

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050821\
 Data File : VN067059.D
 Acq On : 7 May 2021 18:34
 Operator : JC/MD
 Sample : VN0508WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 08 03:28:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050421W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 05 07:24:52 2021
 Response via : Initial Calibration

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

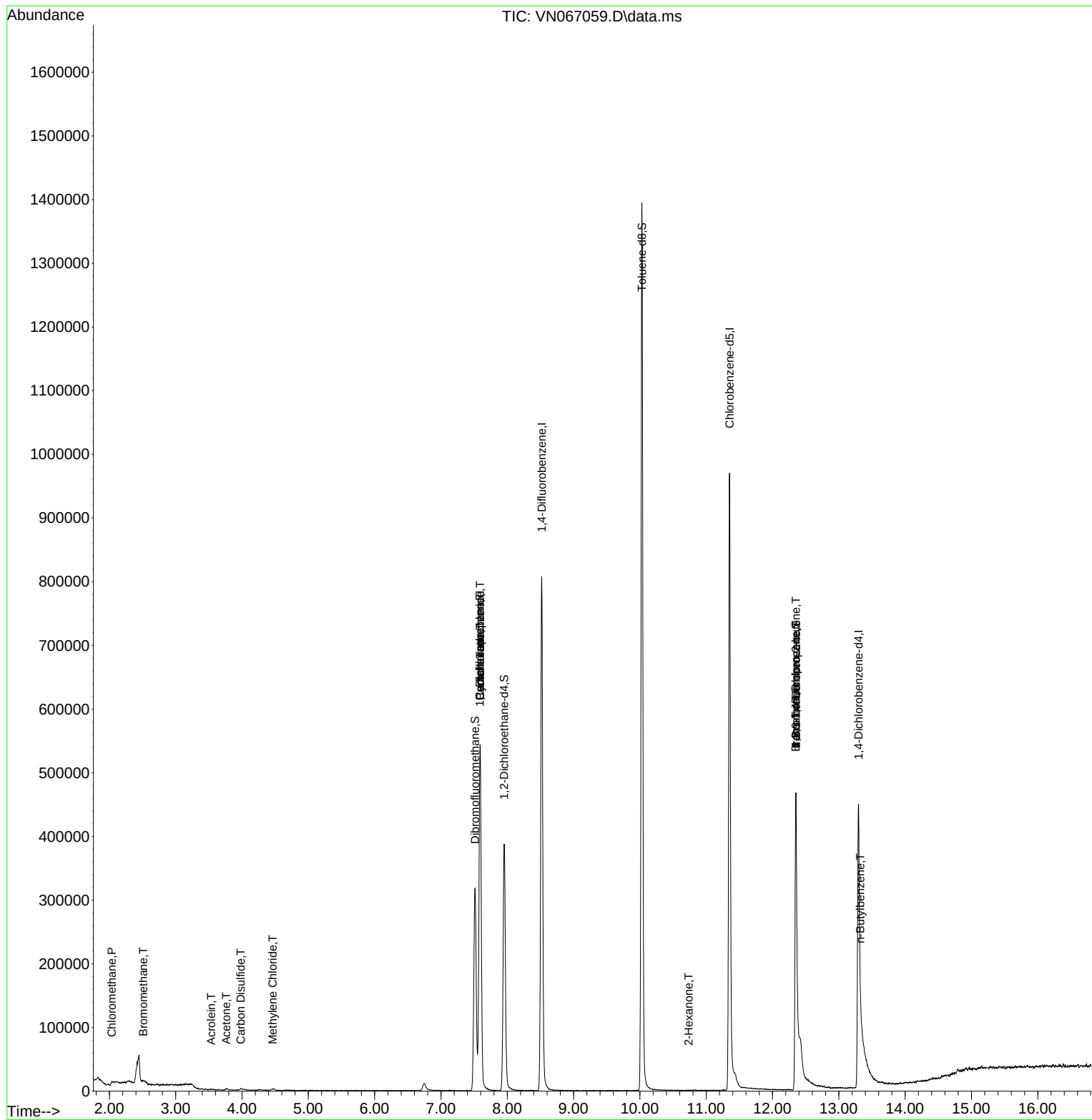
Internal Standards						
1) Pentafluorobenzene	7.589	168	414460	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.520	114	691011	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.352	117	590665	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.297	152	192037	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.954	65	354675	54.37	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	= 108.74%		
35) Dibromofluoromethane	7.514	113	247907	52.83	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	= 105.66%		
50) Toluene-d8	10.030	98	966273	54.07	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	= 108.14%		
62) 4-Bromofluorobenzene	12.353	95	213650	35.31	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	= 70.62%		
Target Compounds						
						Qvalue
3) Chloromethane	2.035	50	1662	0.21	ug/l	# 77
5) Bromomethane	2.510	94	1121	0.27	ug/l	# 46
13) Acrolein	3.534	56	447	0.58	ug/l	# 1
16) Acetone	3.762	43	2644	1.15	ug/l	# 88
17) Carbon Disulfide	3.982	76	3938	0.28	ug/l	# 90
20) Methylene Chloride	4.462	84	1839	0.32	ug/l	# 73
31) Cyclohexane	7.589	56	9801	1.07	ug/l	# 1
36) 1,1-Dichloropropene	7.587	75	35715	4.96	ug/l	# 46
38) Carbon Tetrachloride	7.589	117	43738	5.83	ug/l	# 16
59) 2-Hexanone	10.735	43	59	28.38	ug/l	# 23
71) Bromoform	12.350	173	1701	0.48	ug/l	# 1
76) 1,2,3-Trichloropropane	12.353	75	110950	24.25	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.353	75	110950	73.15	ug/l	# 12
89) n-Butylbenzene	13.323	91	265	5.26	ug/l	# 48

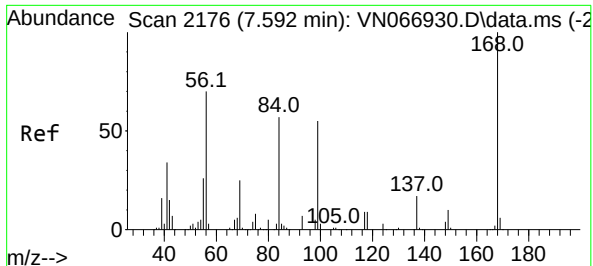
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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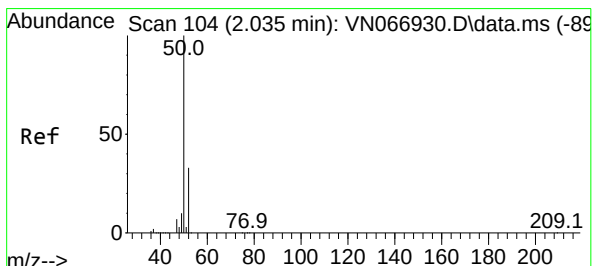
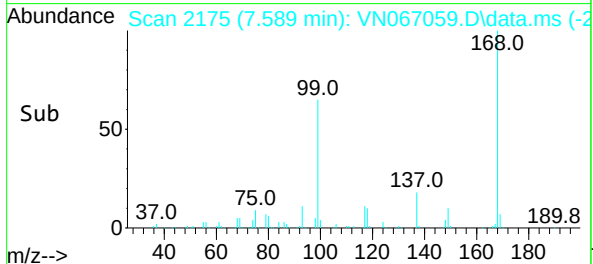
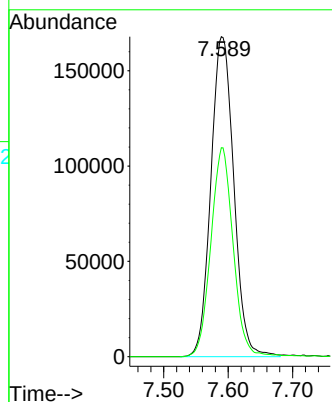
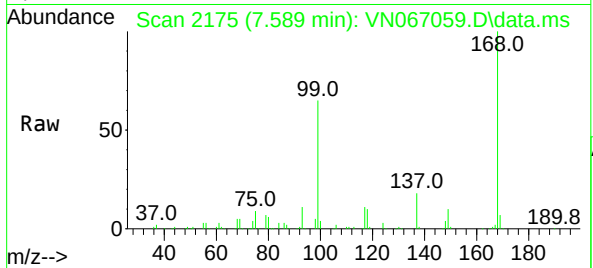




