

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050621\
 Data File : VN067009.D
 Acq On : 6 May 2021 14:52
 Operator : JC/MD
 Sample : PB136189ZHE#03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 07 04:07:47 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)

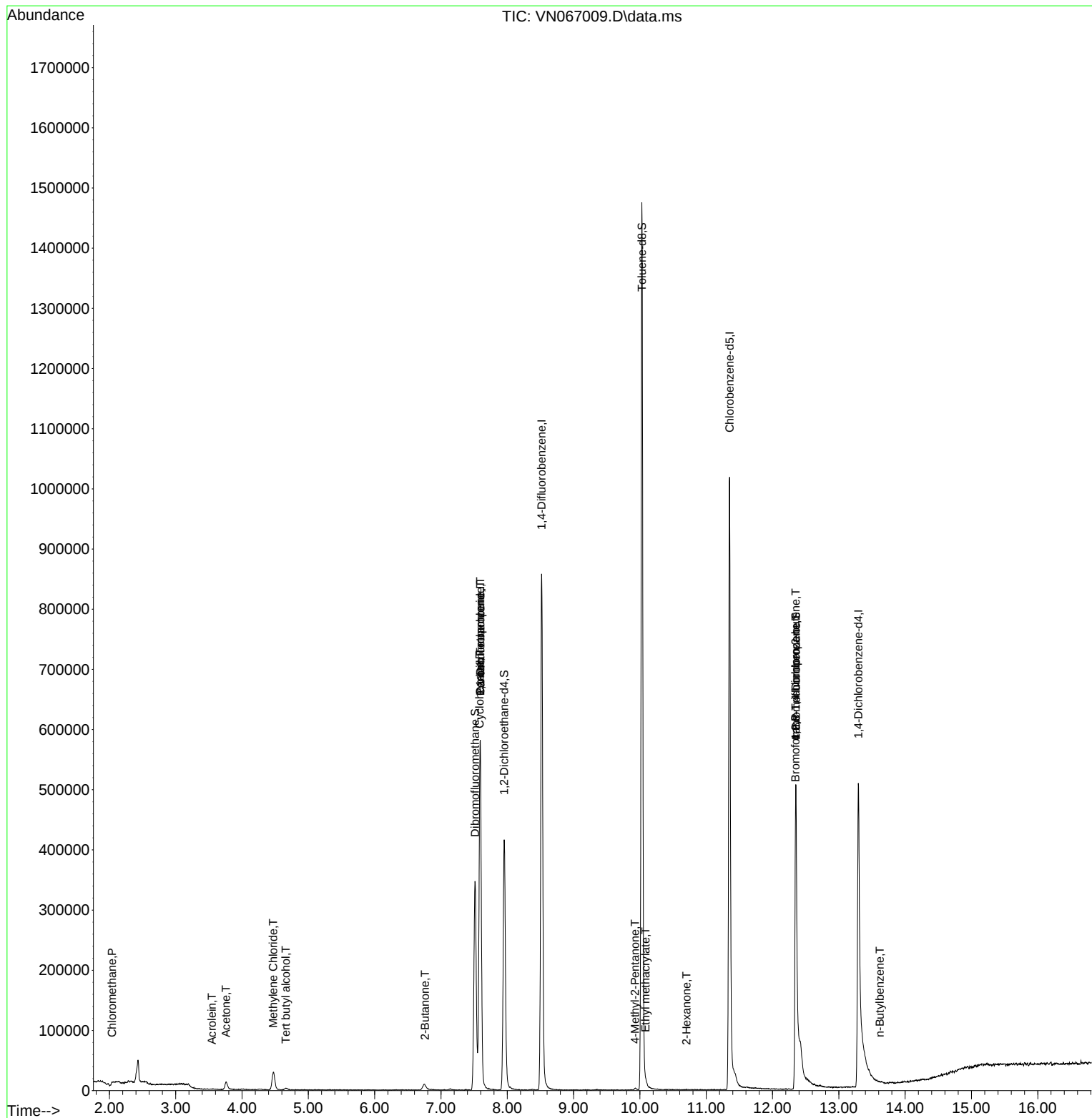
Internal Standards						
1) Pentafluorobenzene	7.592	168	444651	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.517	114	750638	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.352	117	622275	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.294	152	215913	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.954	65	378115	54.02	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 108.04%			
35) Dibromofluoromethane	7.514	113	270008	52.97	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.94%			
50) Toluene-d8	10.030	98	1018860	52.49	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.98%			
62) 4-Bromofluorobenzene	12.353	95	240051	36.52	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 73.04%			
Target Compounds						Qvalue
3) Chloromethane	2.038	50	1935	0.22	ug/l	89
11) Tert butyl alcohol	4.658	59	1383	1.40	ug/l #	73
13) Acrolein	3.545	56	484	0.59	ug/l #	74
16) Acetone	3.757	43	20681	8.40	ug/l	95
20) Methylene Chloride	4.470	84	21488	3.44	ug/l	91
25) 2-Butanone	6.758	43	1836	0.51	ug/l #	89
31) Cyclohexane	7.584	56	10810	1.10	ug/l #	2
36) 1,1-Dichloropropene	7.592	75	39785	5.09	ug/l #	49
38) Carbon Tetrachloride	7.592	117	47283	5.80	ug/l #	16
51) 4-Methyl-2-Pentanone	9.925	43	2736	0.37	ug/l	92
56) Ethyl methacrylate	10.084	69	24	5.19	ug/l #	1
59) 2-Hexanone	10.703	43	55	28.37	ug/l #	23
71) Bromoform	12.345	173	894	0.24	ug/l #	1
76) 1,2,3-Trichloropropane	12.350	75	153349	29.81	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.350	75	153349	88.65	ug/l #	12
89) n-Butylbenzene	13.618	91	27	5.24	ug/l #	34

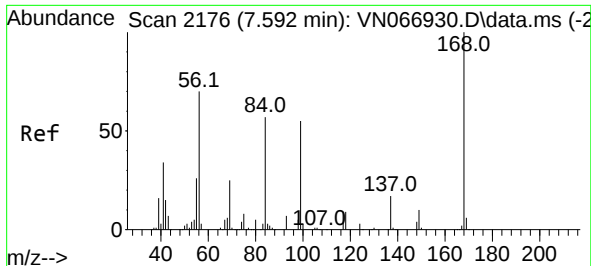
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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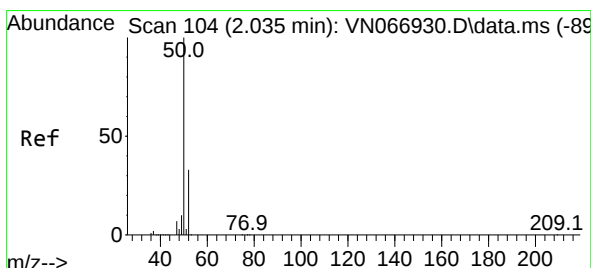
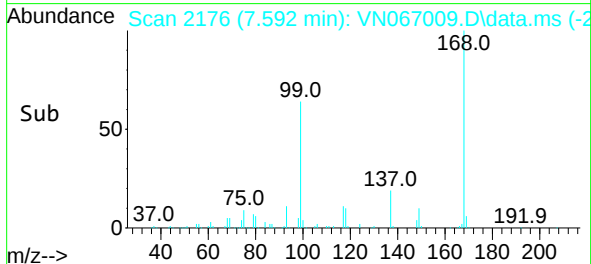
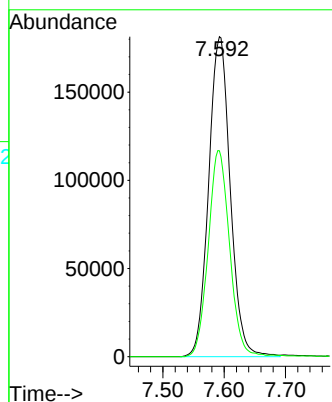
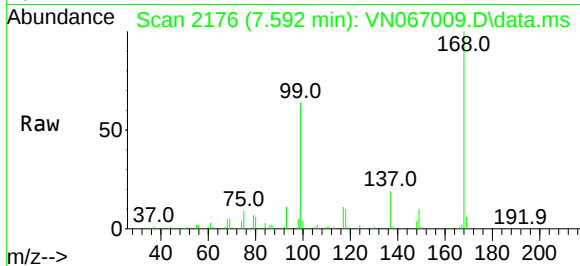




