

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050621\
 Data File : VN067008.D
 Acq On : 6 May 2021 14:28
 Operator : JC/MD
 Sample : PB136189ZHE#02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 07 04:07:30 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	458196	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.520	114	768134	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.352	117	656040	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.294	152	219358	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.954	65	389134	53.96	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	107.92%
35) Dibromofluoromethane	7.514	113	278334	53.36	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	106.72%
50) Toluene-d8	10.030	98	1037499	52.23	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.46%
62) 4-Bromofluorobenzene	12.350	95	301716	44.86	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	89.72%

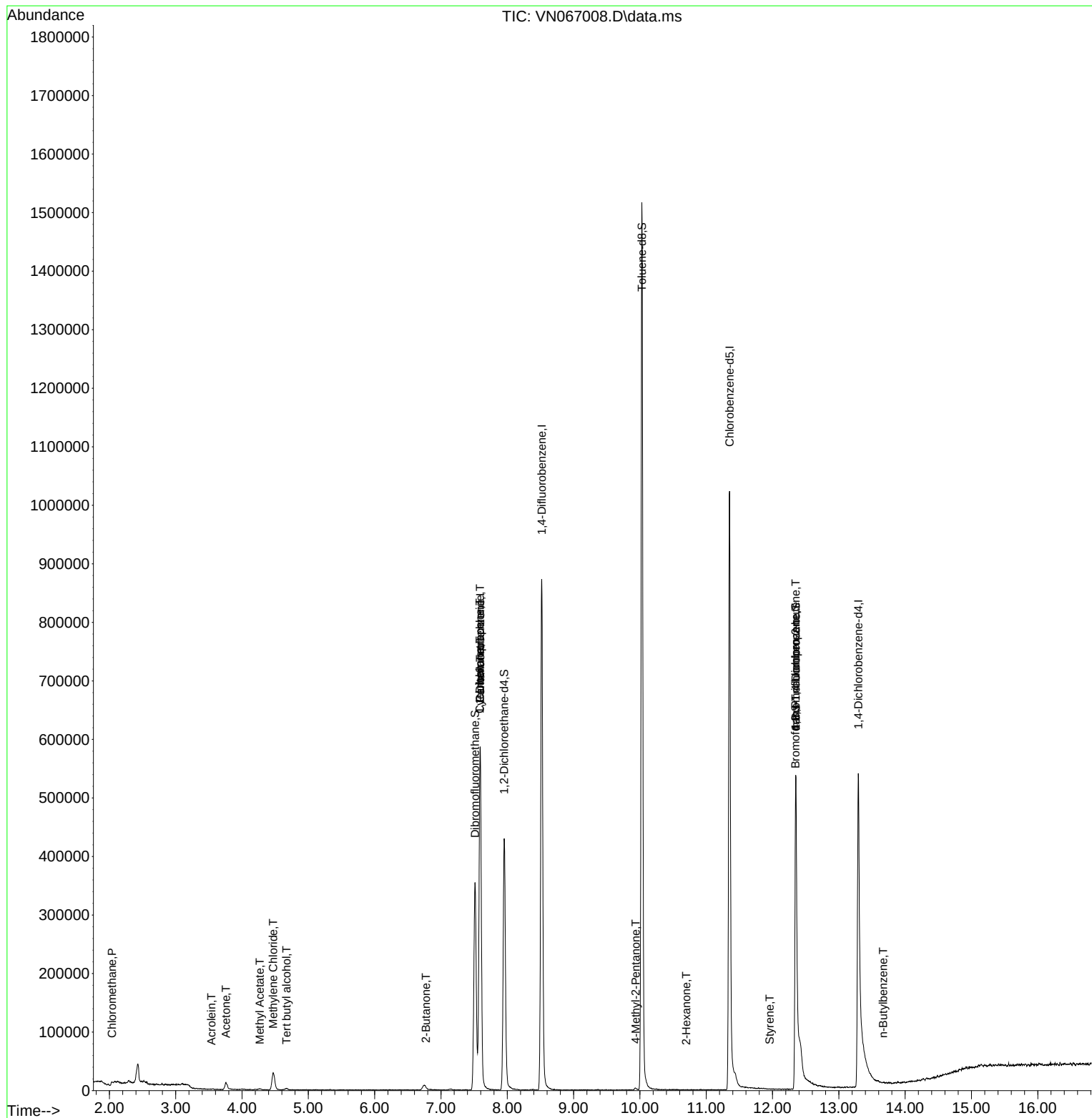
Target Compounds						Qvalue
3) Chloromethane	2.038	50	2002	0.23	ug/l #	78
11) Tert butyl alcohol	4.671	59	847	0.83	ug/l #	73
13) Acrolein	3.537	56	224	0.26	ug/l #	15
16) Acetone	3.757	43	19647	7.74	ug/l	93
18) Methyl Acetate	4.269	43	3761	0.52	ug/l #	60
20) Methylene Chloride	4.470	84	21058	3.27	ug/l	98
25) 2-Butanone	6.774	43	3985	1.07	ug/l	93
31) Cyclohexane	7.587	56	10474	1.03	ug/l #	9
36) 1,1-Dichloropropene	7.587	75	40933	5.12	ug/l #	48
38) Carbon Tetrachloride	7.589	117	46672	5.60	ug/l #	18
51) 4-Methyl-2-Pentanone	9.936	43	2959	0.39	ug/l #	80
59) 2-Hexanone	10.701	43	120	28.38	ug/l #	23
70) Styrene	11.956	104	25	4.71	ug/l #	26
71) Bromoform	12.345	173	793	0.20	ug/l #	29
76) 1,2,3-Trichloropropane	12.350	75	126266	24.16	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.350	75	126266	72.90	ug/l #	12
89) n-Butylbenzene	13.669	91	32	5.24	ug/l #	34

