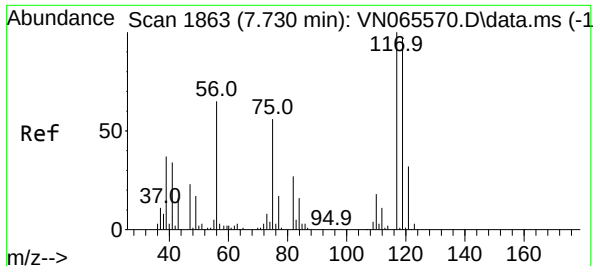
Ion Ratio Lower Upper

75 100

110 4.9 18.2 54.6#

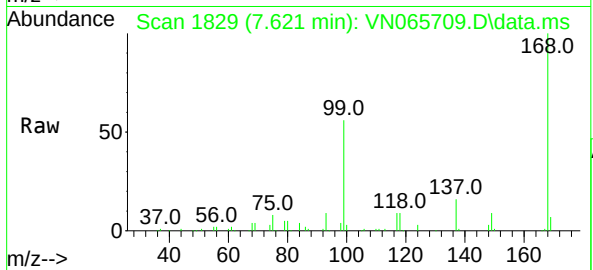
77 0.0 24.9 37.3#



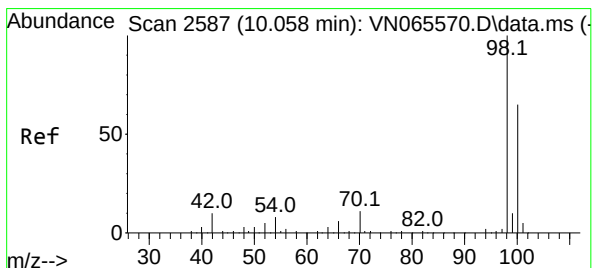
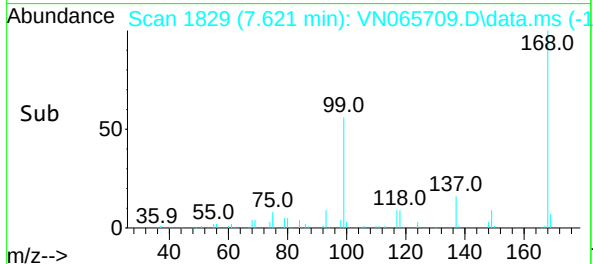
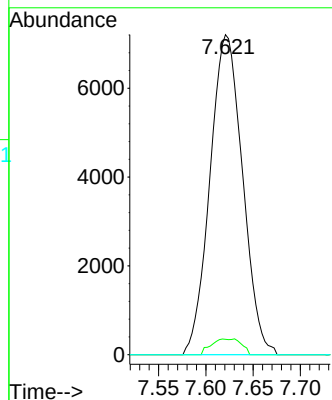


#38
Carbon Tetrachloride
Concen: 6.74 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.109 min
Lab File: VN065709.D
Acq: 4 Feb 2021 11:35

Instrument :
MSVOA_N
ClientSampled :

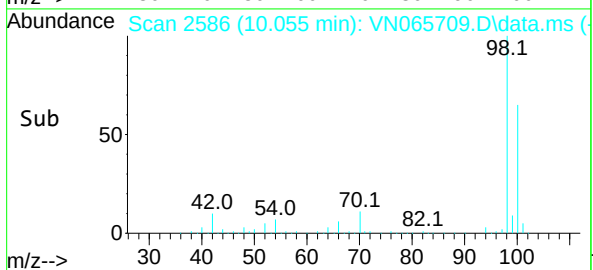
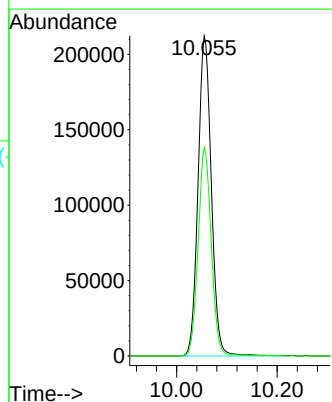
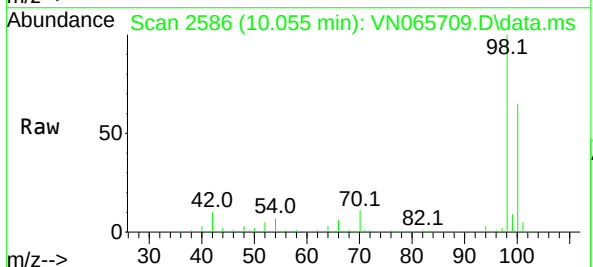