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.592 min Scan# 2176
Delta R.T. 0.000 min
Lab File: VN067009.D
Acq: 6 May 2021 14:52

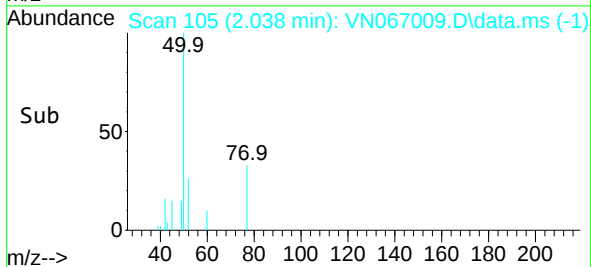
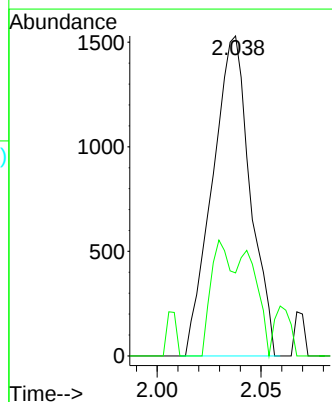
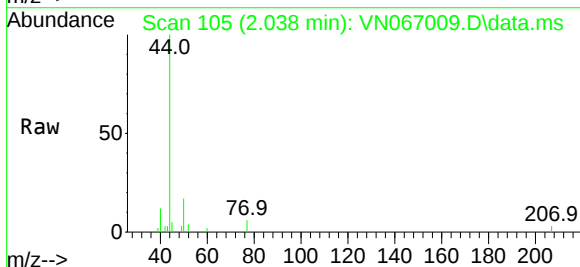
Instrument :
MSVOA_N
ClientSampleId :

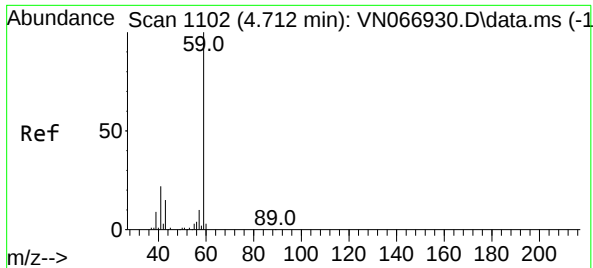
Tgt Ion:168 Resp: 444651
Ion Ratio Lower Upper
168 100
99 64.4 42.6 63.8#



#3
Chloromethane
Concen: 0.22 ug/l
RT: 2.038 min Scan# 105
Delta R.T. 0.003 min
Lab File: VN067009.D
Acq: 6 May 2021 14:52

Tgt Ion: 50 Resp: 1935
Ion Ratio Lower Upper
50 100
52 25.9 25.8 38.8

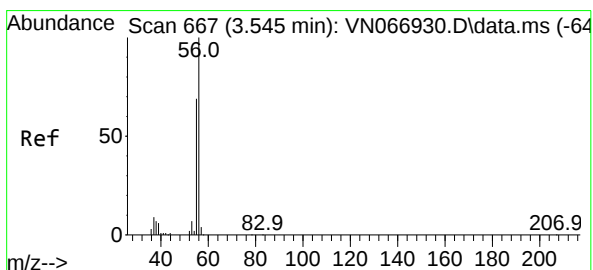
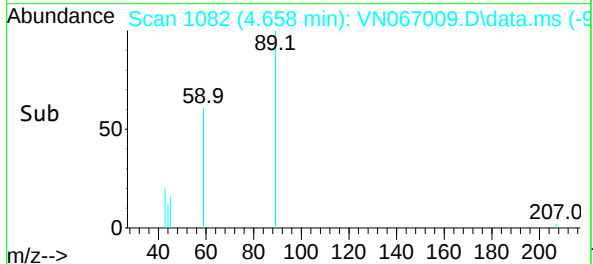
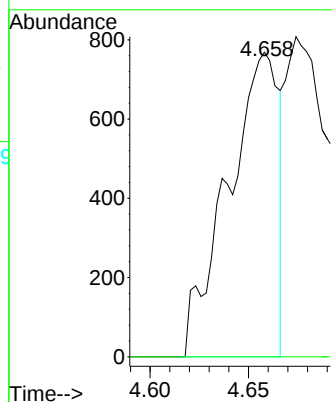
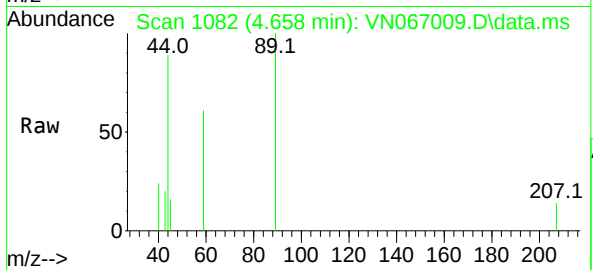




#11
Tert butyl alcohol
Concen: 1.40 ug/l
RT: 4.658 min Scan# 1082
Delta R.T. -0.054 min
Lab File: VN067009.D
Acq: 6 May 2021 14:52

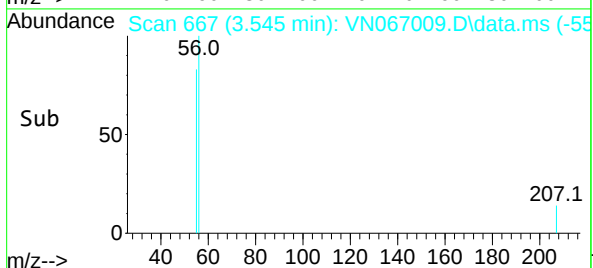
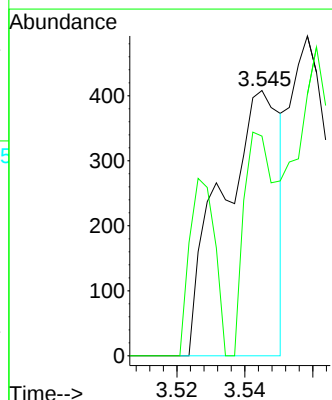
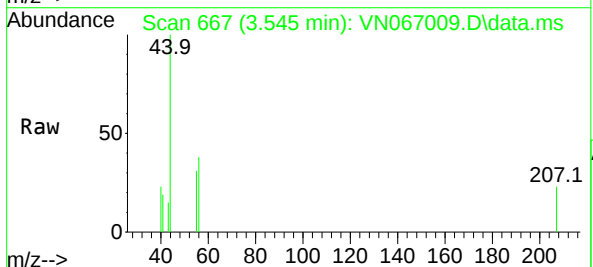
Instrument :
MSVOA_N
ClientSampled :

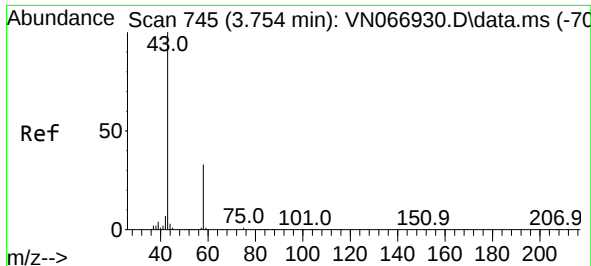
Tgt Ion: 59 Resp: 1383
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



#13
Acrolein
Concen: 0.59 ug/l
RT: 3.545 min Scan# 667
Delta R.T. 0.000 min
Lab File: VN067009.D
Acq: 6 May 2021 14:52

