

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050821\
 Data File : VN067058.D
 Acq On : 7 May 2021 18:10
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 08 03:27:49 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)

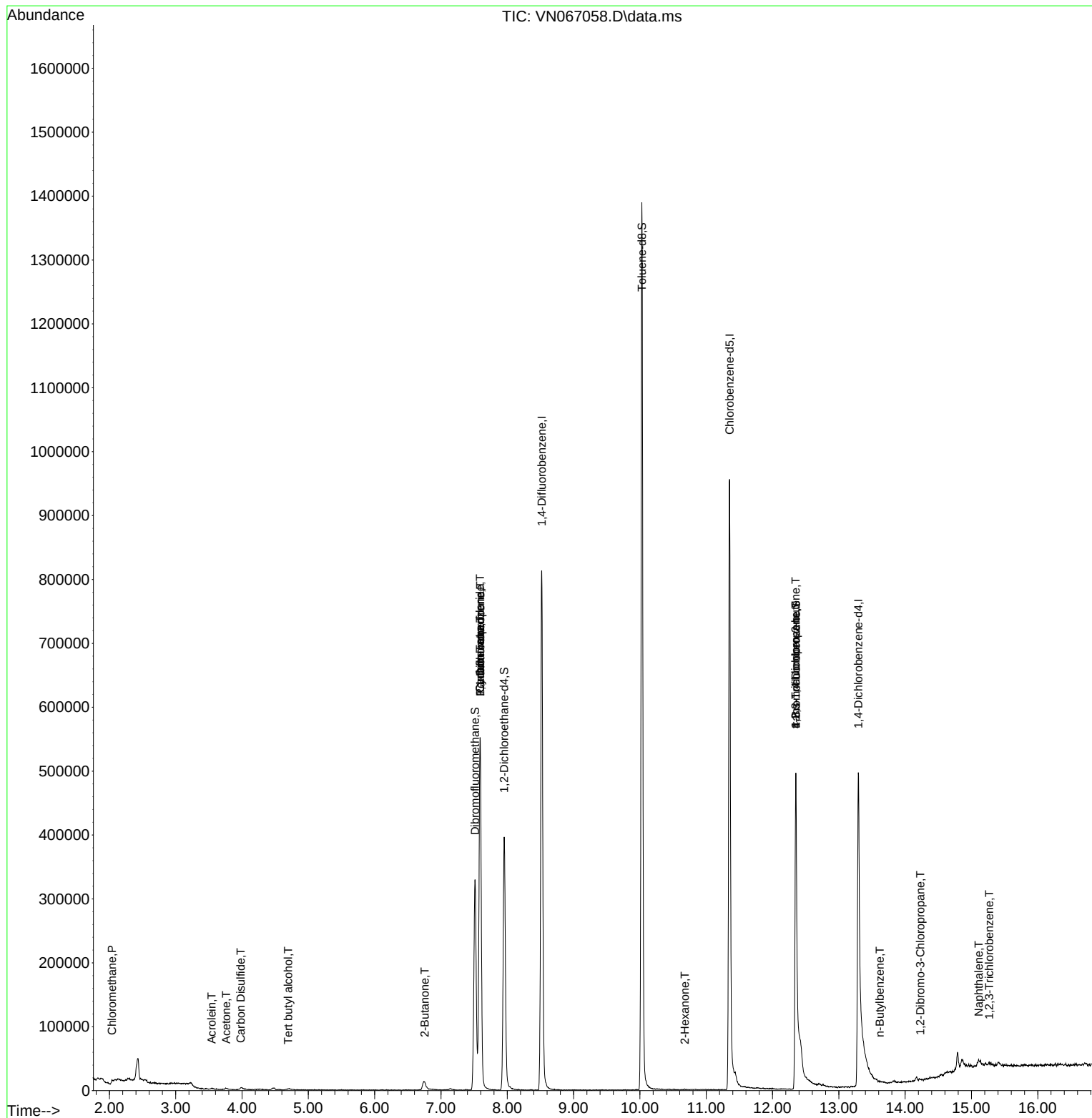
Internal Standards						
1) Pentafluorobenzene	7.592	168	419228	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.520	114	703942	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.352	117	587789	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.294	152	209509	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.954	65	360314	54.60	ug/l	0.00
Spiked Amount 50.000	Range 61	- 141	Recovery	=	109.20%	
35) Dibromofluoromethane	7.514	113	255669	53.49	ug/l	0.00
Spiked Amount 50.000	Range 69	- 133	Recovery	=	106.98%	
50) Toluene-d8	10.030	98	959813	52.73	ug/l	0.00
Spiked Amount 50.000	Range 65	- 126	Recovery	=	105.46%	
62) 4-Bromofluorobenzene	12.353	95	270740	43.92	ug/l	0.00
Spiked Amount 50.000	Range 58	- 135	Recovery	=	87.84%	
Target Compounds						
						Qvalue
3) Chloromethane	2.038	50	1958	0.24	ug/l	89
11) Tert butyl alcohol	4.696	59	724	0.78	ug/l #	83
13) Acrolein	3.542	56	708	0.91	ug/l	89
16) Acetone	3.760	43	3647	1.57	ug/l #	69
17) Carbon Disulfide	3.982	76	3166	0.22	ug/l #	74
25) 2-Butanone	6.755	43	1591	0.46	ug/l #	75
31) Cyclohexane	7.589	56	10274	1.11	ug/l #	3
36) 1,1-Dichloropropene	7.592	75	38476	5.25	ug/l #	48
38) Carbon Tetrachloride	7.589	117	44906	5.87	ug/l #	18
59) 2-Hexanone	10.676	43	157	28.39	ug/l #	23
76) 1,2,3-Trichloropropane	12.350	75	117525	23.55	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.350	75	117525	71.18	ug/l #	12
89) n-Butylbenzene	13.618	91	57	5.24	ug/l #	34
92) 1,2-Dibromo-3-Chloropr...	14.227	75	231	0.23	ug/l #	1
95) Naphthalene	15.112	128	9620	1.05	ug/l #	88
96) 1,2,3-Trichlorobenzene	15.268	180	757	0.22	ug/l #	58

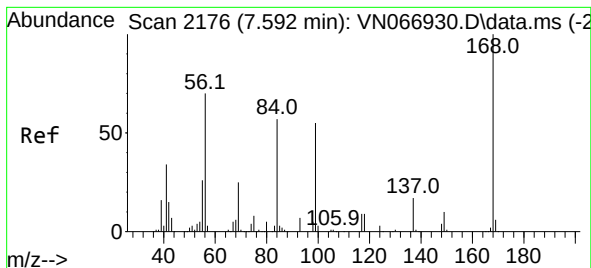
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.592 min Scan# 2176

Delta R.T. 0.000 min

Lab File: VN067058.D

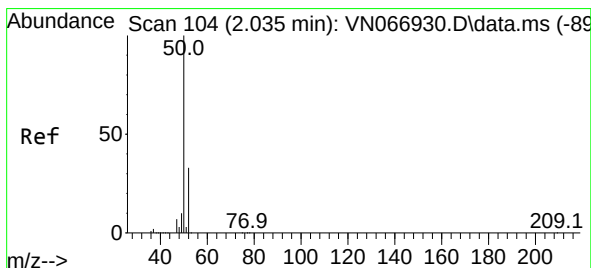
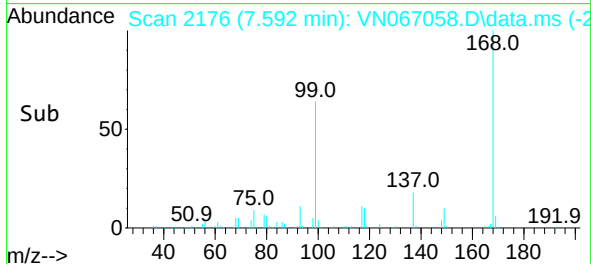
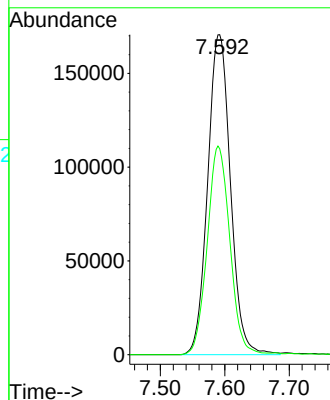
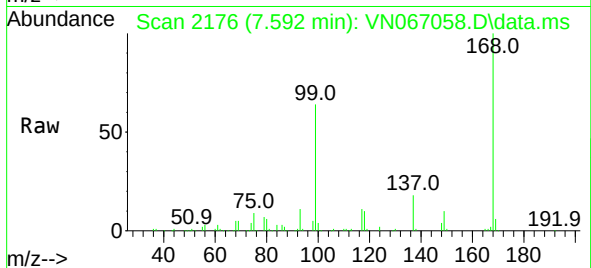
Acq: 7 May 2021 18:10