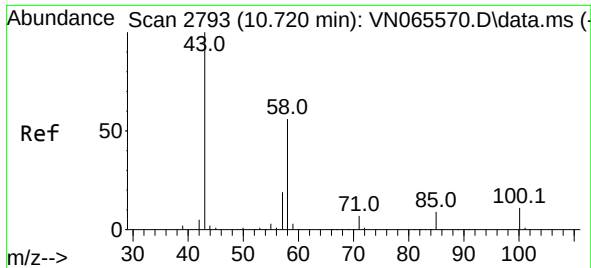
Tgt Ion:117 Resp: 17291
Ion Ratio Lower Upper
117 100
119 4.8 76.0 114.0#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 53.94 ug/l
RT: 10.055 min Scan# 2586
Delta R.T. -0.003 min
Lab File: VN065709.D
Acq: 4 Feb 2021 11:35

Tgt Ion: 98 Resp: 389109
Ion Ratio Lower Upper
98 100
100 64.6 50.5 75.7

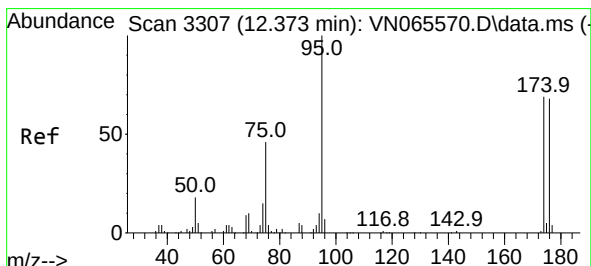
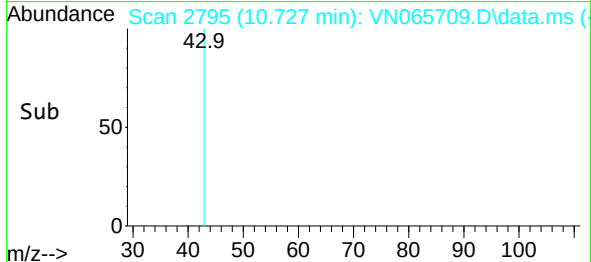
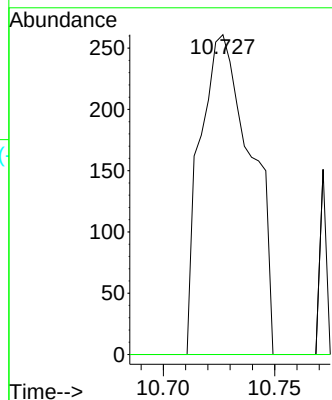
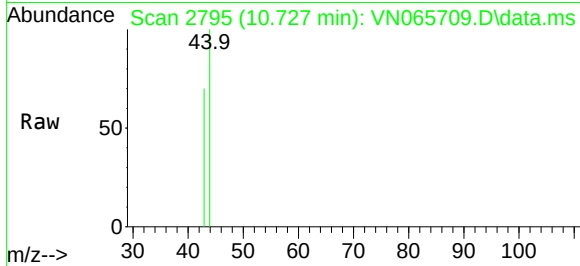




#59
2-Hexanone
Concen: 0.20 ug/l
RT: 10.727 min Scan# 2795
Delta R.T. 0.007 min
Lab File: VN065709.D
Acq: 4 Feb 2021 11:35