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.589 min Scan# 2175
Delta R.T. -0.003 min
Lab File: VN067059.D
Acq: 7 May 2021 18:34

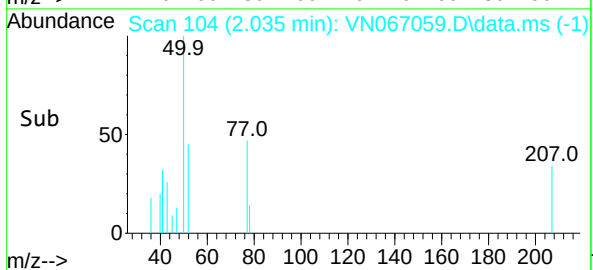
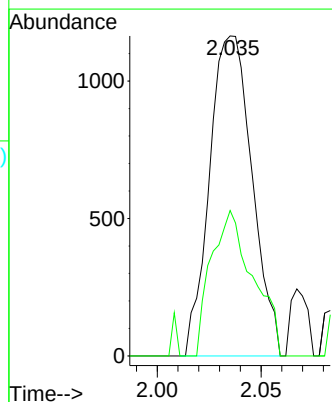
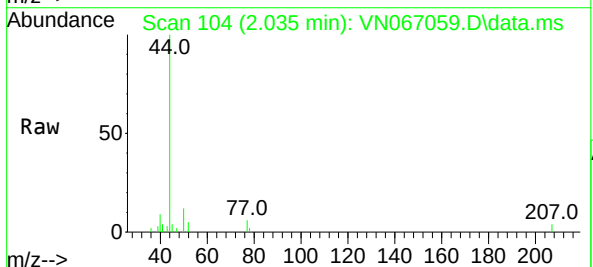
Instrument :
MSVOA_N
ClientSampleId :

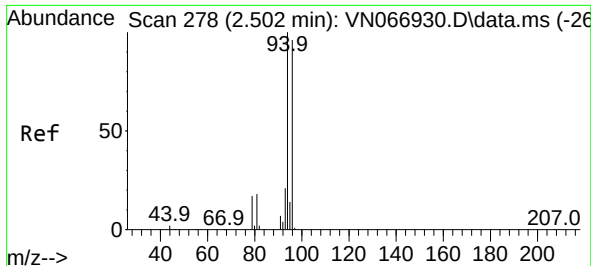
Tgt Ion:168 Resp: 414460
Ion Ratio Lower Upper
168 100
99 65.3 42.6 63.8#



#3
Chloromethane
Concen: 0.21 ug/l
RT: 2.035 min Scan# 104
Delta R.T. 0.000 min
Lab File: VN067059.D
Acq: 7 May 2021 18:34

Tgt Ion: 50 Resp: 1662
Ion Ratio Lower Upper
50 100
52 45.4 25.8 38.8#

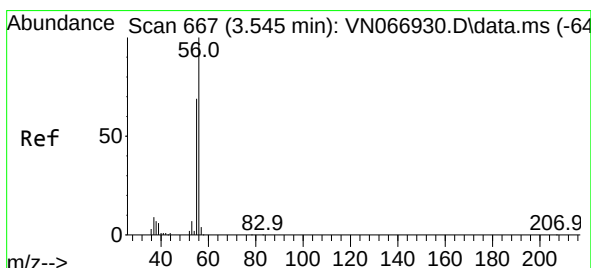
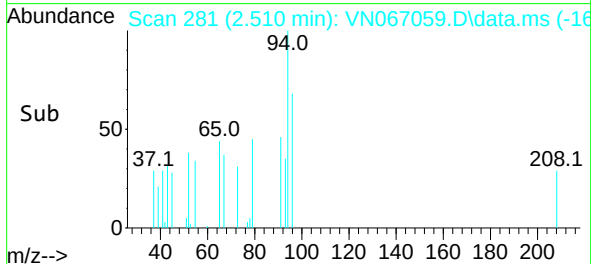
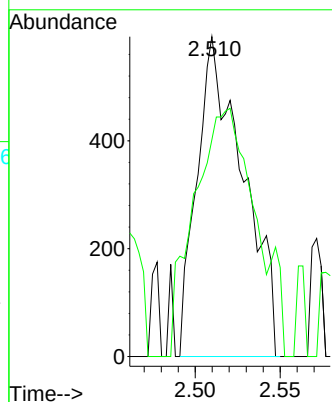
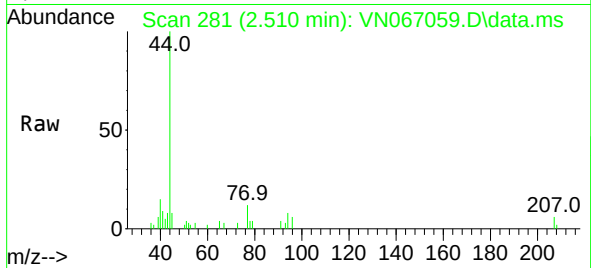




#5
Bromomethane
Concen: 0.27 ug/l
RT: 2.510 min Scan# 281
Delta R.T. 0.008 min
Lab File: VN067059.D
Acq: 7 May 2021 18:34

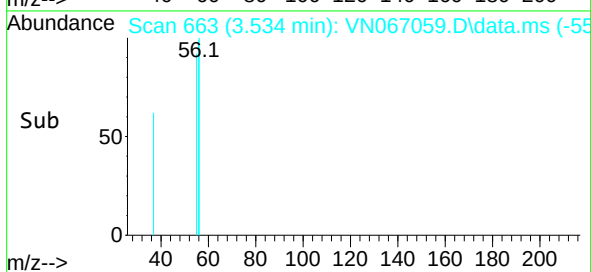
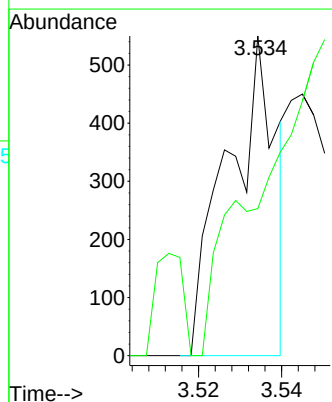
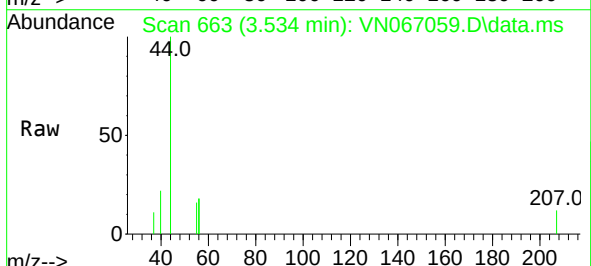
Instrument :
MSVOA_N
ClientSampleId :