Tgt Ion:168 Resp: 419228

Ion Ratio Lower Upper

168 100

99 64.3 42.6 63.8#



#3

Chloromethane

Concen: 0.24 ug/l

RT: 2.038 min Scan# 105

Delta R.T. 0.003 min

Lab File: VN067058.D

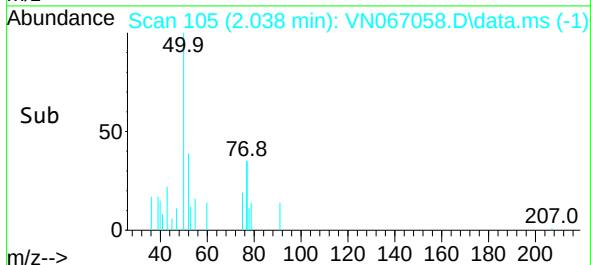
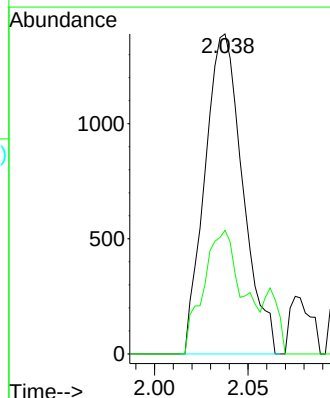
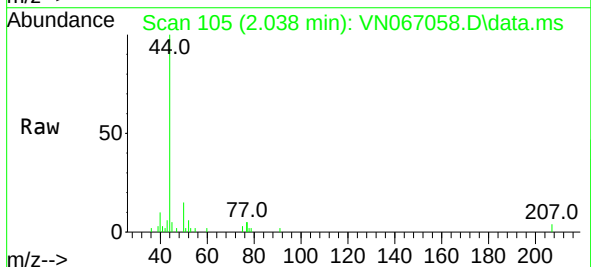
Acq: 7 May 2021 18:10

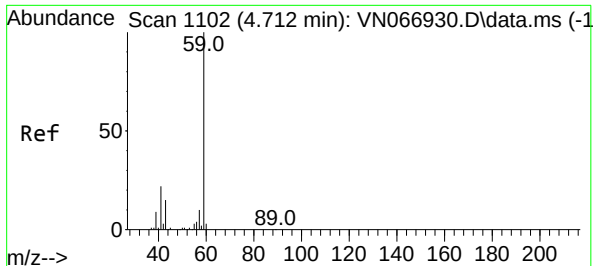
Tgt Ion: 50 Resp: 1958

Ion Ratio Lower Upper

50 100

52 38.6 25.8 38.8

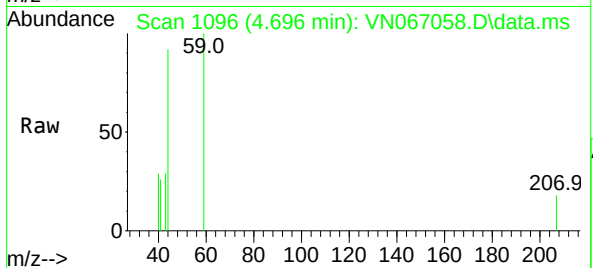




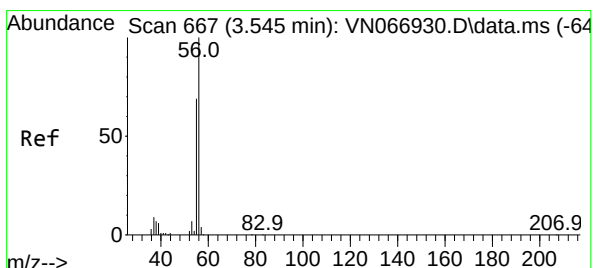
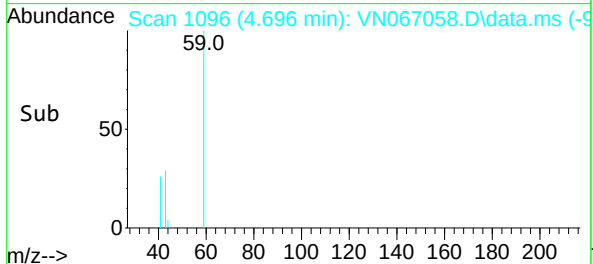
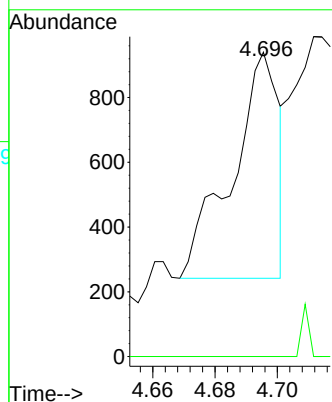
#11

Tert butyl alcohol
Concen: 0.78 ug/l
RT: 4.696 min Scan# 1096
Delta R.T. -0.016 min
Lab File: VN067058.D
Acq: 7 May 2021 18:10

Instrument :
MSVOA_N
ClientSampled :



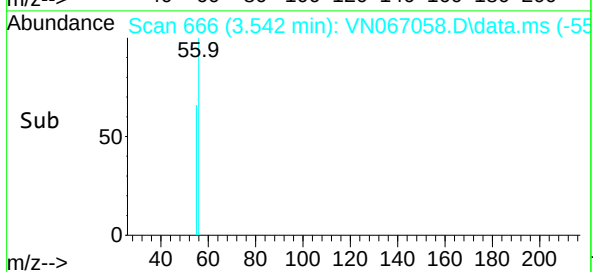
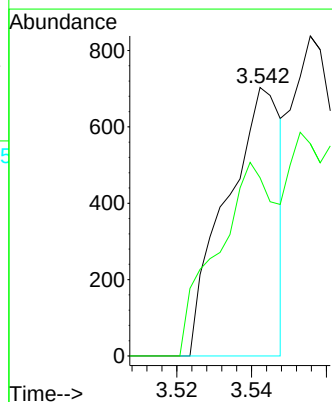
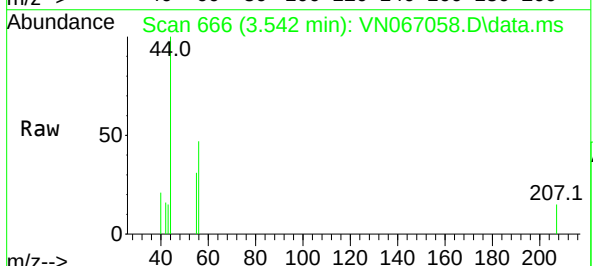
Tgt Ion: 59 Resp: 724
Ion Ratio Lower Upper
59 100
57 3.6 8.0 12.0#