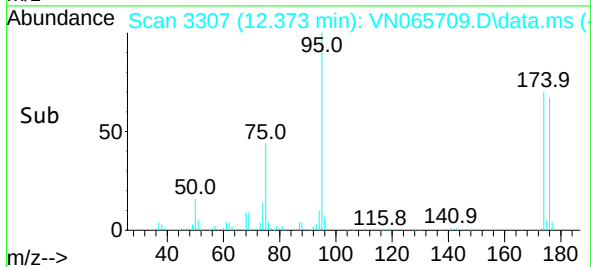
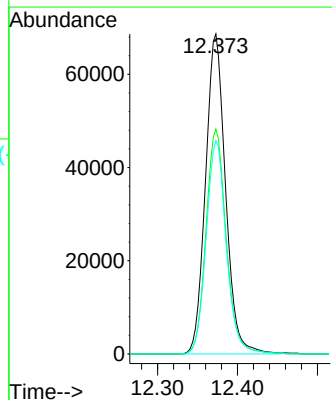
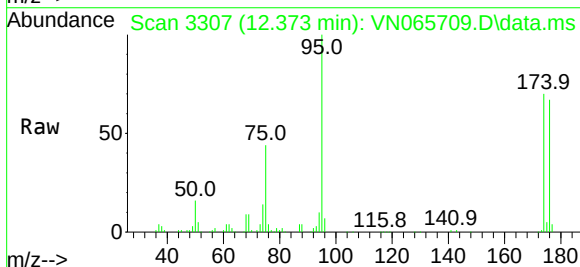
Instrument :
MSVOA_N
ClientSampled :

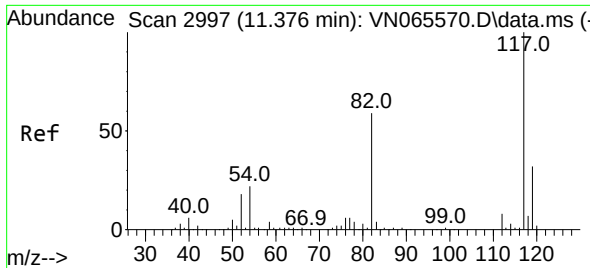
Tgt Ion: 43 Resp: 414
Ion Ratio Lower Upper
43 100
58 0.0 28.1 84.3#



#62
4-Bromofluorobenzene
Concen: 46.08 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.000 min
Lab File: VN065709.D
Acq: 4 Feb 2021 11:35

Tgt Ion: 95 Resp: 119708
Ion Ratio Lower Upper
95 100
174 70.8 0.0 169.0
176 67.1 0.0 162.4

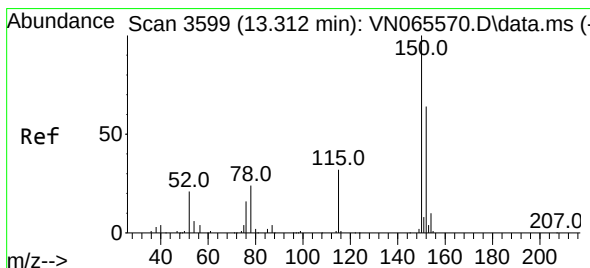
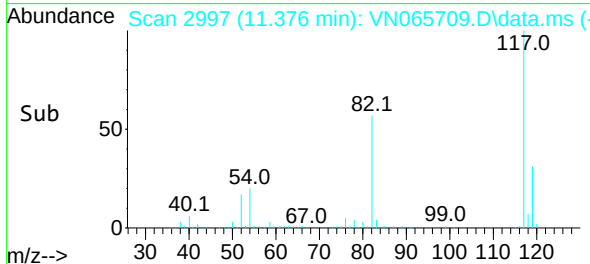
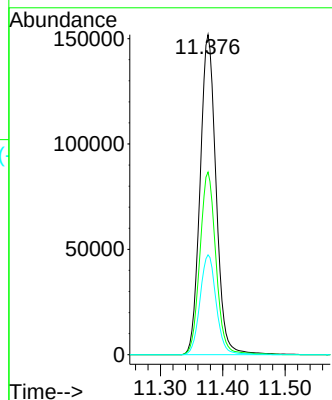
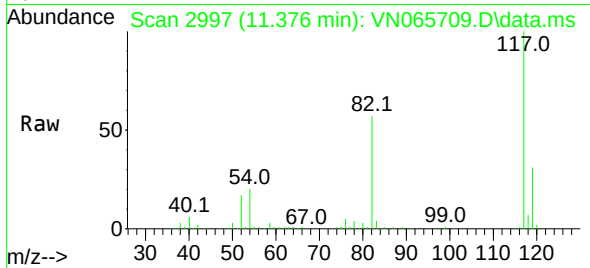