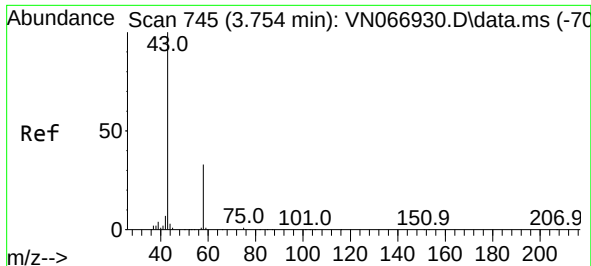
Tgt Ion: 94 Resp: 1121
Ion Ratio Lower Upper
94 100
96 40.0 73.0 109.4#



#13
Acrolein
Concen: 0.58 ug/l
RT: 3.534 min Scan# 663
Delta R.T. -0.011 min
Lab File: VN067059.D
Acq: 7 May 2021 18:34

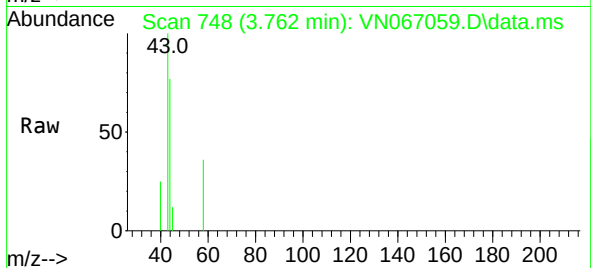
Tgt Ion: 56 Resp: 447
Ion Ratio Lower Upper
56 100
55 245.6 56.0 84.0#



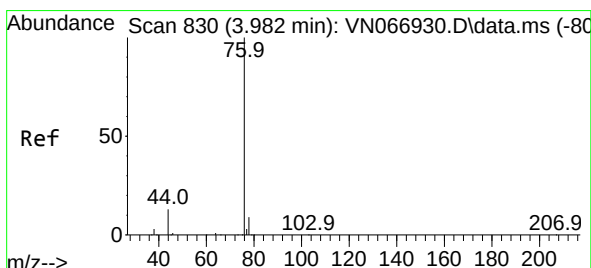
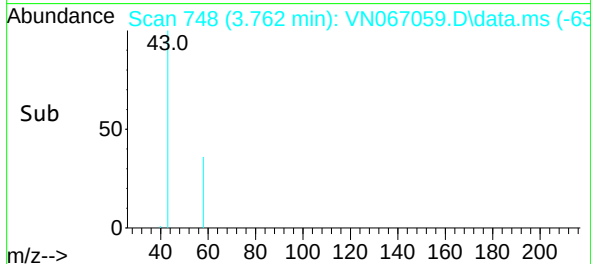
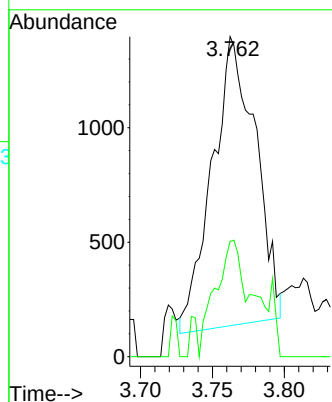


#16
Acetone
Concen: 1.15 ug/l
RT: 3.762 min Scan# 748
Delta R.T. 0.008 min
Lab File: VN067059.D
Acq: 7 May 2021 18:34

Instrument :
MSVOA_N
ClientSampled :

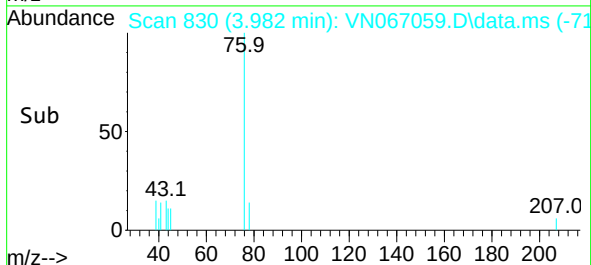
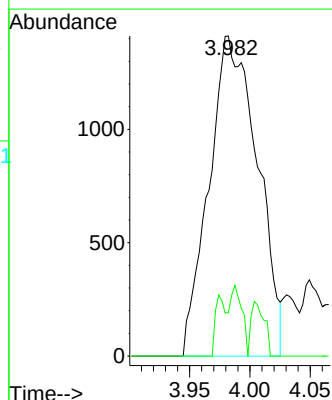
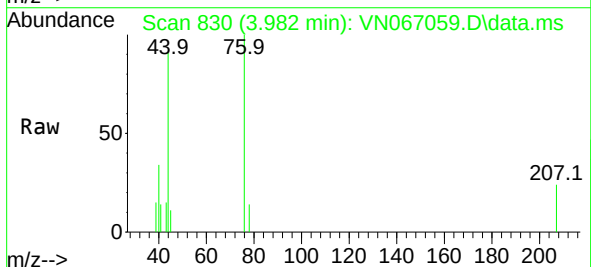


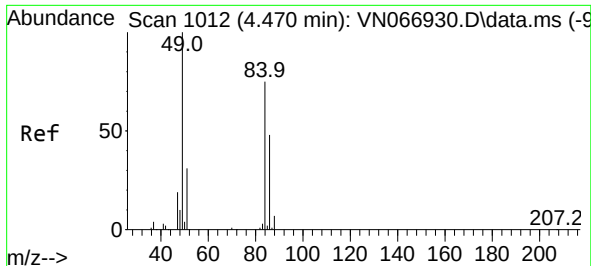
Tgt Ion: 43 Resp: 2644
Ion Ratio Lower Upper
43 100
58 40.9 27.0 40.6#



#17
Carbon Disulfide
Concen: 0.28 ug/l
RT: 3.982 min Scan# 830
Delta R.T. 0.000 min
Lab File: VN067059.D
Acq: 7 May 2021 18:34

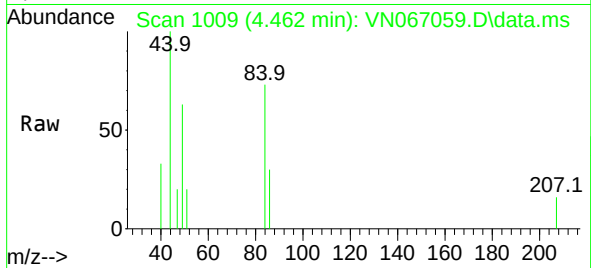
Tgt Ion: 76 Resp: 3938
Ion Ratio Lower Upper
76 100
78 13.5 7.8 11.6#