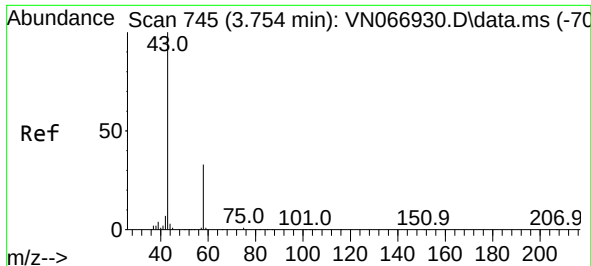


#13

Acrolein
Concen: 0.91 ug/l
RT: 3.542 min Scan# 666
Delta R.T. -0.003 min
Lab File: VN067058.D
Acq: 7 May 2021 18:10

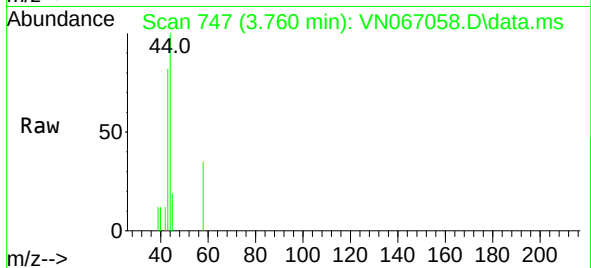
Tgt Ion: 56 Resp: 708
Ion Ratio Lower Upper
56 100
55 78.7 56.0 84.0



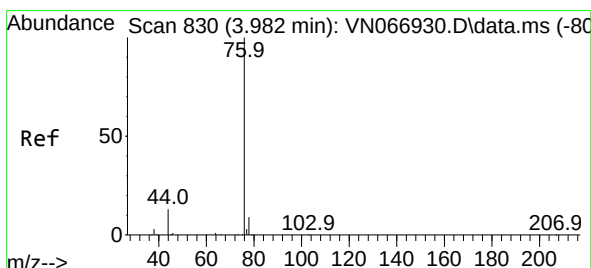
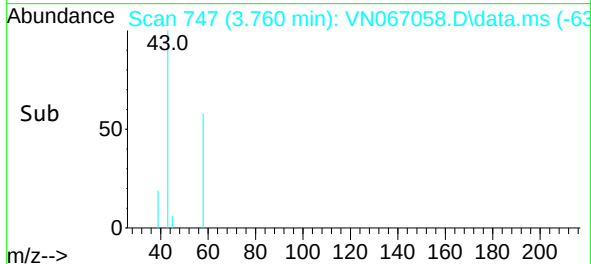
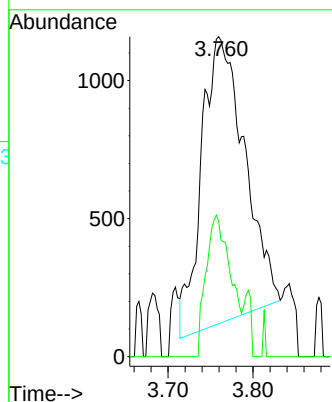


#16
Acetone
Concen: 1.57 ug/l
RT: 3.760 min Scan# 747
Delta R.T. 0.006 min
Lab File: VN067058.D
Acq: 7 May 2021 18:10

Instrument :
MSVOA_N
ClientSampled :

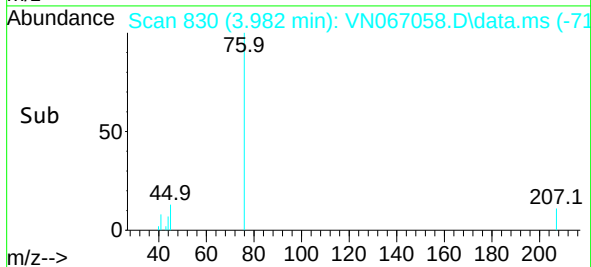
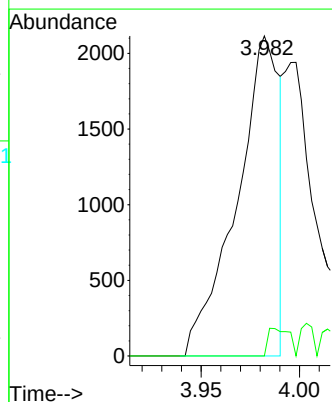
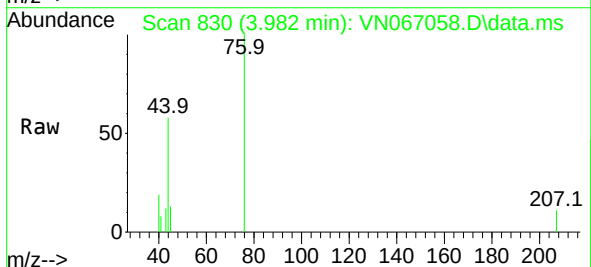


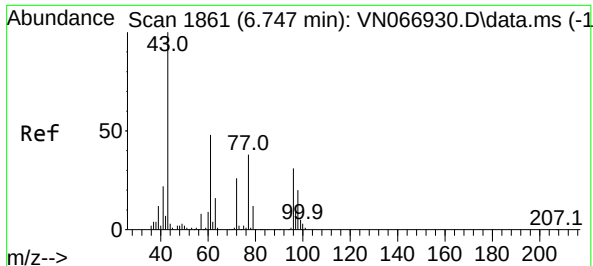
Tgt Ion: 43 Resp: 3647
Ion Ratio Lower Upper
43 100
58 51.5 27.0 40.6#



#17
Carbon Disulfide
Concen: 0.22 ug/l
RT: 3.982 min Scan# 830
Delta R.T. 0.000 min
Lab File: VN067058.D
Acq: 7 May 2021 18:10

Tgt Ion: 76 Resp: 3166
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#

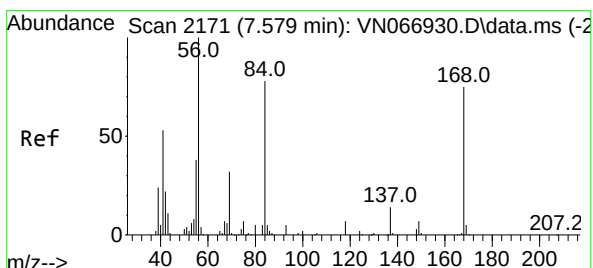
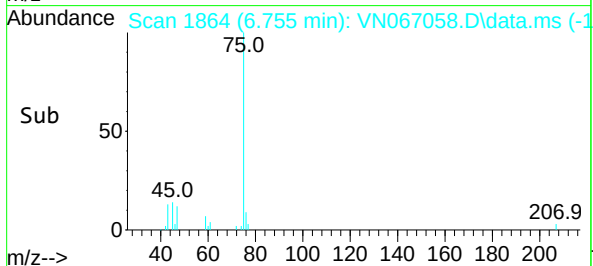
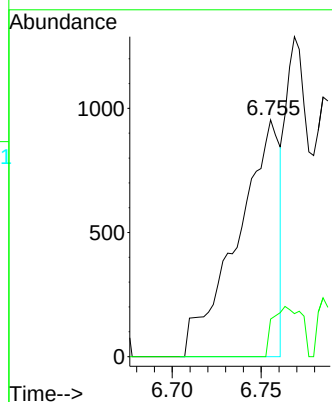
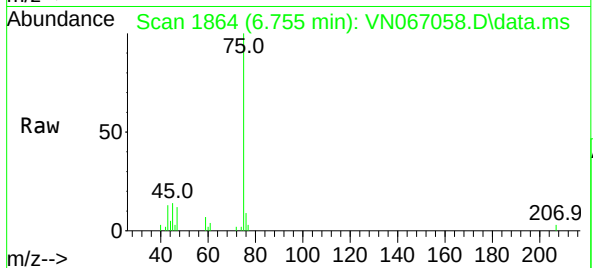




#25
2-Butanone
Concen: 0.46 ug/l
RT: 6.755 min Scan# 1864
Delta R.T. 0.008 min
Lab File: VN067058.D
Acq: 7 May 2021 18:10