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065709.D
Acq: 4 Feb 2021 11:35

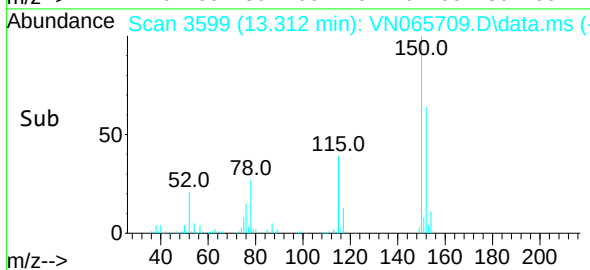
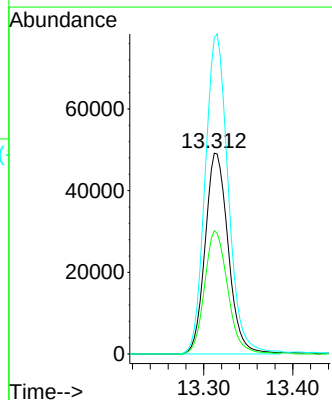
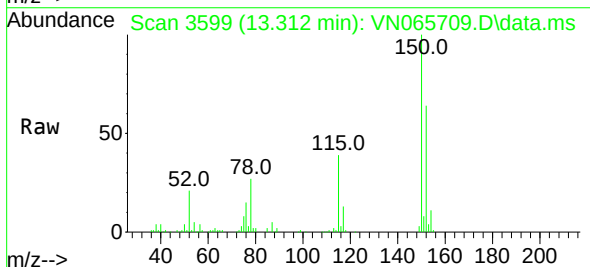
Instrument :
MSVOA_N
ClientSampled :

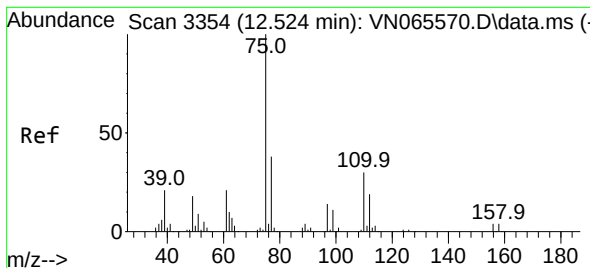
Tgt Ion:117 Resp: 270407
Ion Ratio Lower Upper
117 100
82 57.1 43.7 65.5
119 31.2 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.312 min Scan# 3599
Delta R.T. -0.000 min
Lab File: VN065709.D
Acq: 4 Feb 2021 11:35

Tgt Ion:152 Resp: 88653
Ion Ratio Lower Upper
152 100
115 61.4 28.5 85.6
150 159.3 0.0 347.6