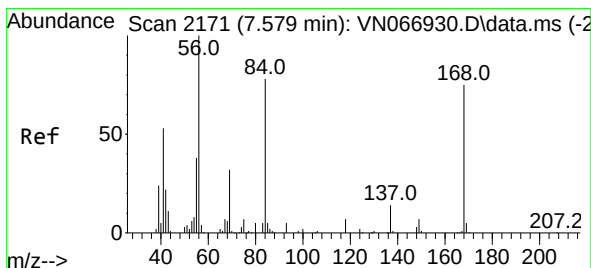
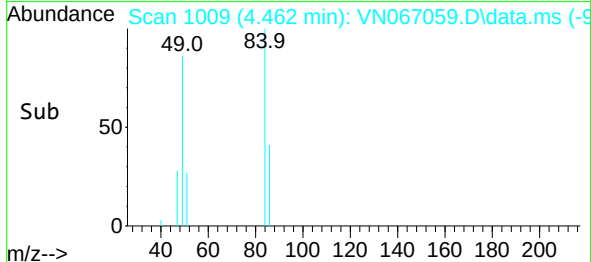
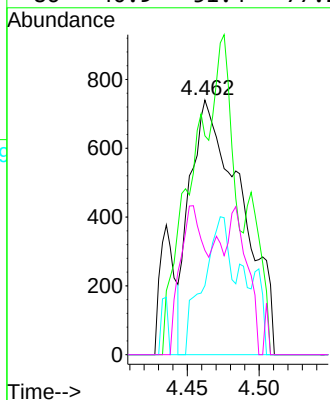
#20
Methylene Chloride
Concen: 0.32 ug/l
RT: 4.462 min Scan# 1009
Delta R.T. -0.008 min
Lab File: VN067059.D
Acq: 7 May 2021 18:34

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 1839

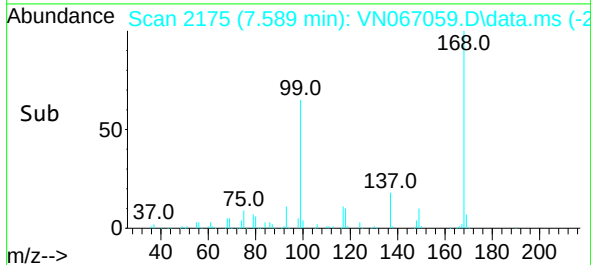
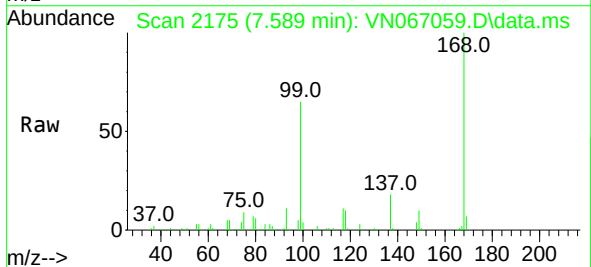
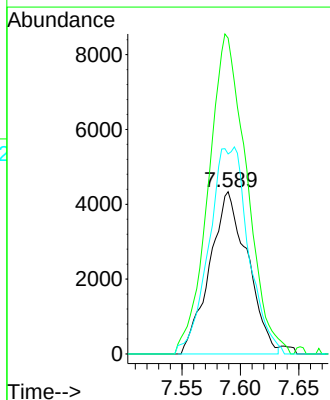
Ion	Ratio	Lower	Upper
84	100		
49	85.9	94.6	141.8#
51	27.2	29.9	44.9#
86	40.9	51.4	77.2#

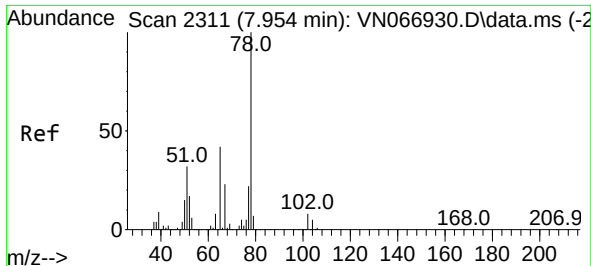


#31
Cyclohexane
Concen: 1.07 ug/l
RT: 7.589 min Scan# 2175
Delta R.T. 0.010 min
Lab File: VN067059.D
Acq: 7 May 2021 18:34

Tgt Ion: 56 Resp: 9801

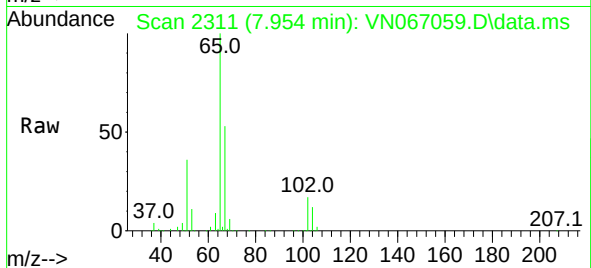
Ion	Ratio	Lower	Upper
56	100		
69	188.7	26.6	39.8#
84	118.2	70.4	105.6#



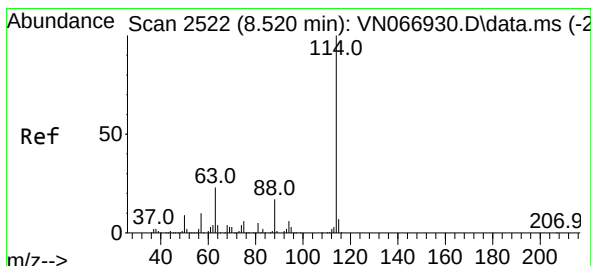
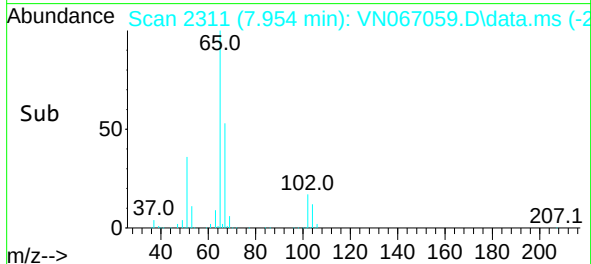
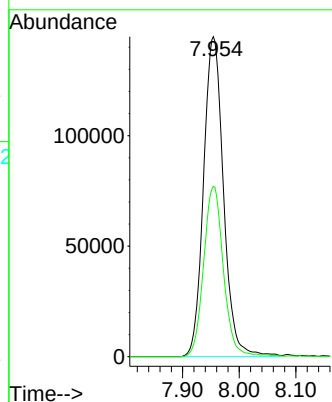


#33
 1,2-Dichloroethane-d4
 Concen: 54.37 ug/l
 RT: 7.954 min Scan# 2311
 Delta R.T. 0.000 min
 Lab File: VN067059.D
 Acq: 7 May 2021 18:34

Instrument :
 MSVOA_N
 ClientSampleId :