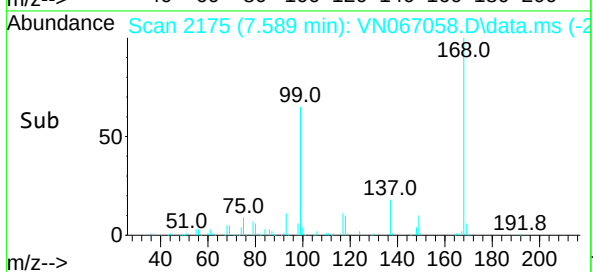
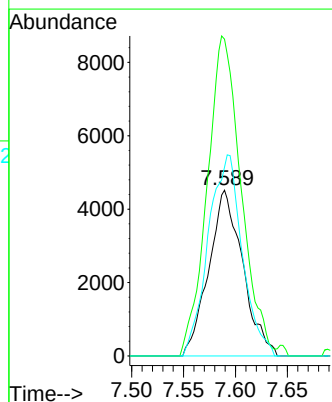
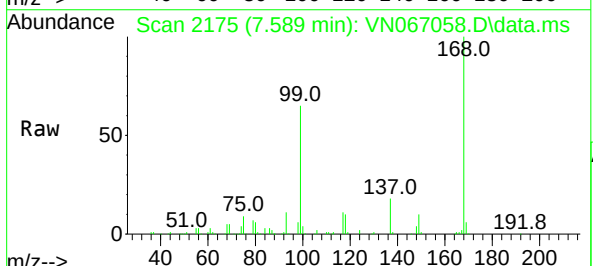
Instrument :
MSVOA_N
ClientSampled :

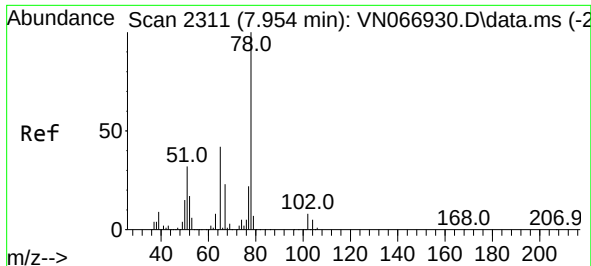
Tgt Ion: 43 Resp: 1591
Ion Ratio Lower Upper
43 100
72 15.8 23.1 34.7#



#31
Cyclohexane
Concen: 1.11 ug/l
RT: 7.589 min Scan# 2175
Delta R.T. 0.010 min
Lab File: VN067058.D
Acq: 7 May 2021 18:10

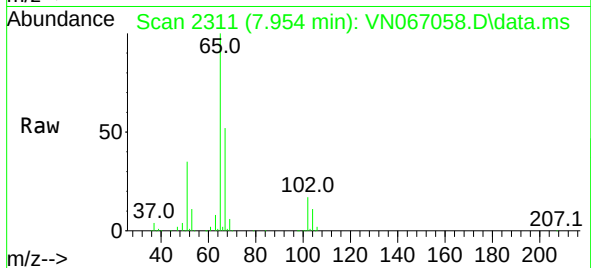
Tgt Ion: 56 Resp: 10274
Ion Ratio Lower Upper
56 100
69 191.2 26.6 39.8#
84 114.0 70.4 105.6#



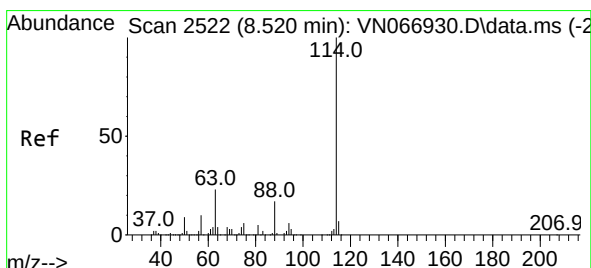
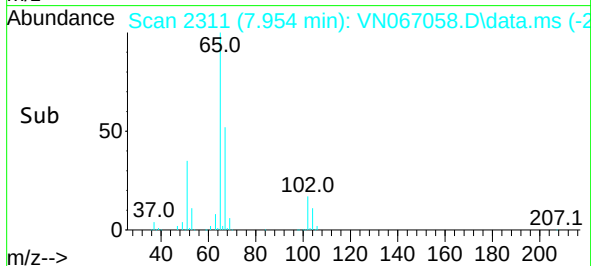
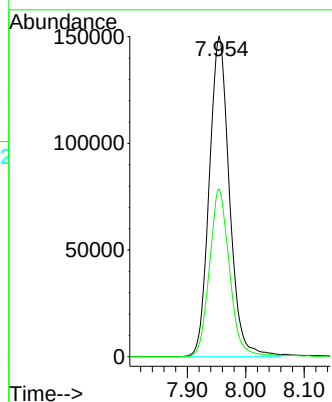


#33
 1,2-Dichloroethane-d4
 Concen: 54.60 ug/l
 RT: 7.954 min Scan# 2311
 Delta R.T. 0.000 min
 Lab File: VN067058.D
 Acq: 7 May 2021 18:10

Instrument :
 MSVOA_N
 ClientSampled :

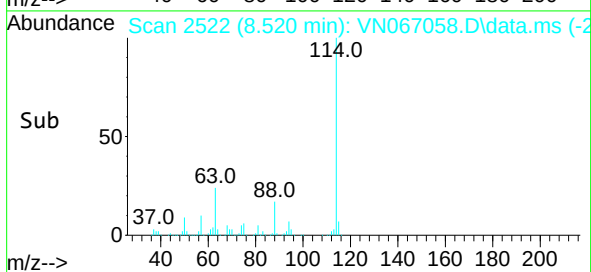
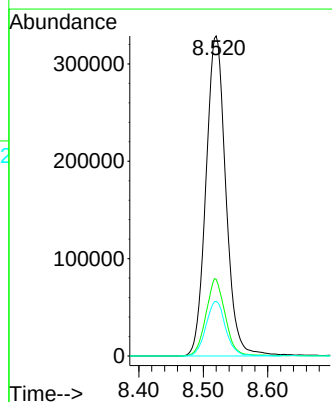
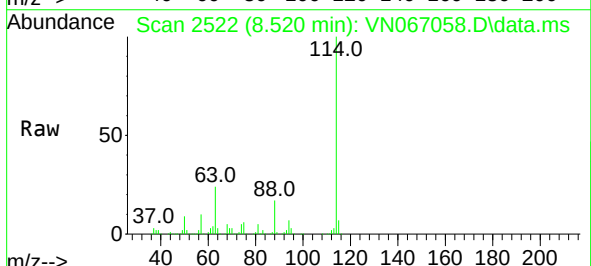


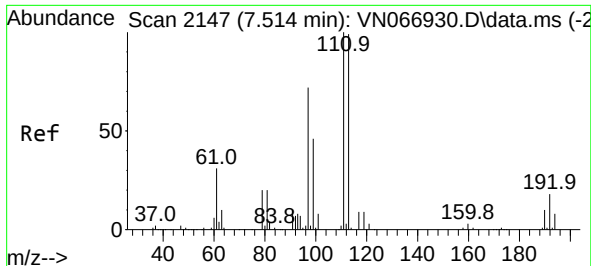
Tgt Ion: 65 Resp: 360314
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.520 min Scan# 2522
 Delta R.T. 0.000 min
 Lab File: VN067058.D
 Acq: 7 May 2021 18:10

Tgt Ion: 114 Resp: 703942
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 38.6
 88 17.1 0.0 30.6