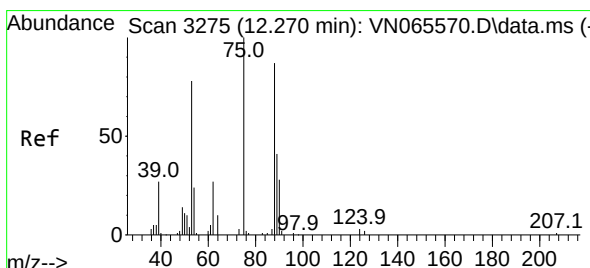
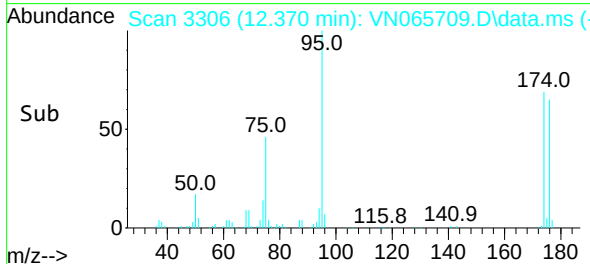
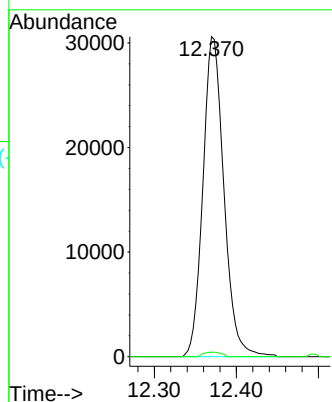
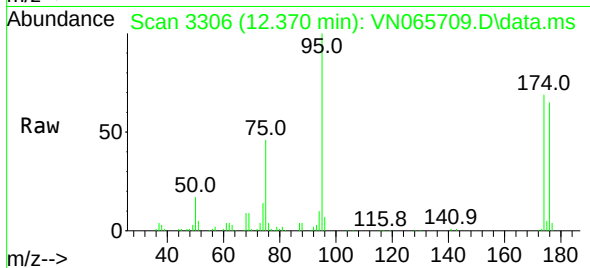




#76
1,2,3-Trichloropropane
Concen: 23.46 ug/l
RT: 12.370 min Scan# 3306
Delta R.T. -0.154 min
Lab File: VN065709.D
Acq: 4 Feb 2021 11:35

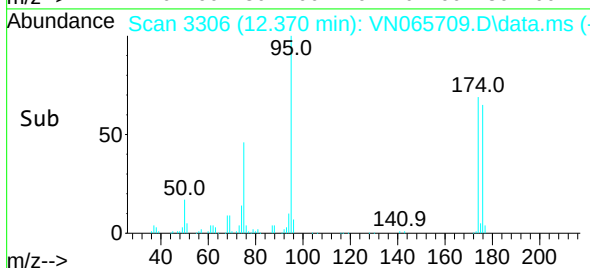
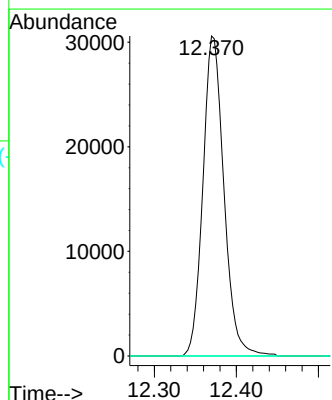
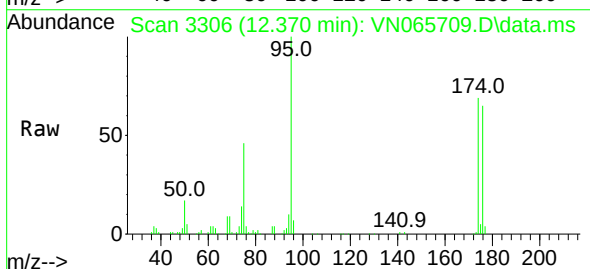
Instrument :
MSVOA_N
ClientSampled :

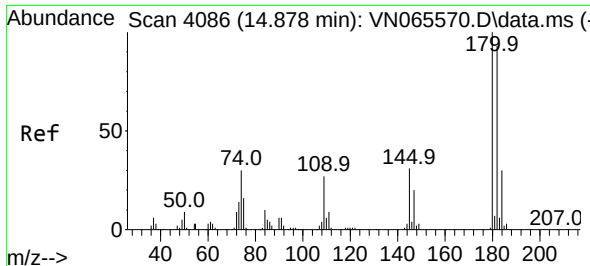
Tgt Ion: 75 Resp: 54377
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.08 ug/l
RT: 12.370 min Scan# 3306
Delta R.T. 0.100 min
Lab File: VN065709.D
Acq: 4 Feb 2021 11:35