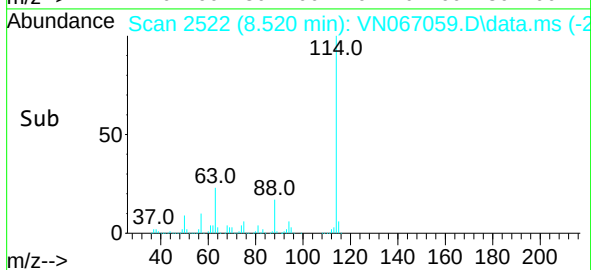
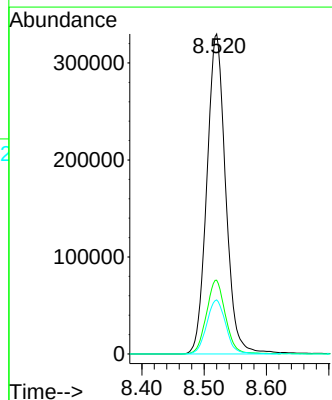
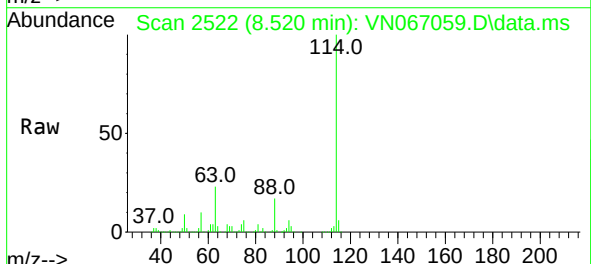


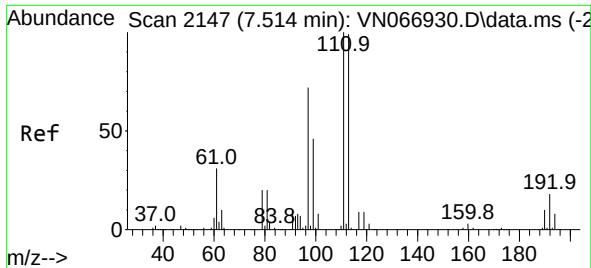
Tgt Ion: 65 Resp: 354675
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.520 min Scan# 2522
 Delta R.T. 0.000 min
 Lab File: VN067059.D
 Acq: 7 May 2021 18:34

Tgt Ion: 114 Resp: 691011
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 38.6
 88 16.9 0.0 30.6

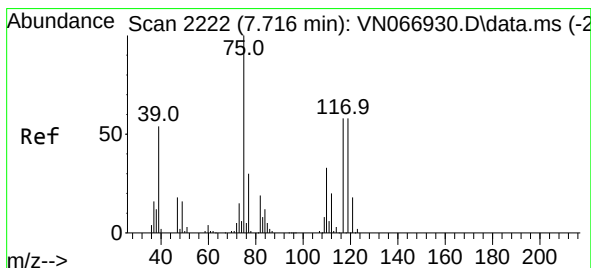
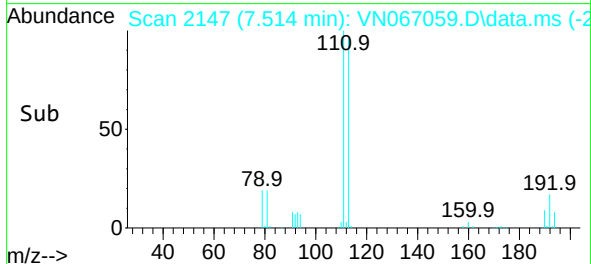
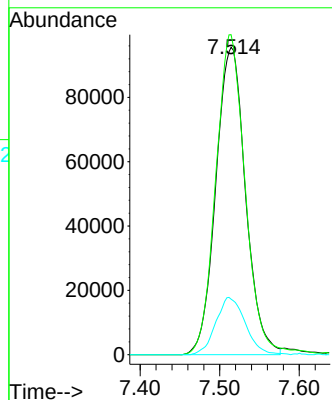
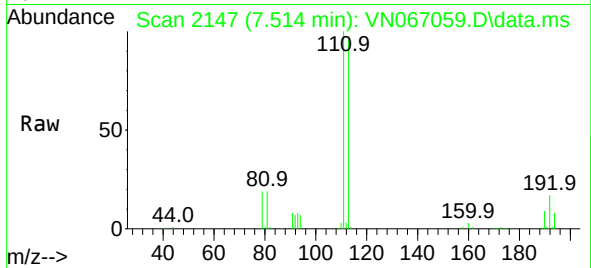




#35
Dibromofluoromethane
Concen: 52.83 ug/l
RT: 7.514 min Scan# 2147
Delta R.T. 0.000 min
Lab File: VN067059.D
Acq: 7 May 2021 18:34

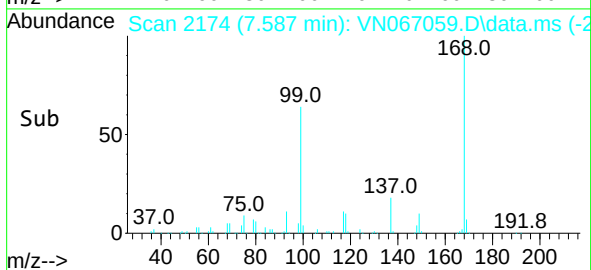
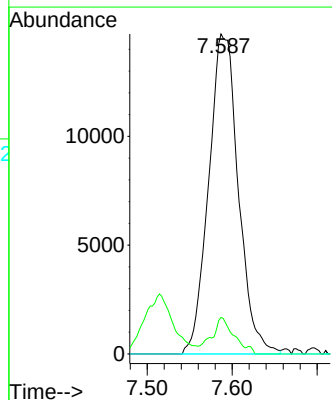
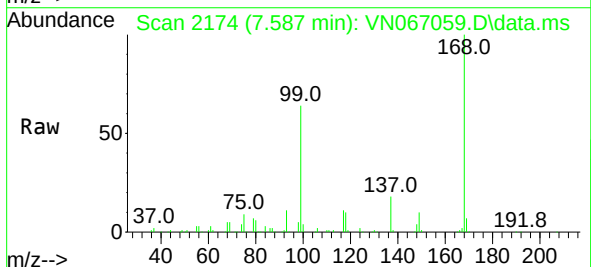
Instrument :
MSVOA_N
ClientSampled :

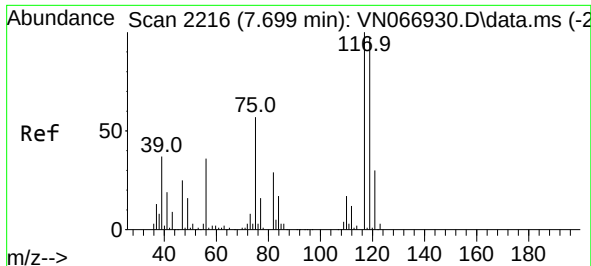
Tgt Ion:113 Resp: 247907
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 18.5 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.96 ug/l
RT: 7.587 min Scan# 2174
Delta R.T. -0.129 min
Lab File: VN067059.D
Acq: 7 May 2021 18:34

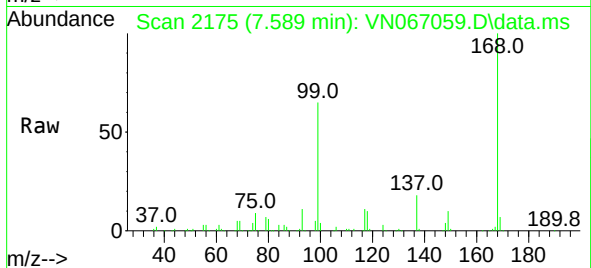
Tgt Ion: 75 Resp: 35715
Ion Ratio Lower Upper
75 100
110 6.1 18.2 54.6#
77 0.0 24.9 37.3#