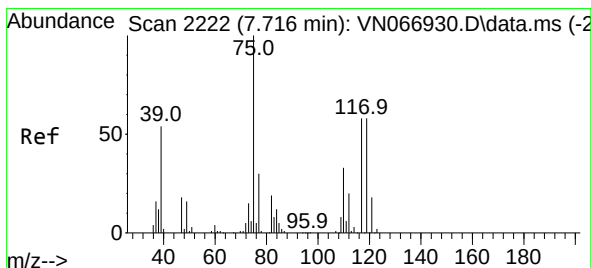
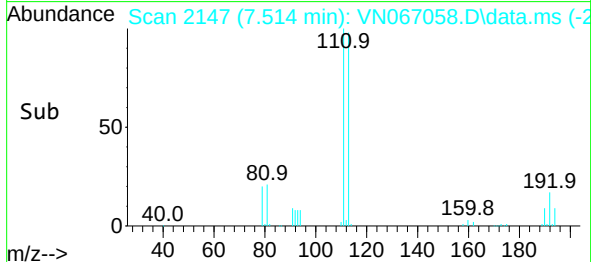
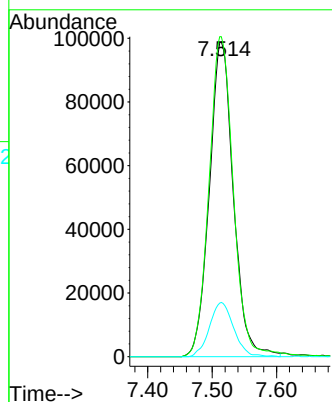
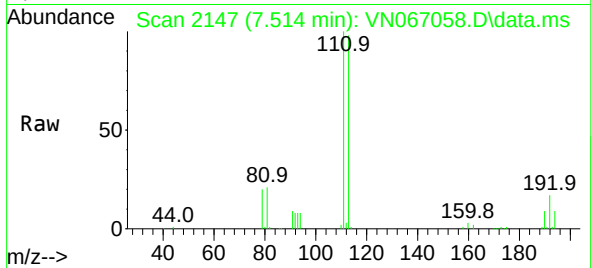




#35
Dibromofluoromethane
Concen: 53.49 ug/l
RT: 7.514 min Scan# 2147
Delta R.T. 0.000 min
Lab File: VN067058.D
Acq: 7 May 2021 18:10

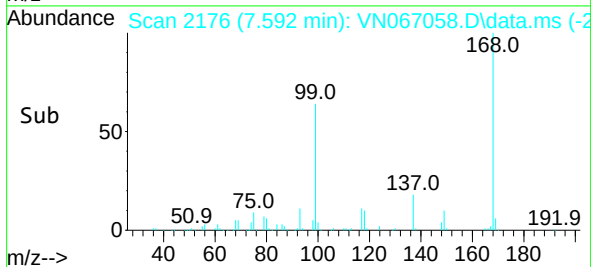
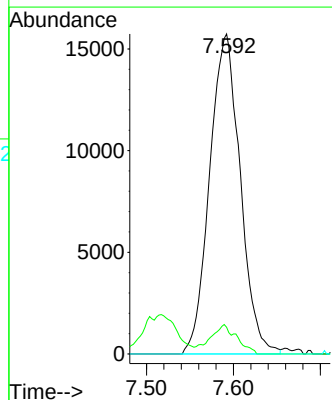
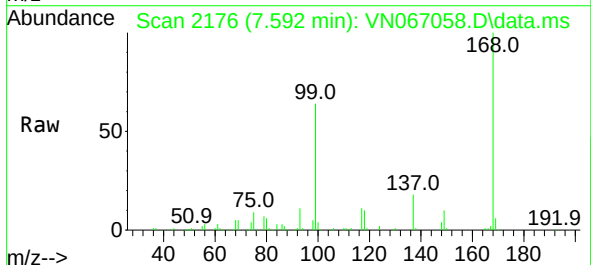
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MSVOA_N
ClientSampled :

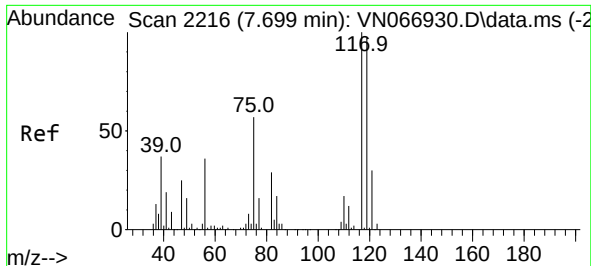
Tgt Ion:113 Resp: 255669
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.2
192 17.4 15.4 23.0



#36
1,1-Dichloropropene
Concen: 5.25 ug/l
RT: 7.592 min Scan# 2176
Delta R.T. -0.124 min
Lab File: VN067058.D
Acq: 7 May 2021 18:10

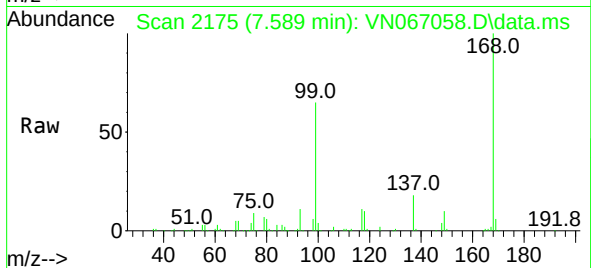
Tgt Ion: 75 Resp: 38476
Ion Ratio Lower Upper
75 100
110 8.0 18.2 54.6#
77 0.0 24.9 37.3#



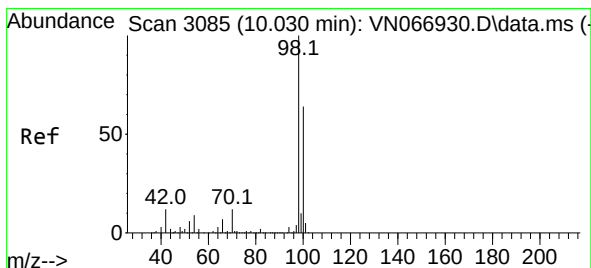
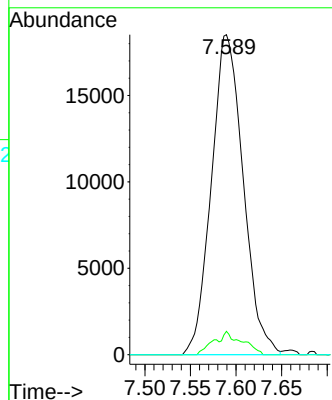
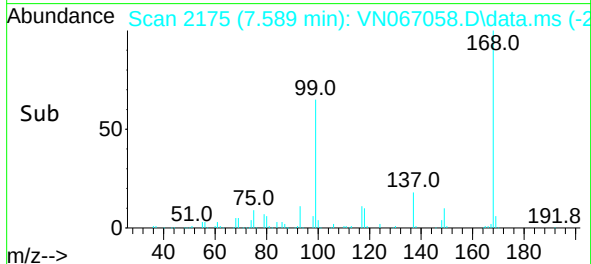


#38
Carbon Tetrachloride
Concen: 5.87 ug/l
RT: 7.589 min Scan# 2175
Delta R.T. -0.110 min
Lab File: VN067058.D
Acq: 7 May 2021 18:10

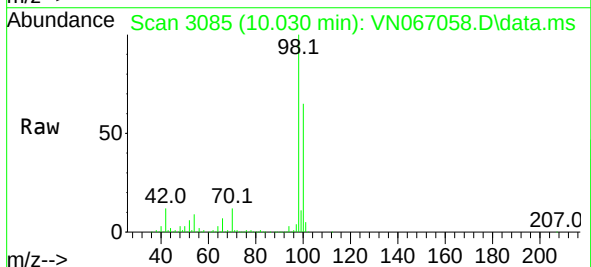
Instrument :
MSVOA_N
ClientSampleId :



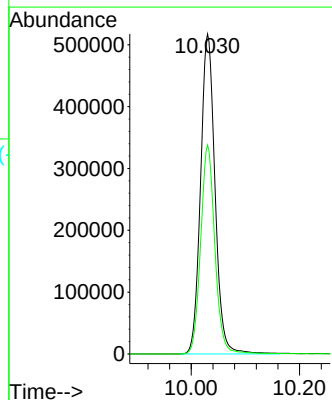
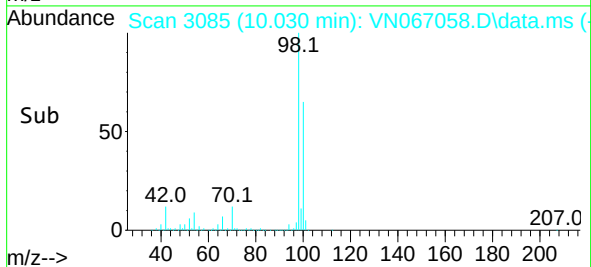
Tgt Ion:117 Resp: 44906
Ion Ratio Lower Upper
117 100
119 7.3 76.0 114.0#
121 0.0 24.5 36.7#