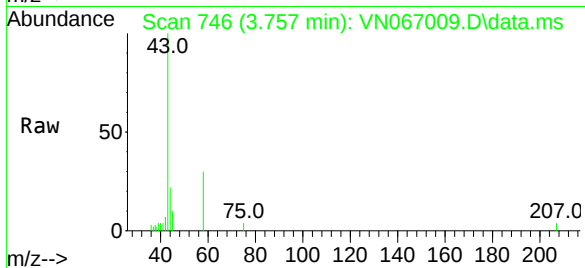
Tgt Ion: 56 Resp: 484
Ion Ratio Lower Upper
56 100
55 48.3 56.0 84.0#



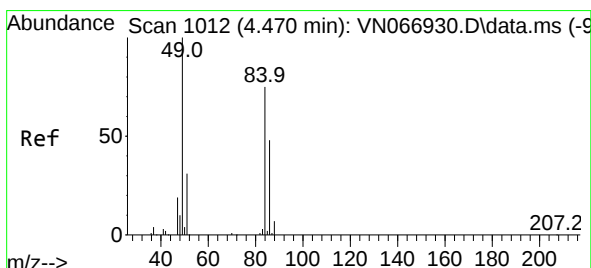
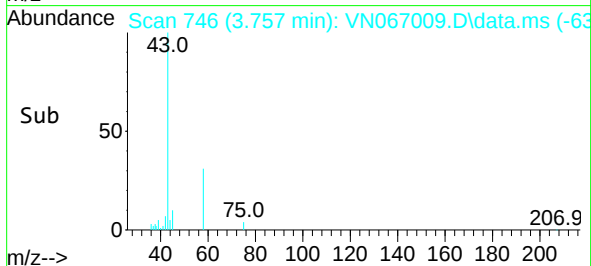
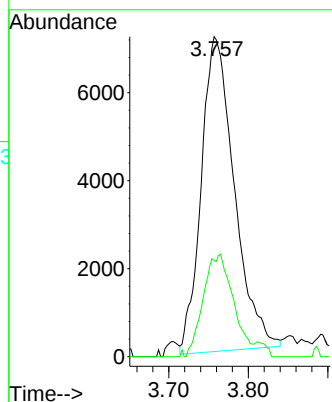


#16
Acetone
Concen: 8.40 ug/l
RT: 3.757 min Scan# 746
Delta R.T. 0.003 min
Lab File: VN067009.D
Acq: 6 May 2021 14:52

Instrument :
MSVOA_N
ClientSampled :

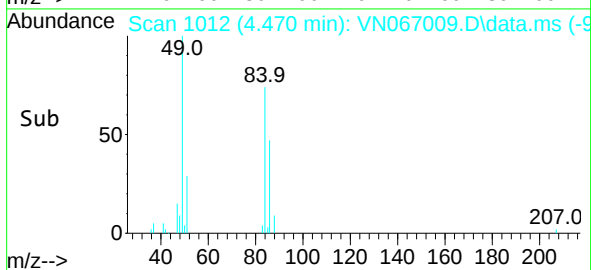
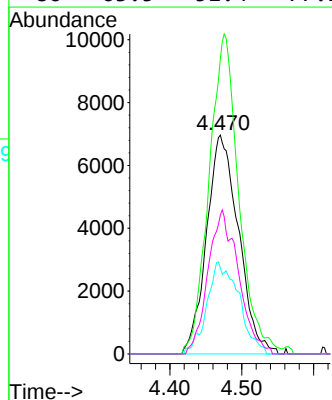
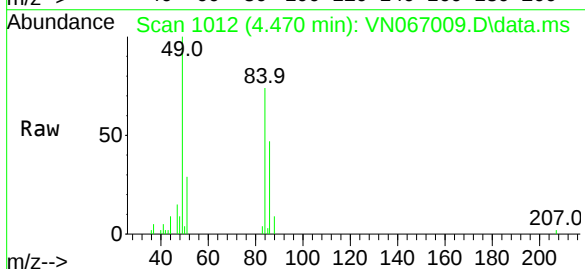


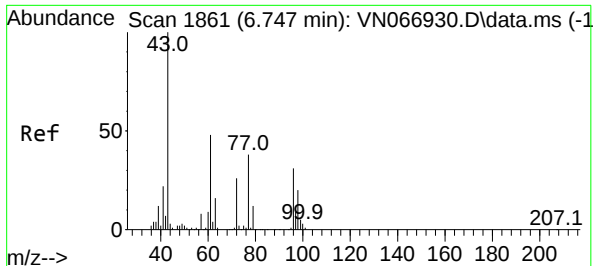
Tgt Ion: 43 Resp: 20681
Ion Ratio Lower Upper
43 100
58 31.1 27.0 40.6



#20
Methylene Chloride
Concen: 3.44 ug/l
RT: 4.470 min Scan# 1012
Delta R.T. 0.000 min
Lab File: VN067009.D
Acq: 6 May 2021 14:52

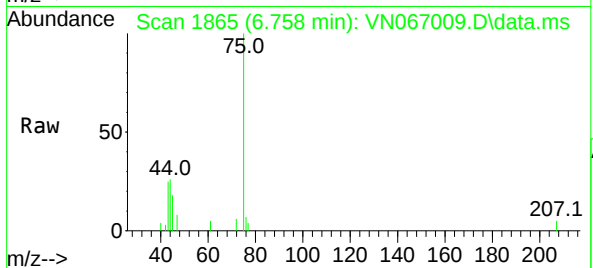
Tgt Ion: 84 Resp: 21488
Ion Ratio Lower Upper
84 100
49 134.8 94.6 141.8
51 39.3 29.9 44.9
86 63.5 51.4 77.2



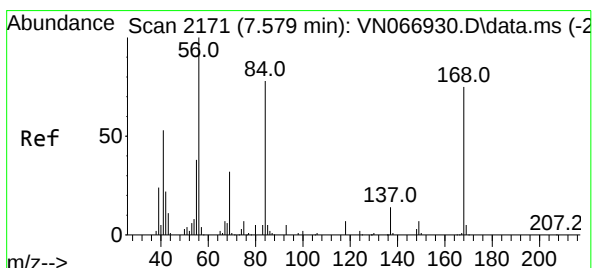
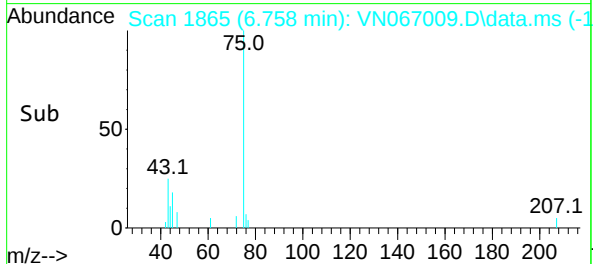
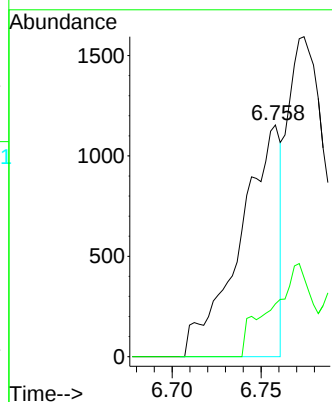


#25
2-Butanone
Concen: 0.51 ug/l
RT: 6.758 min Scan# 1865
Delta R.T. 0.011 min
Lab File: VN067009.D
Acq: 6 May 2021 14:52

Instrument :
MSVOA_N
ClientSampled :