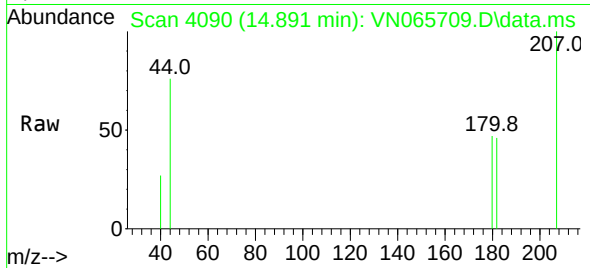
Tgt Ion: 75 Resp: 54377
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#



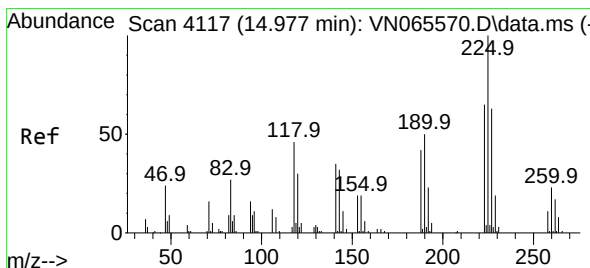
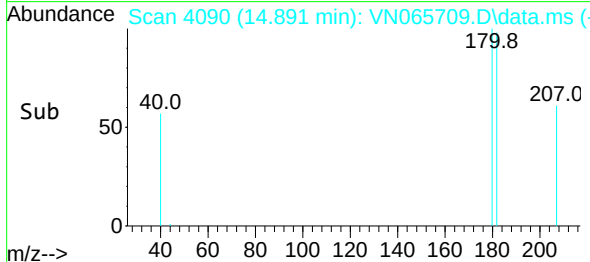
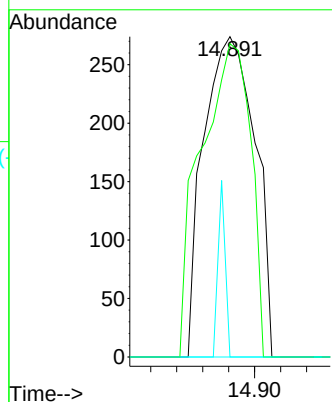


#93
1,2,4-Trichlorobenzene
Concen: 3.56 ug/l
RT: 14.891 min Scan# 4090
Delta R.T. 0.013 min
Lab File: VN065709.D
Acq: 4 Feb 2021 11:35

Instrument :
MSVOA_N
ClientSampled :

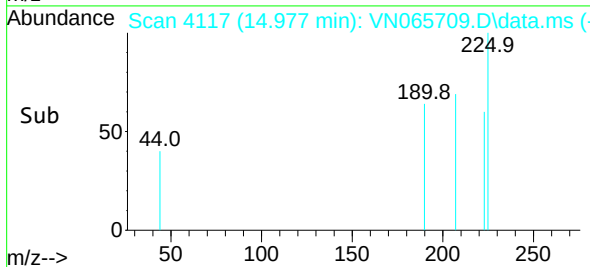
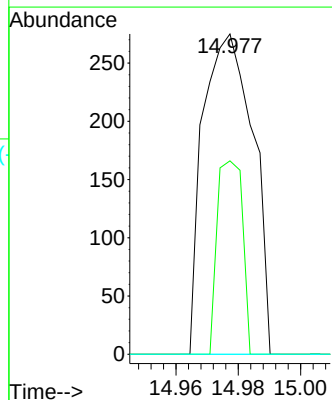
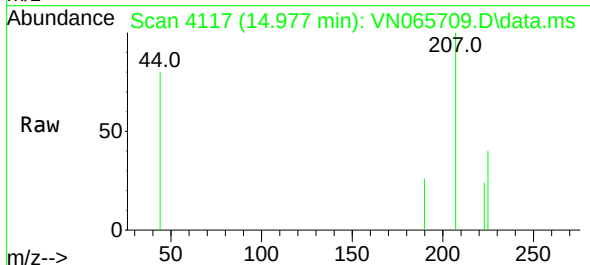