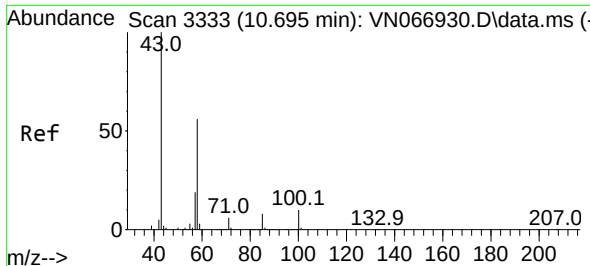


#50
Toluene-d8
Concen: 52.73 ug/l
RT: 10.030 min Scan# 3085
Delta R.T. -0.000 min
Lab File: VN067058.D
Acq: 7 May 2021 18:10



Tgt Ion: 98 Resp: 959813
Ion Ratio Lower Upper
98 100
100 64.0 50.5 75.7

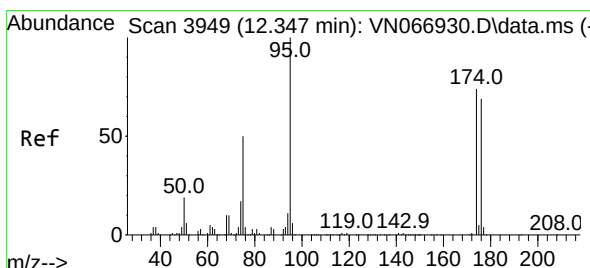
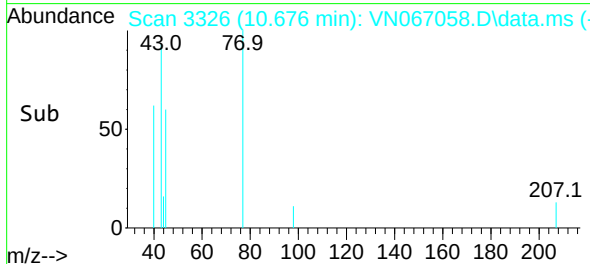
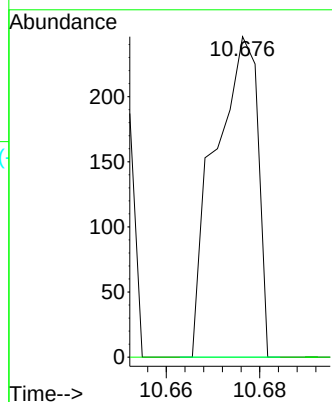
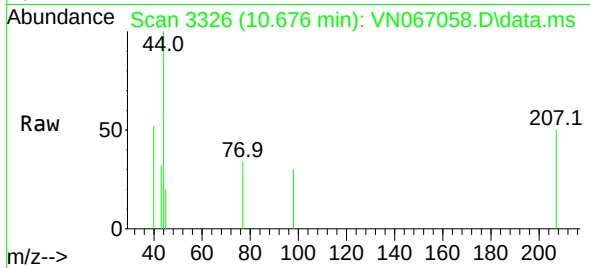




#59
2-Hexanone
Concen: 28.39 ug/l
RT: 10.676 min Scan# 3326
Delta R.T. -0.019 min
Lab File: VN067058.D
Acq: 7 May 2021 18:10

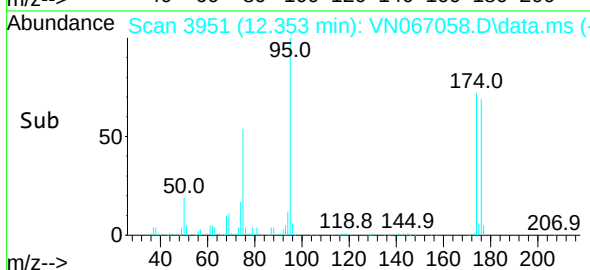
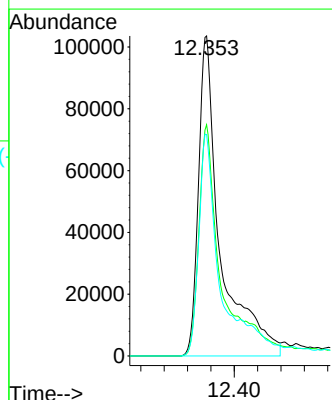
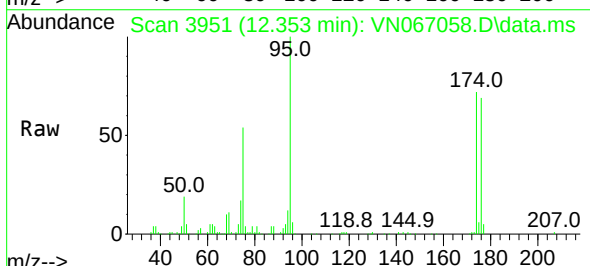
Instrument :
MSVOA_N
ClientSampled :

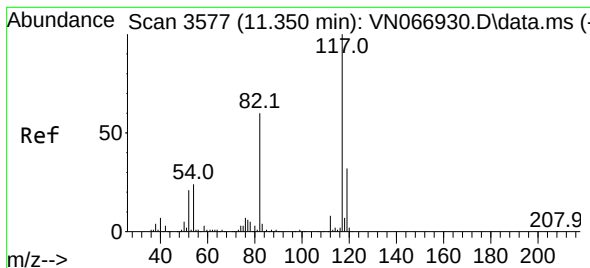
Tgt Ion: 43 Resp: 157
Ion Ratio Lower Upper
43 100
58 0.0 28.1 84.3#



#62
4-Bromofluorobenzene
Concen: 43.92 ug/l
RT: 12.353 min Scan# 3951
Delta R.T. 0.006 min
Lab File: VN067058.D
Acq: 7 May 2021 18:10

Tgt Ion: 95 Resp: 270740
Ion Ratio Lower Upper
95 100
174 73.9 0.0 169.0
176 56.8 0.0 162.4

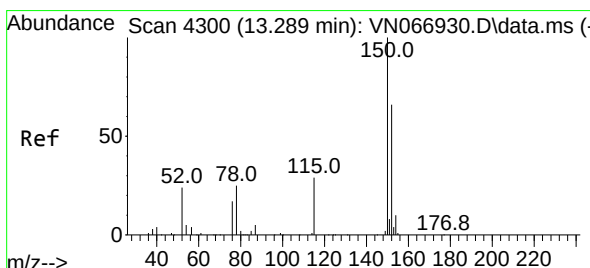
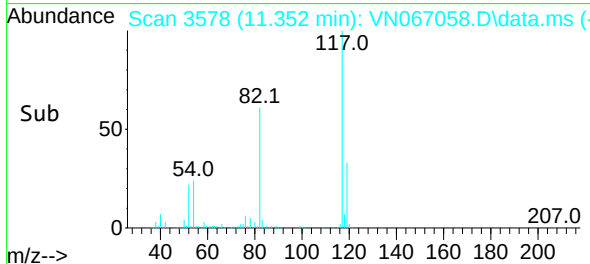
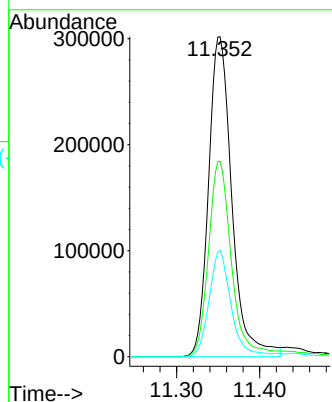
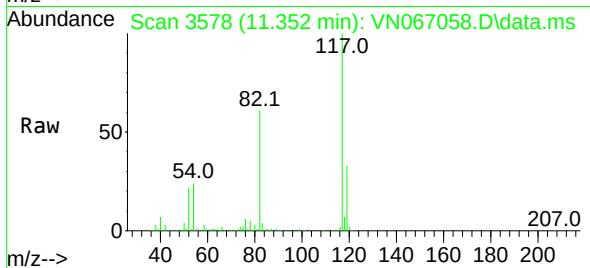