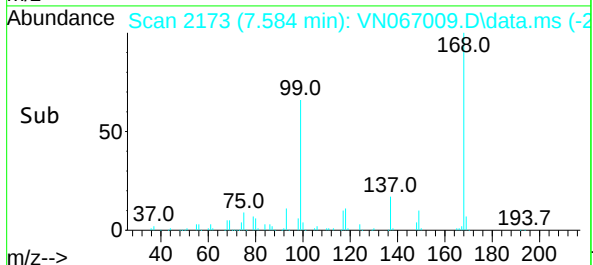
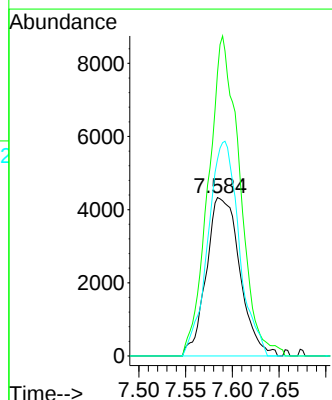
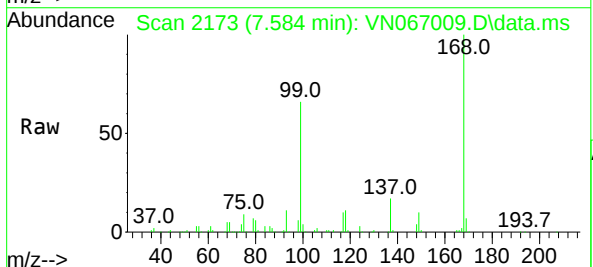


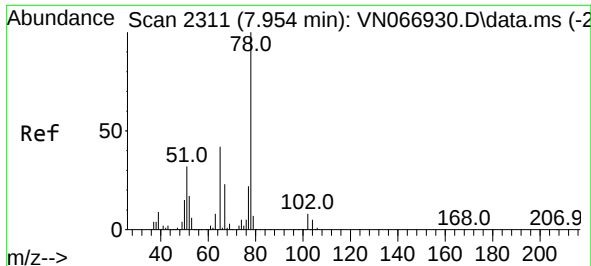
Tgt Ion: 43 Resp: 1836
Ion Ratio Lower Upper
43 100
72 22.8 23.1 34.7#



#31
Cyclohexane
Concen: 1.10 ug/l
RT: 7.584 min Scan# 2173
Delta R.T. 0.005 min
Lab File: VN067009.D
Acq: 6 May 2021 14:52

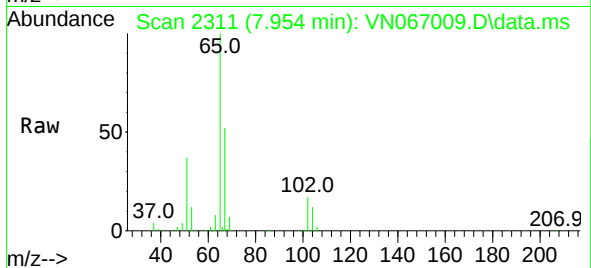
Tgt Ion: 56 Resp: 10810
Ion Ratio Lower Upper
56 100
69 178.6 26.6 39.8#
84 124.1 70.4 105.6#



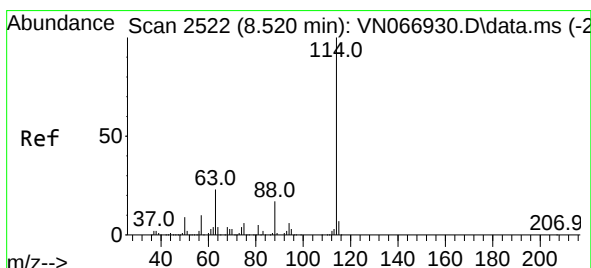
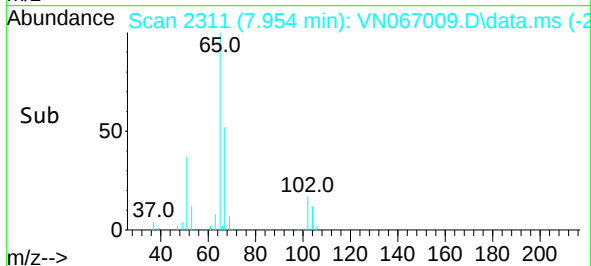
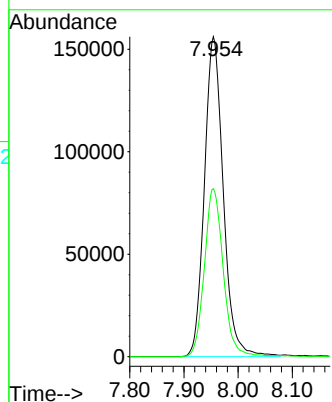


#33
1,2-Dichloroethane-d4
Concen: 54.02 ug/l
RT: 7.954 min Scan# 2311
Delta R.T. 0.000 min
Lab File: VN067009.D
Acq: 6 May 2021 14:52

Instrument :
MSVOA_N
ClientSampled :

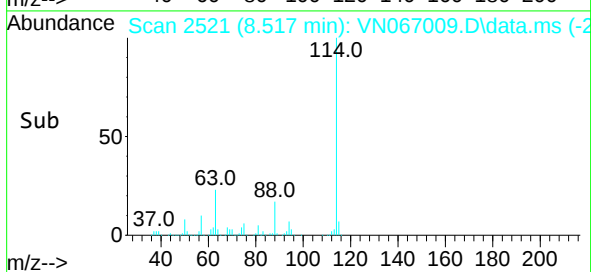
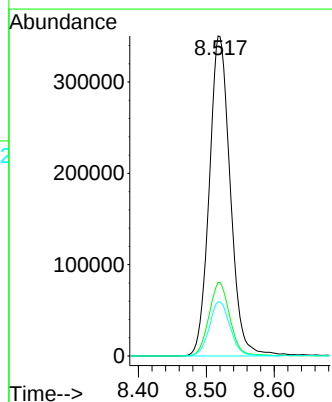
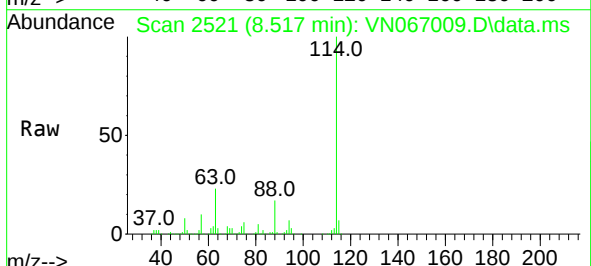


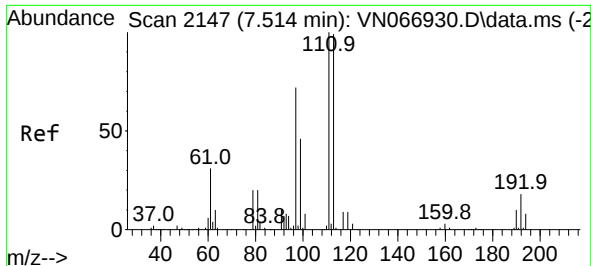
Tgt Ion: 65 Resp: 378115
Ion Ratio Lower Upper
65 100
67 52.2 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.517 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VN067009.D
Acq: 6 May 2021 14:52

Tgt Ion: 114 Resp: 750638
Ion Ratio Lower Upper
114 100
63 23.0 0.0 38.6
88 16.9 0.0 30.6