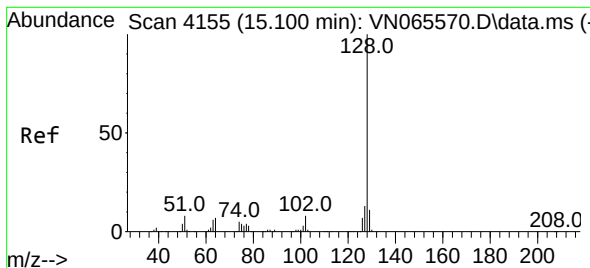
Tgt Ion:180 Resp: 375
Ion Ratio Lower Upper
180 100
182 95.2 47.3 142.0
145 7.7 15.6 46.8#



#94
Hexachlorobutadiene
Concen: 0.63 ug/l
RT: 14.977 min Scan# 4117
Delta R.T. 0.000 min
Lab File: VN065709.D
Acq: 4 Feb 2021 11:35

Tgt Ion:225 Resp: 305
Ion Ratio Lower Upper
225 100
223 30.5 31.9 95.9#
227 0.0 31.6 95.0#

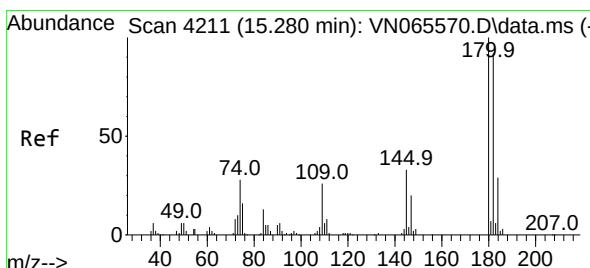
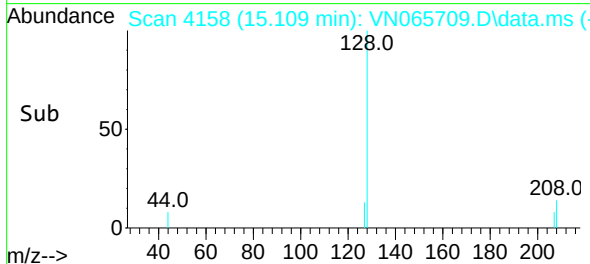
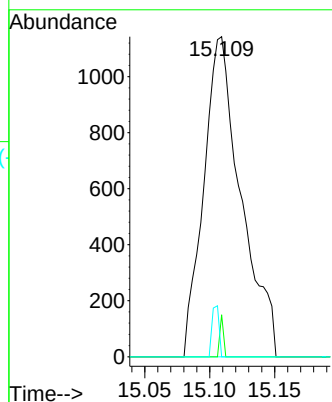
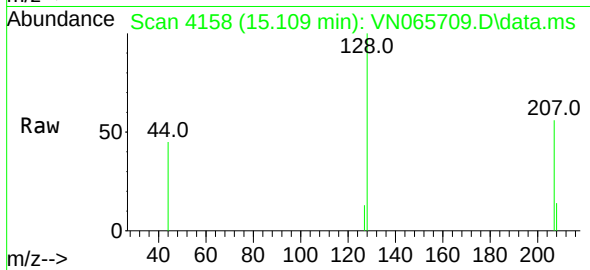




#95
Naphthalene
Concen: 3.82 ug/l
RT: 15.109 min Scan# 4158
Delta R.T. 0.009 min
Lab File: VN065709.D
Acq: 4 Feb 2021 11:35

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:128 Resp: 2281
Ion Ratio Lower Upper
128 100
127 1.3 10.2 15.2#
129 3.0 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 3.23 ug/l
RT: 15.280 min Scan# 4211
Delta R.T. -0.000 min
Lab File: VN065709.D
Acq: 4 Feb 2021 11:35

Tgt Ion:180 Resp: 728
Ion Ratio Lower Upper
180 100
182 102.6 47.4 142.3
145 13.5 16.5 49.5#