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.352 min Scan# 3578
Delta R.T. 0.002 min
Lab File: VN067058.D
Acq: 7 May 2021 18:10

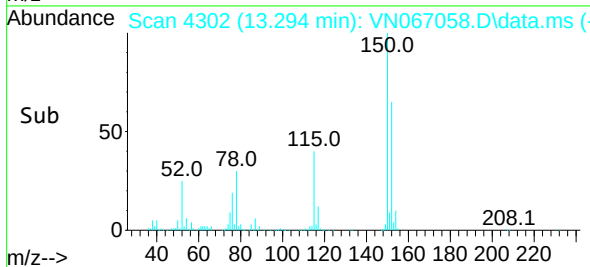
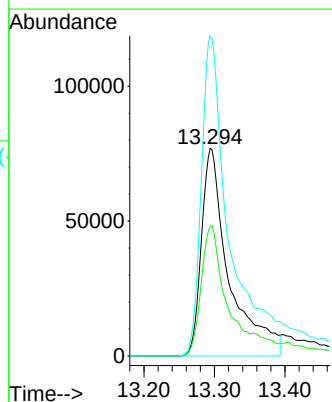
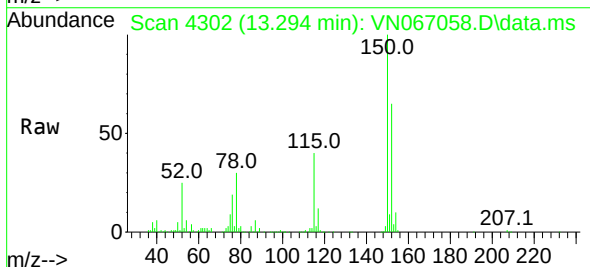
Instrument :
MSVOA_N
ClientSampled :

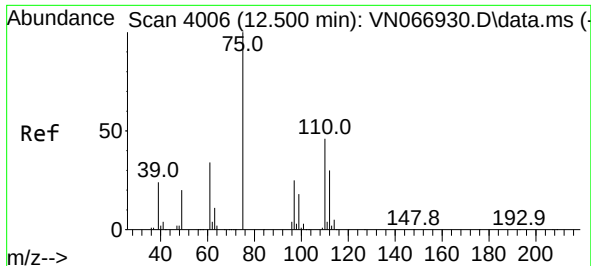
Tgt Ion:117 Resp: 587789
Ion Ratio Lower Upper
117 100
82 61.1 43.7 65.5
119 33.2 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.294 min Scan# 4302
Delta R.T. 0.005 min
Lab File: VN067058.D
Acq: 7 May 2021 18:10

Tgt Ion:152 Resp: 209509
Ion Ratio Lower Upper
152 100
115 62.6 28.5 85.6
150 169.2 0.0 347.6

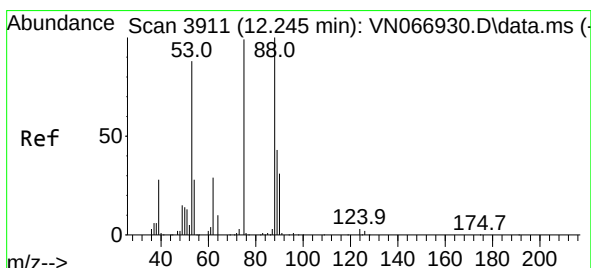
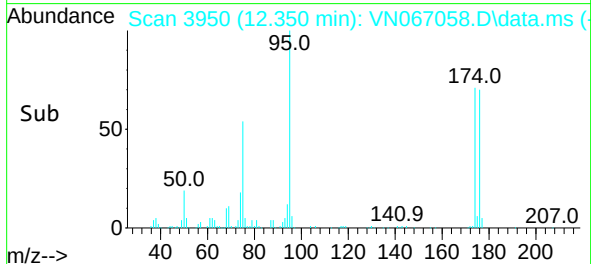
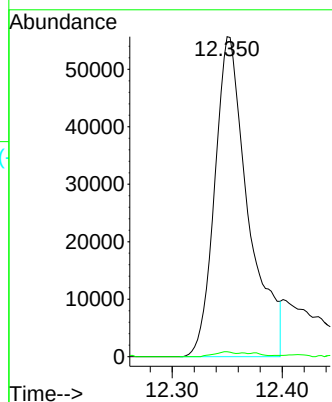
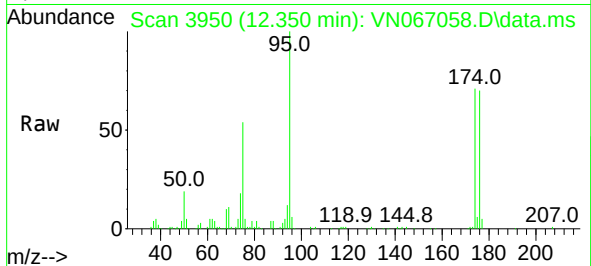




#76
1,2,3-Trichloropropane
Concen: 23.55 ug/l
RT: 12.350 min Scan# 3950
Delta R.T. -0.150 min
Lab File: VN067058.D
Acq: 7 May 2021 18:10

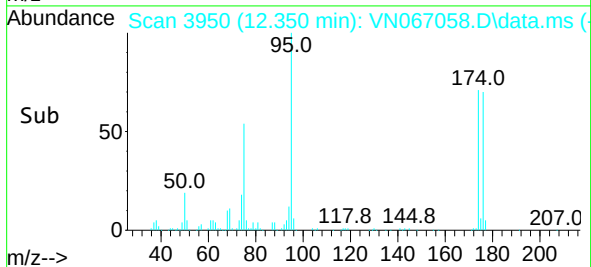
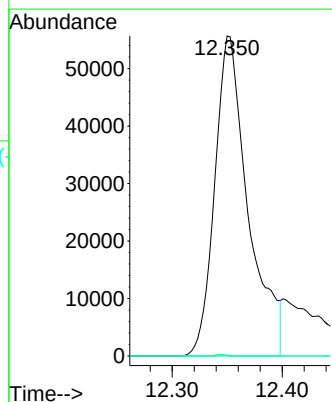
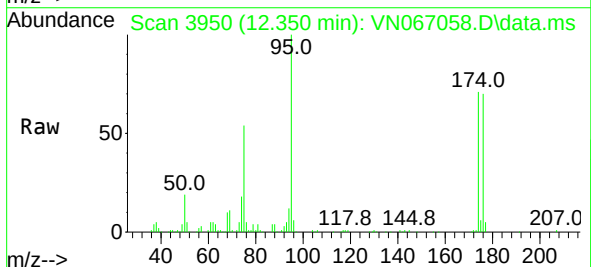
Instrument :
MSVOA_N
ClientSampleId :

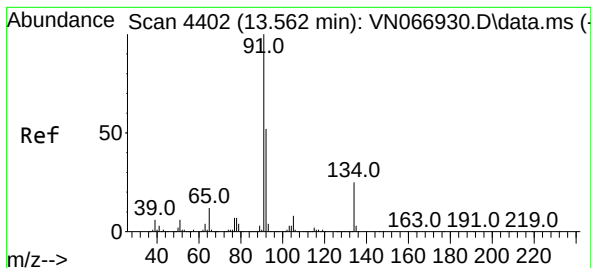
Tgt Ion: 75 Resp: 117525
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.18 ug/l
RT: 12.350 min Scan# 3950
Delta R.T. 0.105 min
Lab File: VN067058.D
Acq: 7 May 2021 18:10