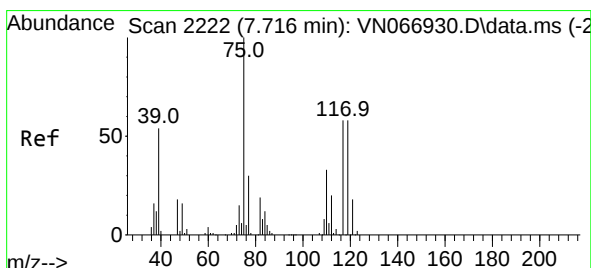
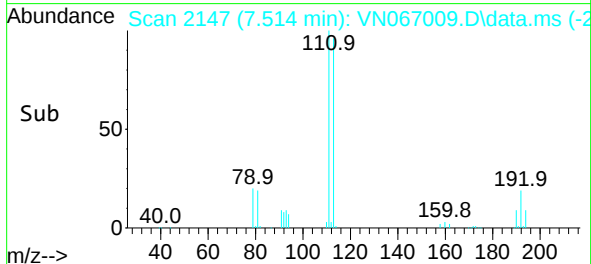
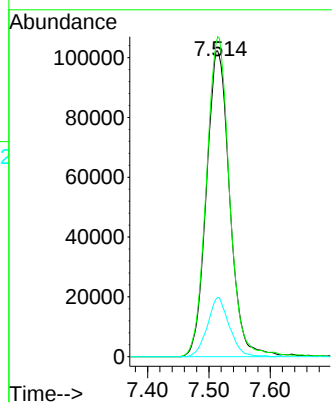
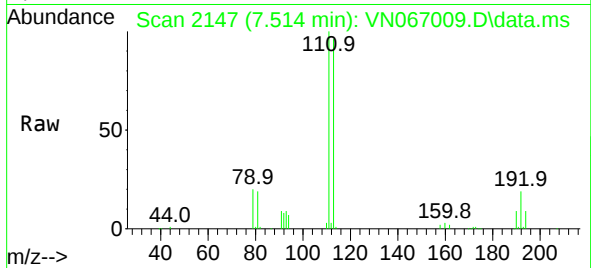




#35
Dibromofluoromethane
Concen: 52.97 ug/l
RT: 7.514 min Scan# 2147
Delta R.T. 0.000 min
Lab File: VN067009.D
Acq: 6 May 2021 14:52

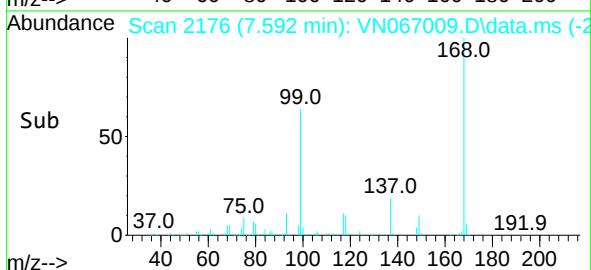
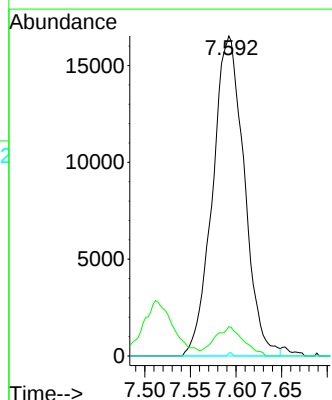
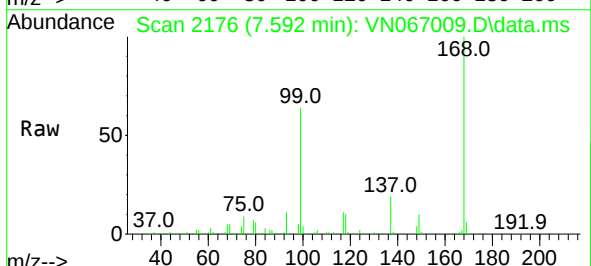
Instrument :
MSVOA_N
ClientSampled :

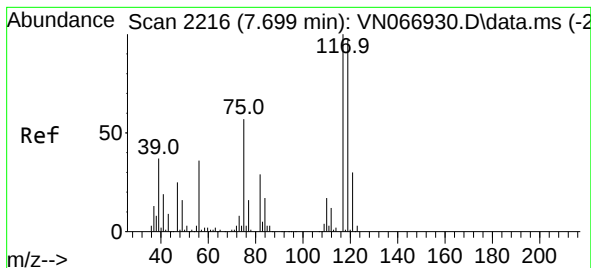
Tgt Ion:113 Resp: 270008
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.2
192 18.1 15.4 23.0



#36
1,1-Dichloropropene
Concen: 5.09 ug/l
RT: 7.592 min Scan# 2176
Delta R.T. -0.124 min
Lab File: VN067009.D
Acq: 6 May 2021 14:52

Tgt Ion: 75 Resp: 39785
Ion Ratio Lower Upper
75 100
110 8.4 18.2 54.6#
77 0.1 24.9 37.3#





#38

Carbon Tetrachloride

Concen: 5.80 ug/l

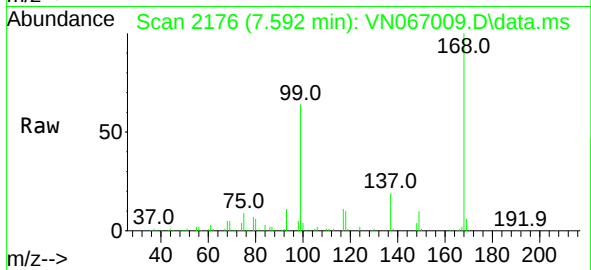
RT: 7.592 min Scan# 2176

Delta R.T. -0.107 min

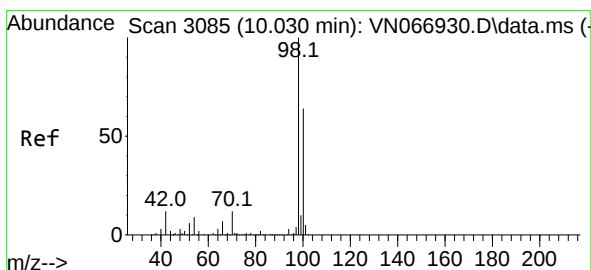
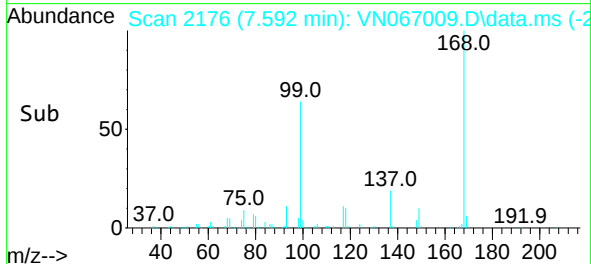
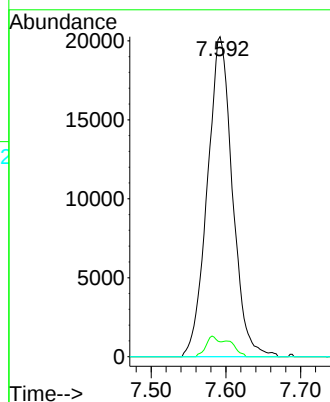
Lab File: VN067009.D

Acq: 6 May 2021 14:52

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	117	Resp:	47283
Ion	Ratio	Lower	Upper
117	100		
119	4.7	76.0	114.0#
121	0.0	24.5	36.7#



#50

Toluene-d8

Concen: 52.49 ug/l

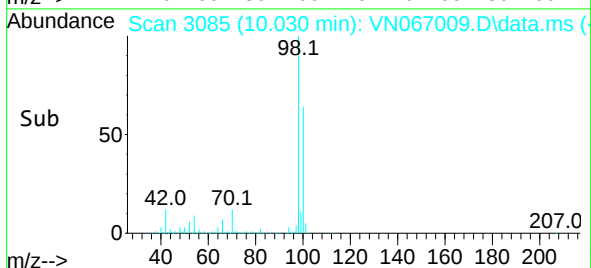
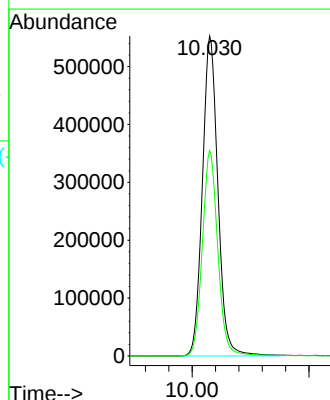
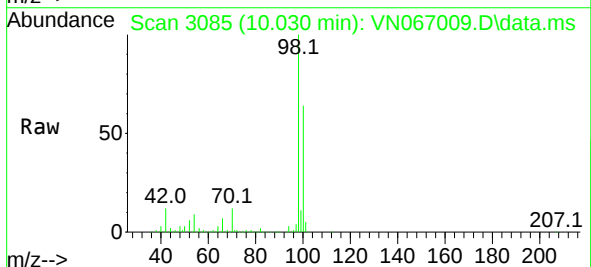
RT: 10.030 min Scan# 3085