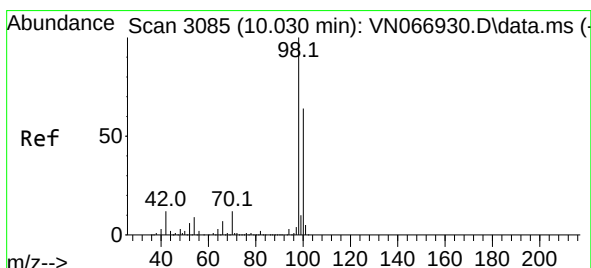
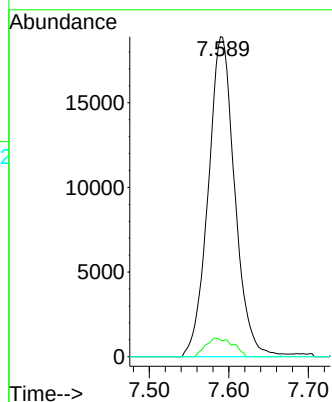
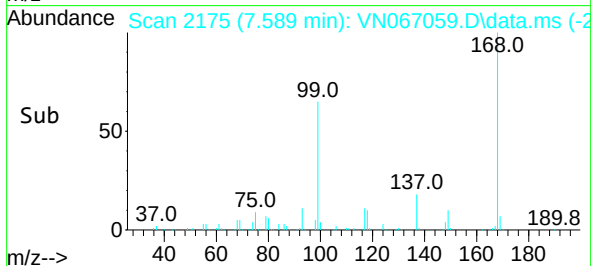


#38
Carbon Tetrachloride
Concen: 5.83 ug/l
RT: 7.589 min Scan# 2175
Delta R.T. -0.110 min
Lab File: VN067059.D
Acq: 7 May 2021 18:34

Instrument :
MSVOA_N
ClientSampleId :

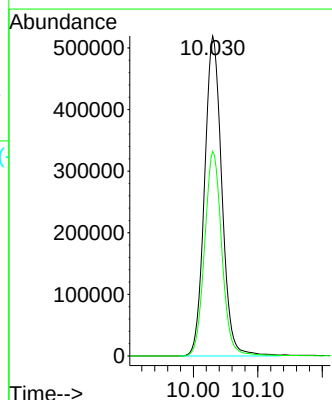
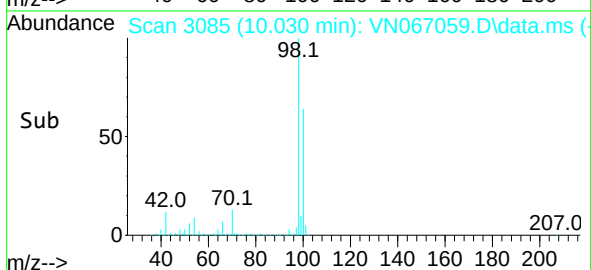
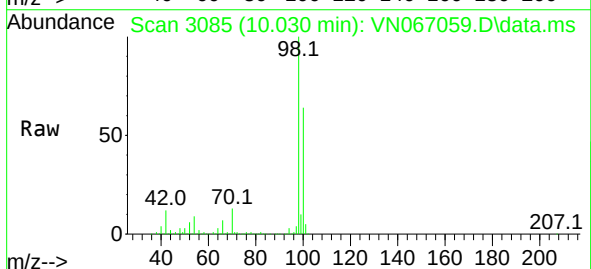


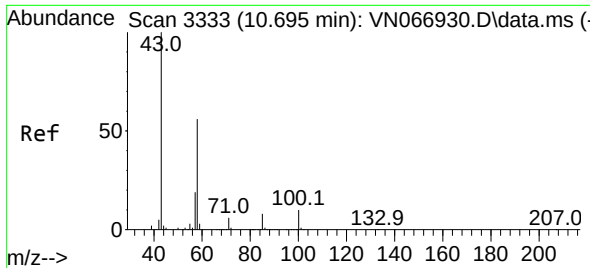
Tgt Ion:117 Resp: 43738
Ion Ratio Lower Upper
117 100
119 5.2 76.0 114.0#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 54.07 ug/l
RT: 10.030 min Scan# 3085
Delta R.T. 0.000 min
Lab File: VN067059.D
Acq: 7 May 2021 18:34

Tgt Ion: 98 Resp: 966273
Ion Ratio Lower Upper
98 100
100 63.5 50.5 75.7

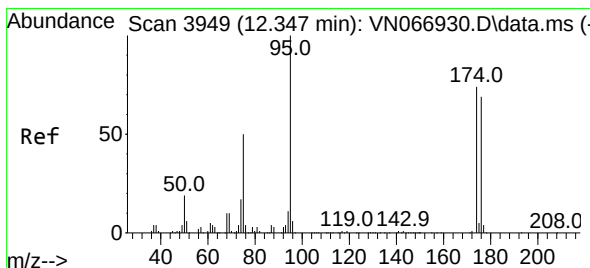
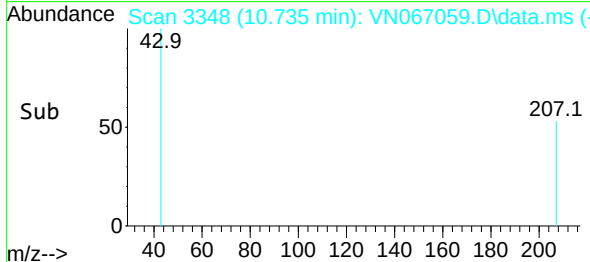
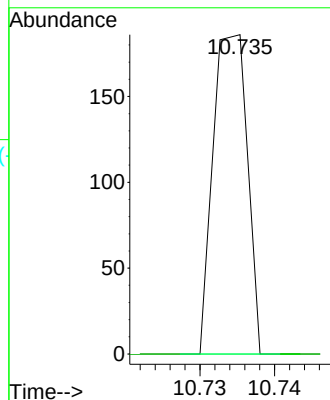
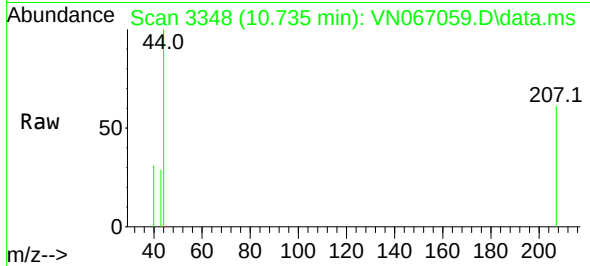




#59
2-Hexanone
Concen: 28.38 ug/l
RT: 10.735 min Scan# 3348
Delta R.T. 0.040 min
Lab File: VN067059.D
Acq: 7 May 2021 18:34