Tgt Ion: 75 Resp: 117525
Ion Ratio Lower Upper
75 100
53 0.1 74.6 111.8#
89 0.0 35.8 53.8#

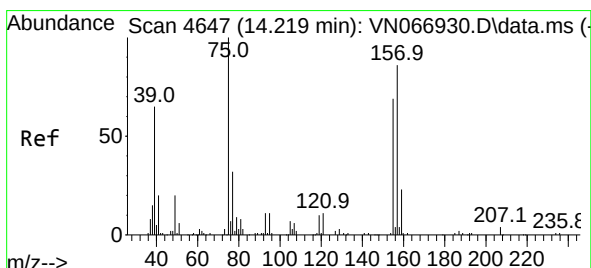
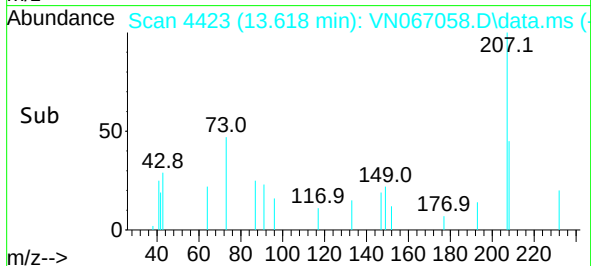
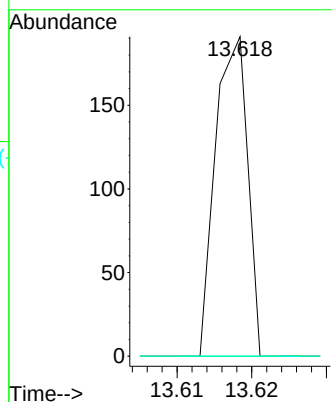
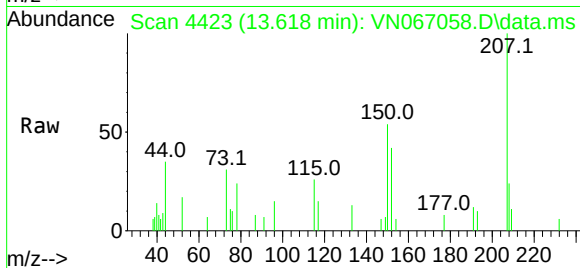




#89
n-Butylbenzene
Concen: 5.24 ug/l
RT: 13.618 min Scan# 4423
Delta R.T. 0.056 min
Lab File: VN067058.D
Acq: 7 May 2021 18:10

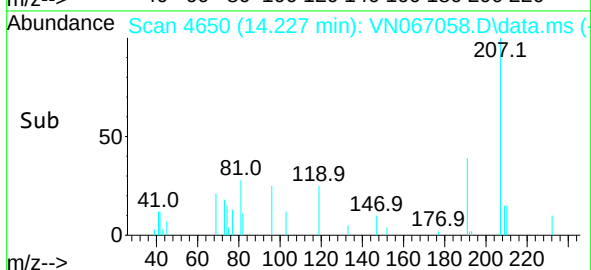
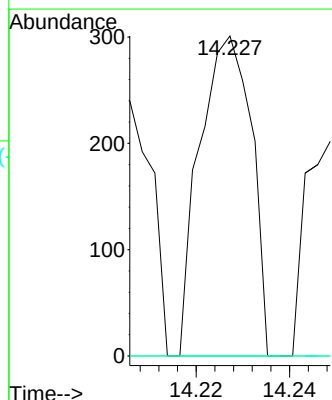
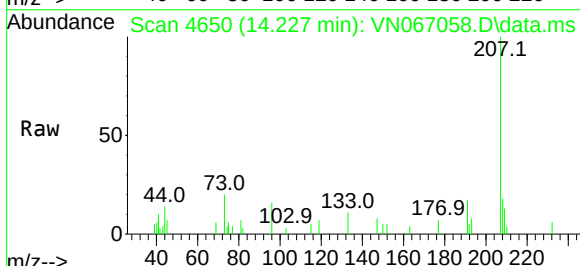
Instrument :
MSVOA_N
ClientSampled :

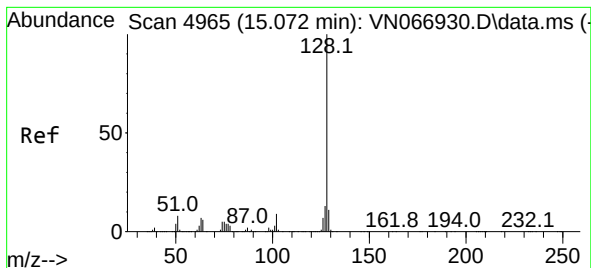
Tgt Ion: 91 Resp: 57
Ion Ratio Lower Upper
91 100
92 0.0 26.1 78.3#
134 0.0 13.0 38.9#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.23 ug/l
RT: 14.227 min Scan# 4650
Delta R.T. 0.008 min
Lab File: VN067058.D
Acq: 7 May 2021 18:10

Tgt Ion: 75 Resp: 231
Ion Ratio Lower Upper
75 100
155 0.0 44.1 132.4#
157 0.0 56.0 168.2#

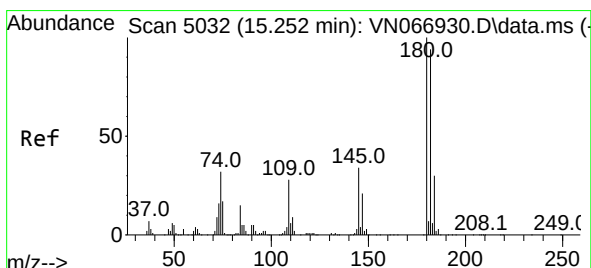
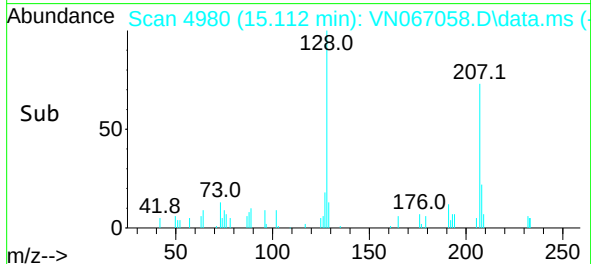
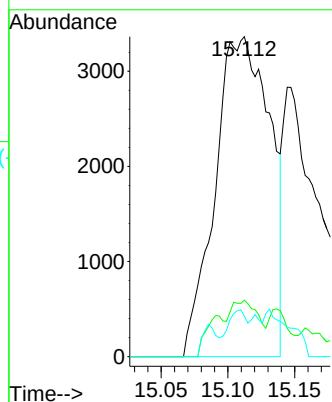
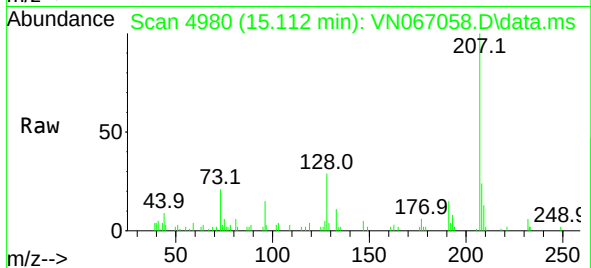




#95
Naphthalene
Concen: 1.05 ug/l
RT: 15.112 min Scan# 4980
Delta R.T. 0.040 min
Lab File: VN067058.D
Acq: 7 May 2021 18:10

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:128 Resp: 9620
Ion Ratio Lower Upper
128 100
127 9.0 10.2 15.2#
129 5.2 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 0.22 ug/l
RT: 15.268 min Scan# 5038
Delta R.T. 0.016 min
Lab File: VN067058.D
Acq: 7 May 2021 18:10

Tgt Ion:180 Resp: 757
Ion Ratio Lower Upper
180 100
182 54.4 47.4 142.3
145 57.3 16.5 49.5#