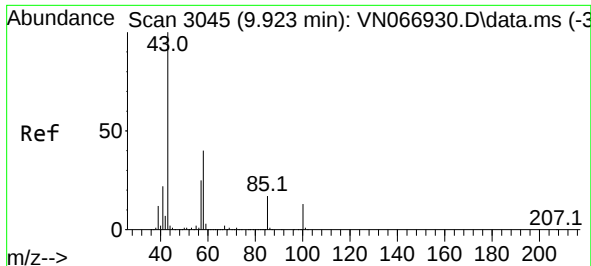
Delta R.T. 0.000 min

Lab File: VN067009.D

Acq: 6 May 2021 14:52

Tgt Ion:	98	Resp:	1018860
Ion	Ratio	Lower	Upper
98	100		
100	63.8	50.5	75.7

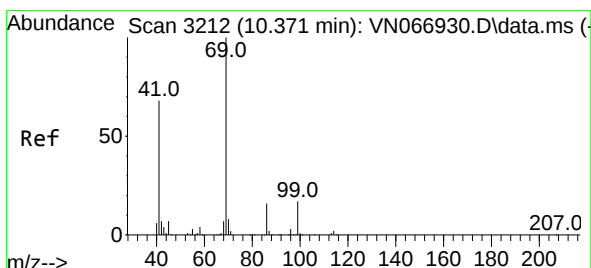
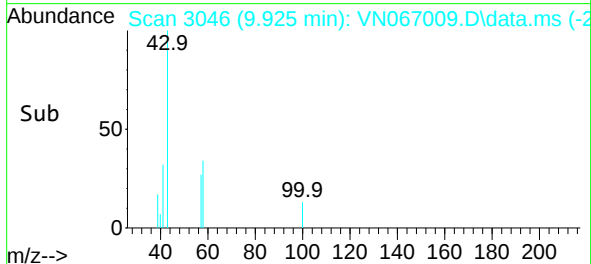
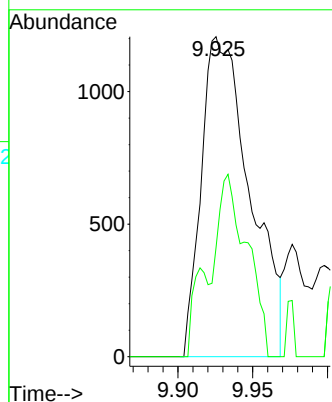
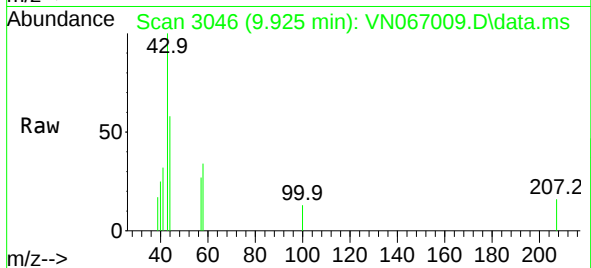




#51
4-Methyl-2-Pentanone
Concen: 0.37 ug/l
RT: 9.925 min Scan# 3046
Delta R.T. 0.002 min
Lab File: VN067009.D
Acq: 6 May 2021 14:52

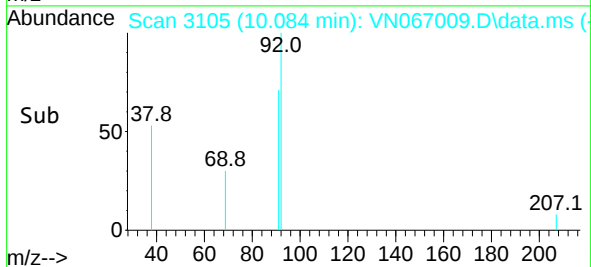
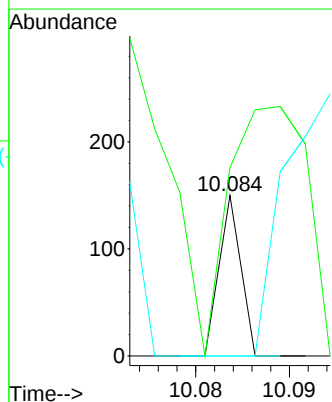
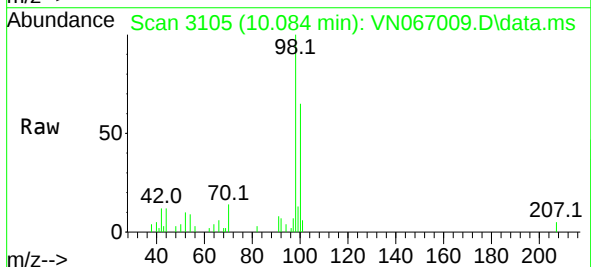
Instrument :
MSVOA_N
ClientSampled :

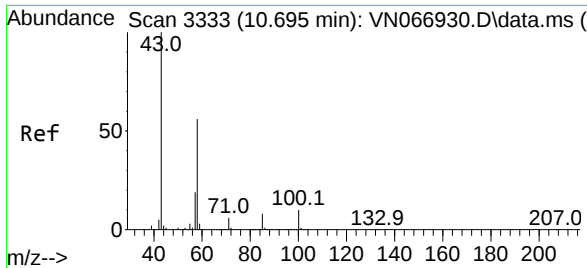
Tgt Ion: 43 Resp: 2736
Ion Ratio Lower Upper
43 100
58 35.7 32.5 48.7



#56
Ethyl methacrylate
Concen: 5.19 ug/l
RT: 10.084 min Scan# 3105
Delta R.T. -0.287 min
Lab File: VN067009.D
Acq: 6 May 2021 14:52

Tgt Ion: 69 Resp: 24
Ion Ratio Lower Upper
69 100
41 562.5 49.6 74.4#
39 1054.2 28.0 42.0#

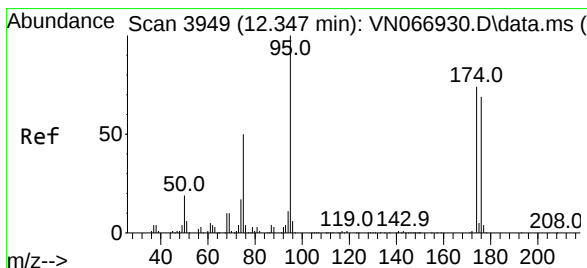
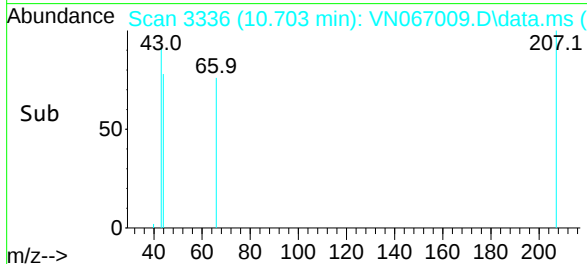
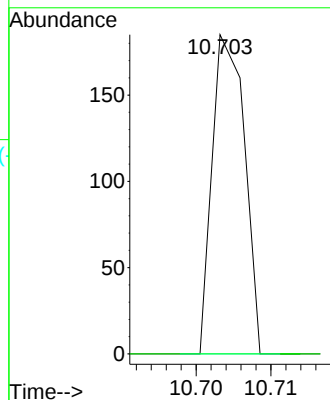
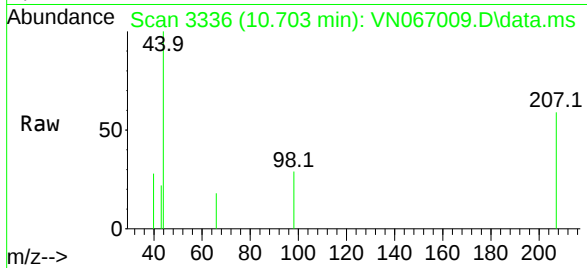