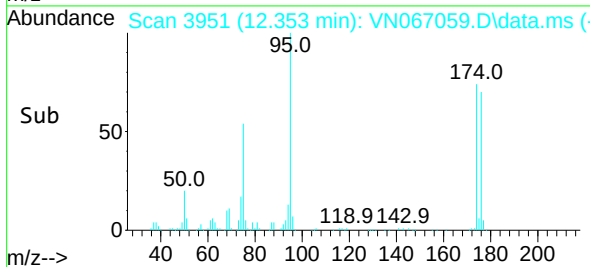
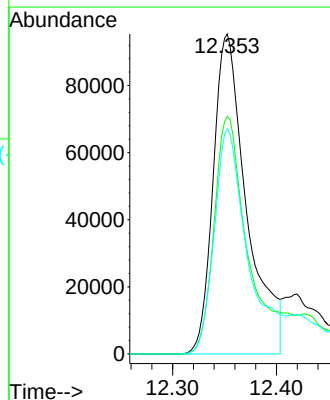
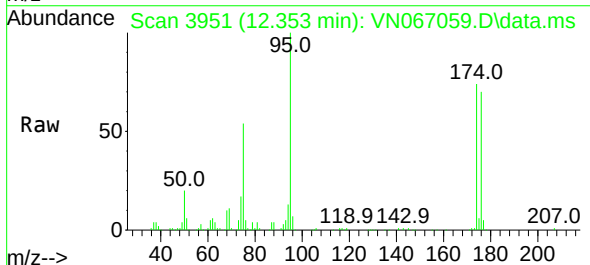
Instrument :
MSVOA_N
ClientSampleId :

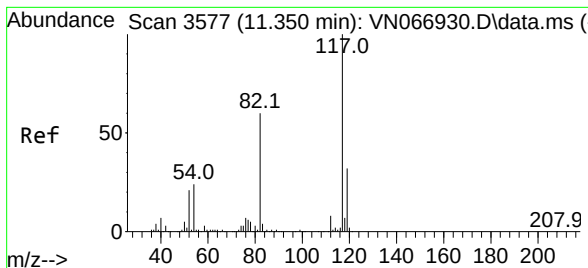
Tgt Ion: 43 Resp: 59
Ion Ratio Lower Upper
43 100
58 0.0 28.1 84.3#



#62
4-Bromofluorobenzene
Concen: 35.31 ug/l
RT: 12.353 min Scan# 3951
Delta R.T. 0.006 min
Lab File: VN067059.D
Acq: 7 May 2021 18:34

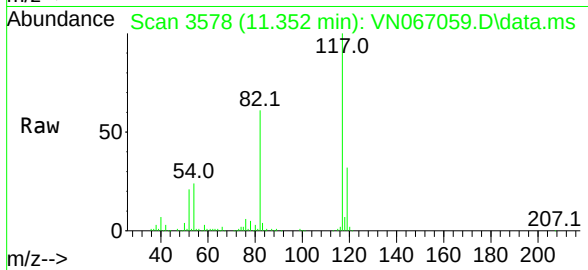
Tgt Ion: 95 Resp: 213650
Ion Ratio Lower Upper
95 100
174 78.5 0.0 169.0
176 71.1 0.0 162.4



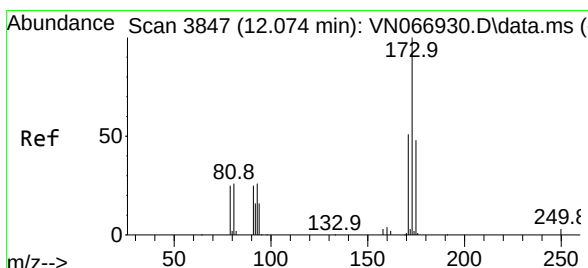
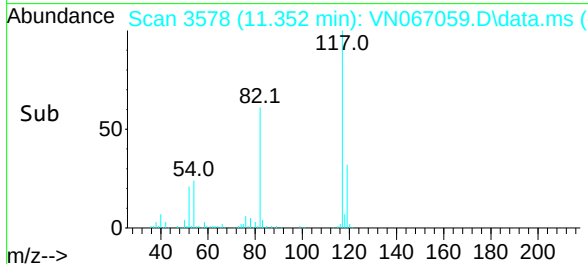
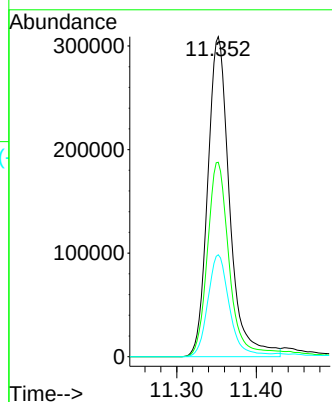


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.352 min Scan# 3578
Delta R.T. 0.002 min
Lab File: VN067059.D
Acq: 7 May 2021 18:34

Instrument :
MSVOA_N
ClientSampleId :

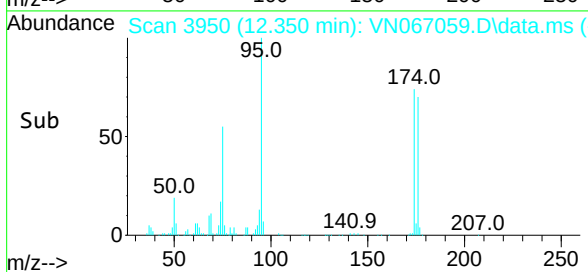
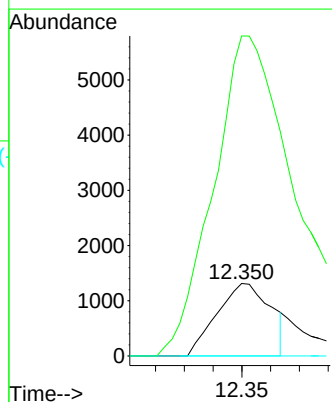
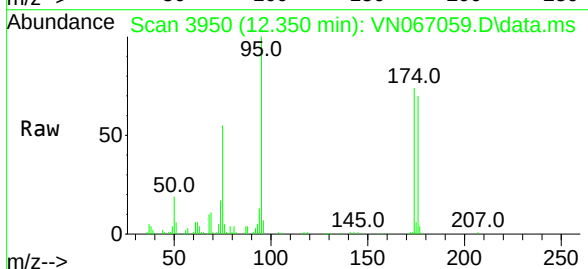


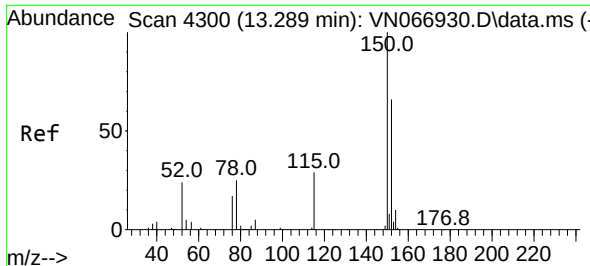
Tgt Ion:117 Resp: 590665
Ion Ratio Lower Upper
117 100
82 60.8 43.7 65.5
119 31.9 26.1 39.1



#71
Bromoform
Concen: 0.48 ug/l
RT: 12.350 min Scan# 3950
Delta R.T. 0.276 min
Lab File: VN067059.D
Acq: 7 May 2021 18:34

Tgt Ion:173 Resp: 1701
Ion Ratio Lower Upper
173 100
175 499.9 23.8 71.2#
254 0.0 0.0 0.0