#59
2-Hexanone
Concen: 28.37 ug/l
RT: 10.703 min Scan# 3336
Delta R.T. 0.008 min
Lab File: VN067009.D
Acq: 6 May 2021 14:52

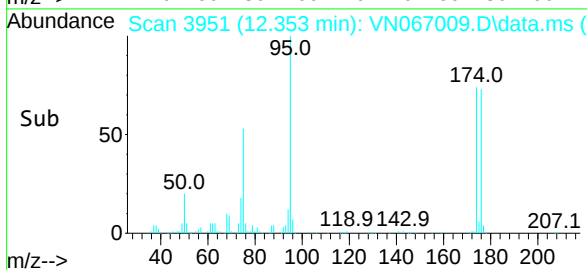
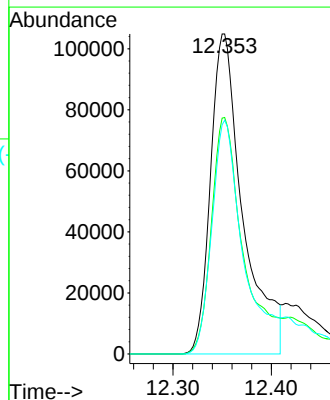
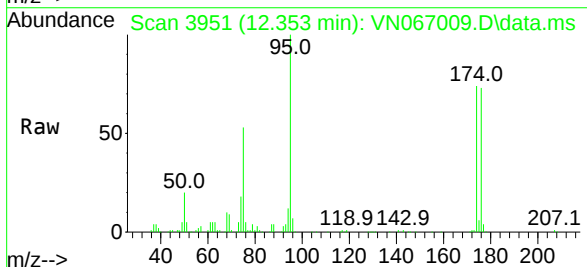
Instrument :
MSVOA_N
ClientSampled :

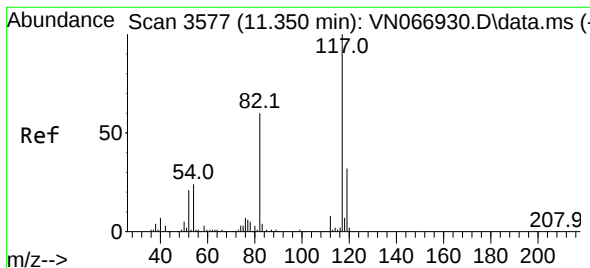
Tgt Ion: 43 Resp: 55
Ion Ratio Lower Upper
43 100
58 0.0 28.1 84.3#



#62
4-Bromofluorobenzene
Concen: 36.52 ug/l
RT: 12.353 min Scan# 3951
Delta R.T. 0.006 min
Lab File: VN067009.D
Acq: 6 May 2021 14:52

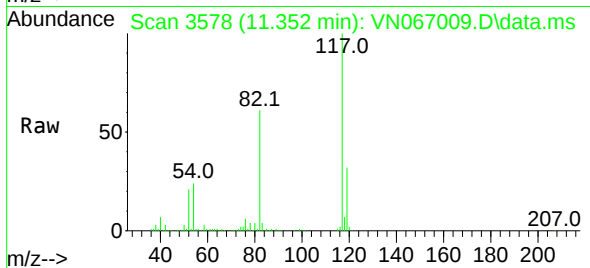
Tgt Ion: 95 Resp: 240051
Ion Ratio Lower Upper
95 100
174 73.4 0.0 169.0
176 70.8 0.0 162.4



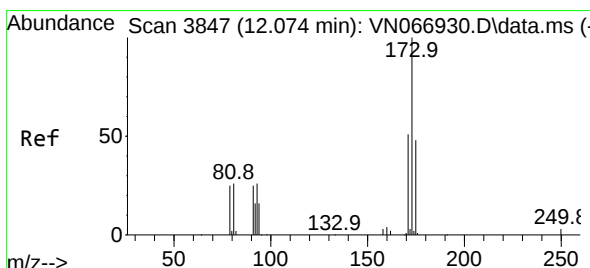
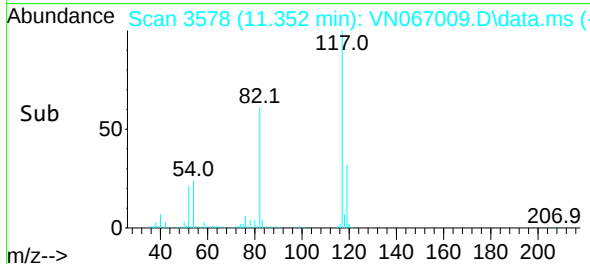
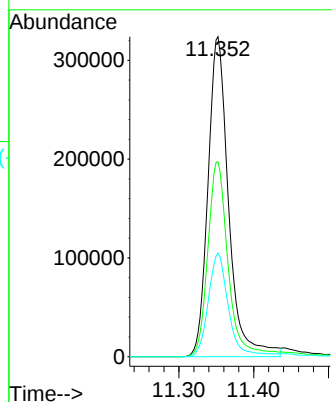


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.352 min Scan# 3578
Delta R.T. 0.002 min
Lab File: VN067009.D
Acq: 6 May 2021 14:52

Instrument :
MSVOA_N
ClientSampled :

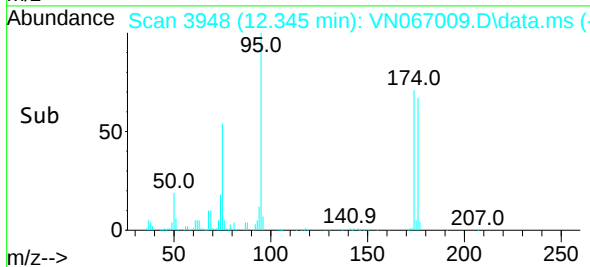
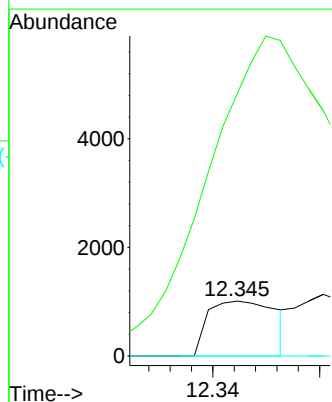
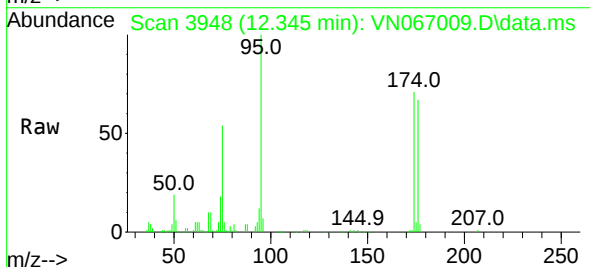


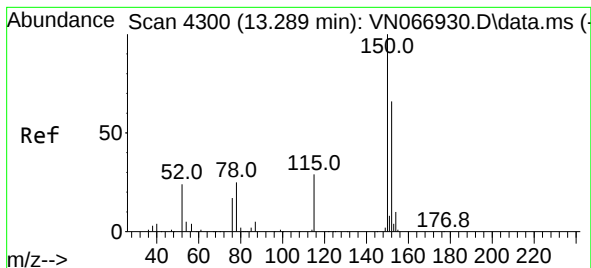
Tgt Ion:117 Resp: 622275
Ion Ratio Lower Upper
117 100
82 60.9 43.7 65.5
119 32.4 26.1 39.1



#71
Bromoform
Concen: 0.24 ug/l
RT: 12.345 min Scan# 3948
Delta R.T. 0.271 min
Lab File: VN067009.D
Acq: 6 May 2021 14:52

Tgt Ion:173 Resp: 894
Ion Ratio Lower Upper
173 100
175 1003.8 23.8 71.2#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.294 min Scan# 4302

Delta R.T. 0.005 min

Lab File: VN067009.D

Acq: 6 May 2021 14:52

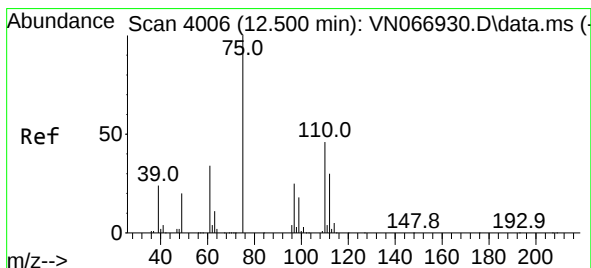
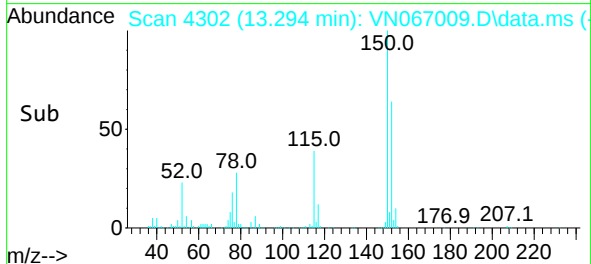
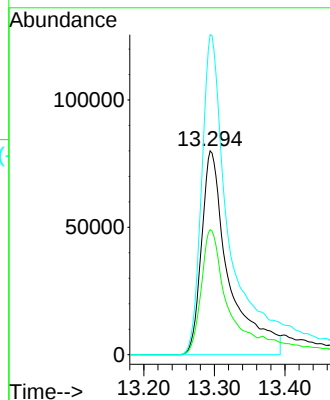
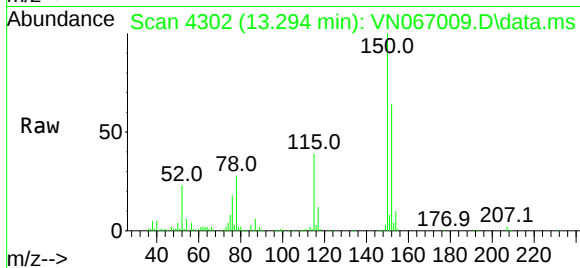
Tgt Ion:152 Resp: 215913

Ion Ratio Lower Upper

152 100

115 56.8 28.5 85.6

150 171.0 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 29.81 ug/l

RT: 12.350 min Scan# 3950

Delta R.T. -0.150 min

Lab File: VN067009.D

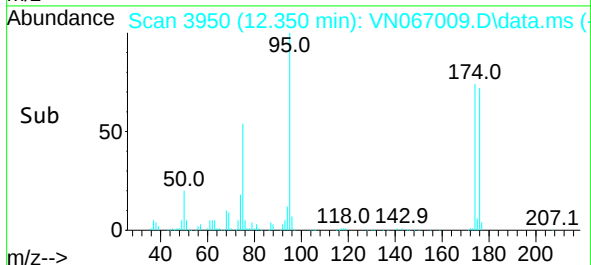
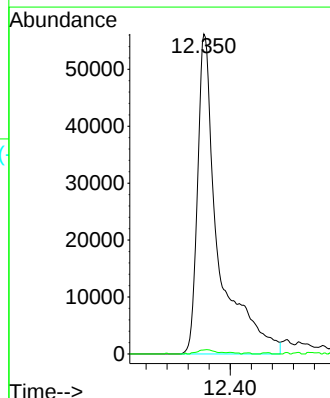
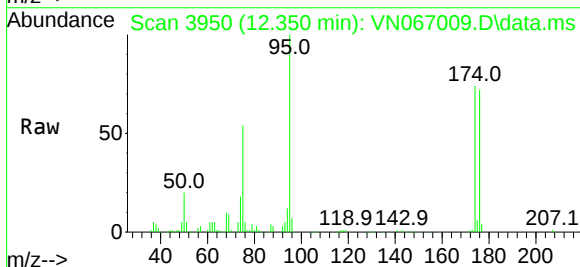
Acq: 6 May 2021 14:52

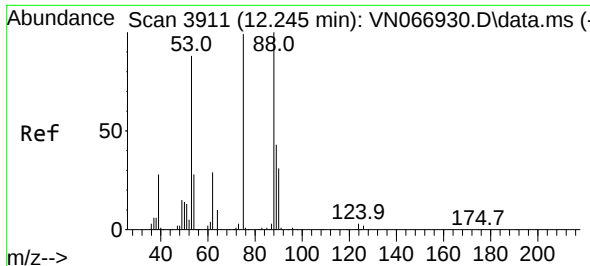
Tgt Ion: 75 Resp: 153349

Ion Ratio Lower Upper

75 100

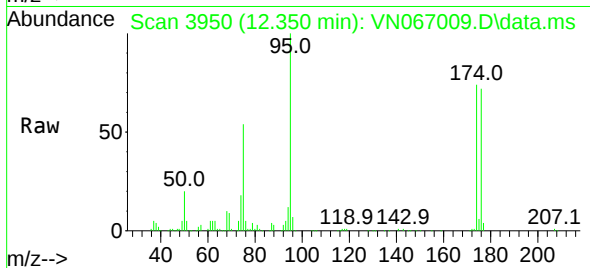
77 1.0 0.0 0.0#



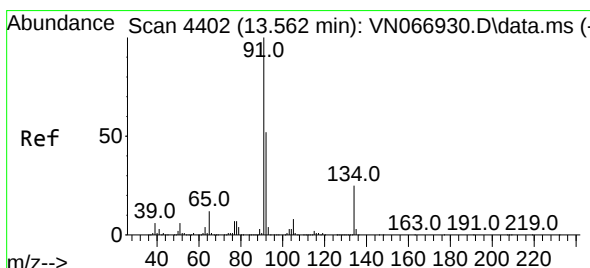
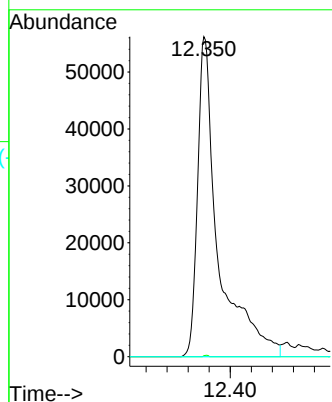
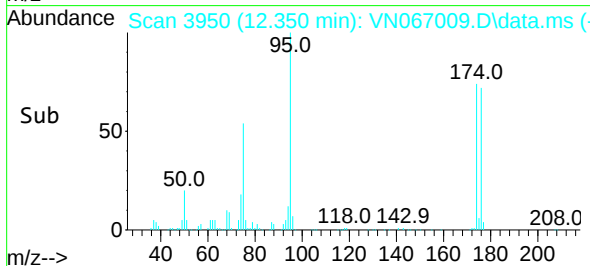


#81
trans-1,4-Dichloro-2-butene
Concen: 88.65 ug/l
RT: 12.350 min Scan# 3950
Delta R.T. 0.105 min
Lab File: VN067009.D
Acq: 6 May 2021 14:52

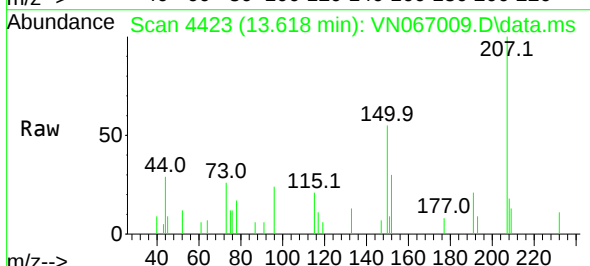
Instrument :
MSVOA_N
ClientSampled :



Tgt Ion: 75 Resp: 153349
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: VN067009.D
Acq: 6 May 2021 14:52



Tgt Ion: 91 Resp: 27
Ion Ratio Lower Upper
91 100
92 0.0 26.1 78.3#
134 0.0 13.0 38.9#