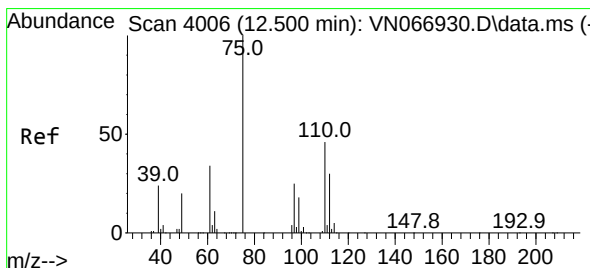
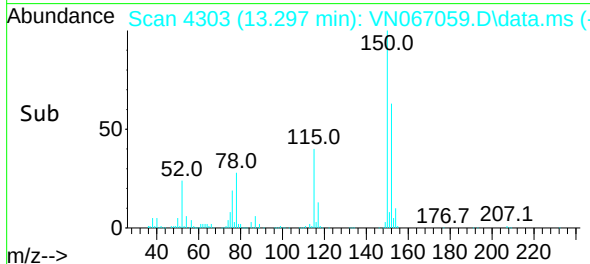
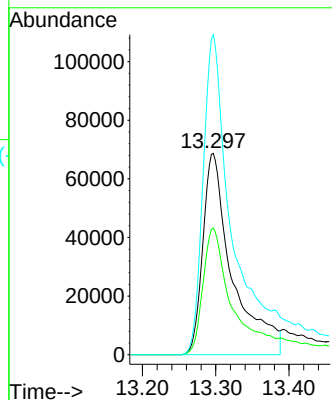
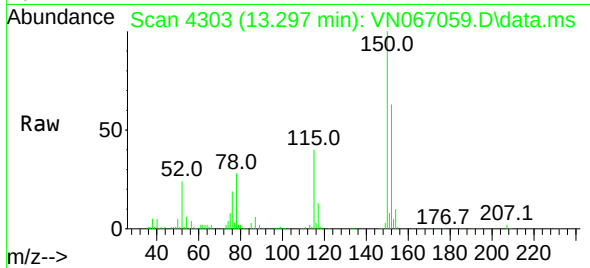




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.297 min Scan# 4303
Delta R.T. 0.008 min
Lab File: VN067059.D
Acq: 7 May 2021 18:34

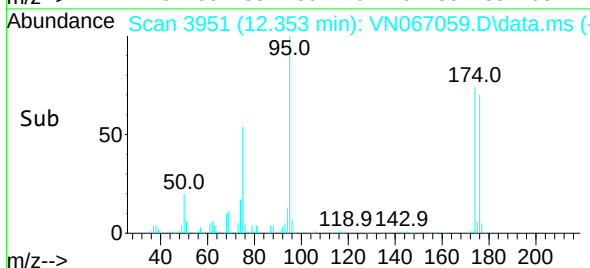
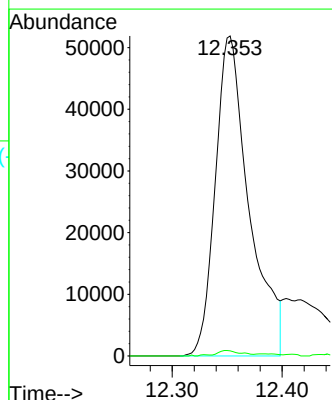
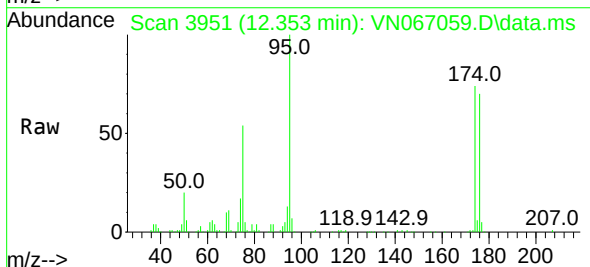
Instrument :
MSVOA_N
ClientSampleId :

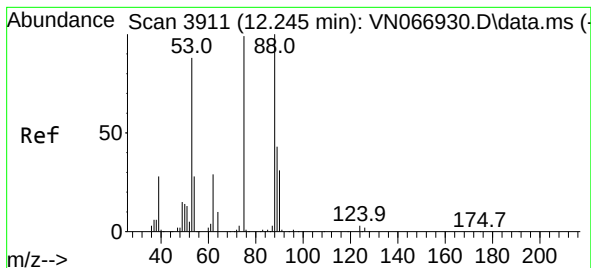
Tgt Ion:152 Resp: 192037
Ion Ratio Lower Upper
152 100
115 62.1 28.5 85.6
150 151.4 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 24.25 ug/l
RT: 12.353 min Scan# 3951
Delta R.T. -0.147 min
Lab File: VN067059.D
Acq: 7 May 2021 18:34

Tgt Ion: 75 Resp: 110950
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#

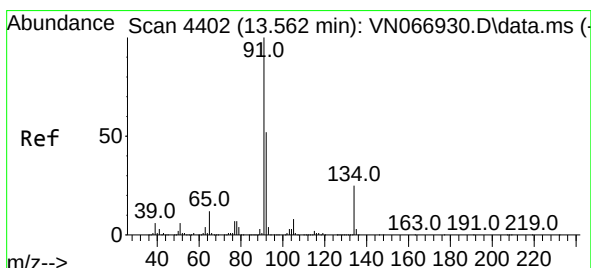
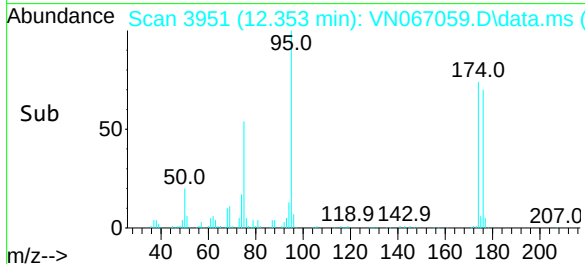
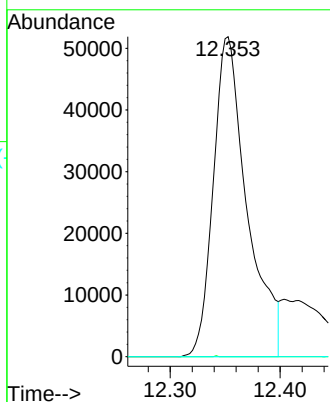
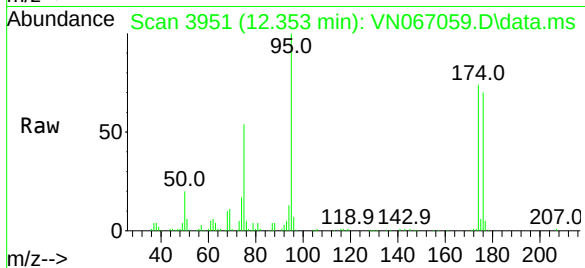




#81
trans-1,4-Dichloro-2-butene
Concen: 73.15 ug/l
RT: 12.353 min Scan# 3951
Delta R.T. 0.108 min
Lab File: VN067059.D
Acq: 7 May 2021 18:34

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 75 Resp: 110950
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#



#89
n-Butylbenzene
Concen: 5.26 ug/l
RT: 13.323 min Scan# 4313
Delta R.T. -0.239 min
Lab File: VN067059.D
Acq: 7 May 2021 18:34

Tgt Ion: 91 Resp: 265
Ion Ratio Lower Upper
91 100
92 0.0 26.1 78.3#
134 29.8 13.0 38.9