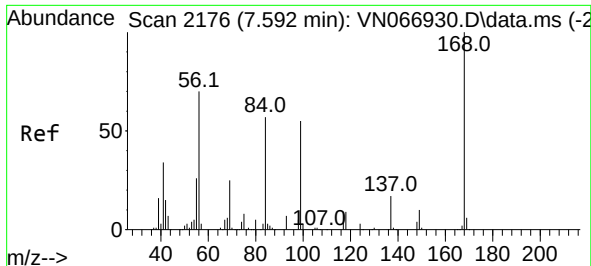
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050621\
Data File : VN067008.D
Acq On : 6 May 2021 14:28
Operator : JC/MD
Sample : PB136189ZHE#02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: May 07 04:07:30 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

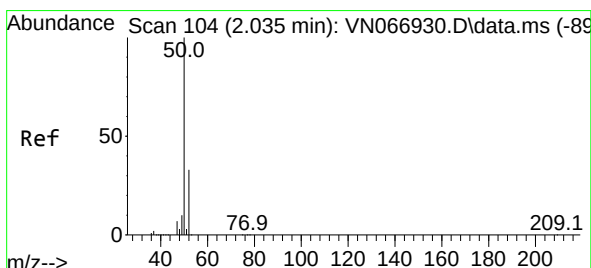
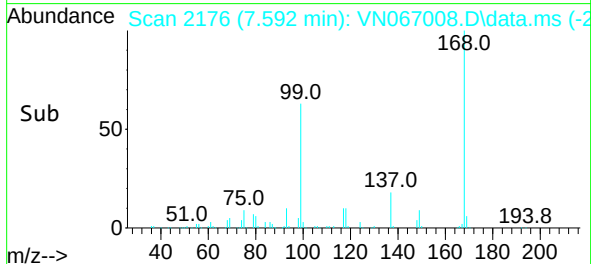
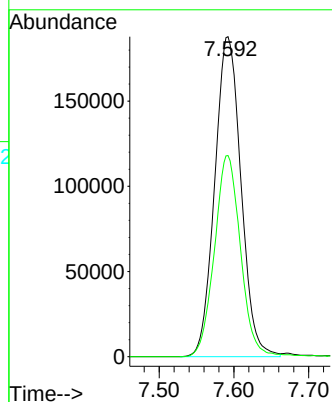
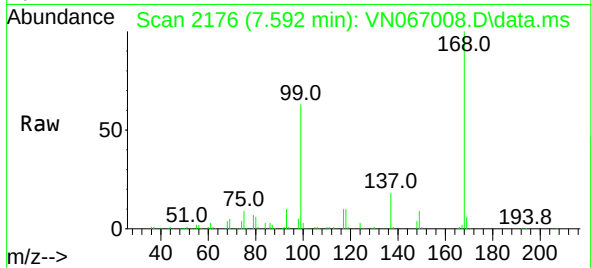




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.592 min Scan# 2176
Delta R.T. 0.000 min
Lab File: VN067008.D
Acq: 6 May 2021 14:28

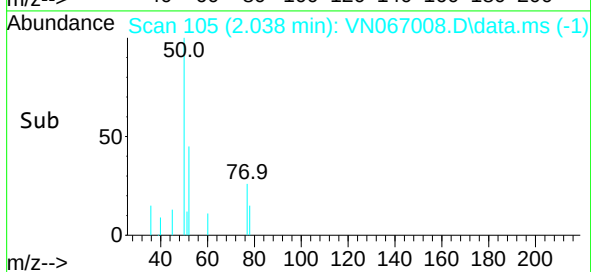
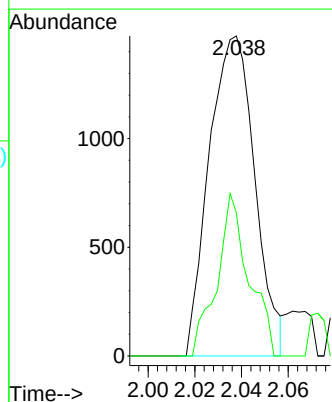
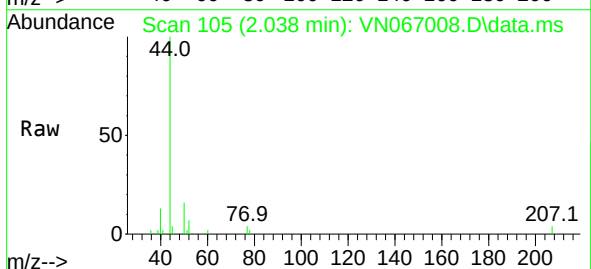
Instrument :
MSVOA_N
ClientSampled :

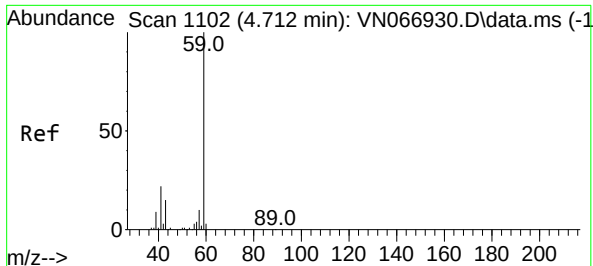
Tgt Ion:168 Resp: 458196
Ion Ratio Lower Upper
168 100
99 62.8 42.6 63.8



#3
Chloromethane
Concen: 0.23 ug/l
RT: 2.038 min Scan# 105
Delta R.T. 0.003 min
Lab File: VN067008.D
Acq: 6 May 2021 14:28

Tgt Ion: 50 Resp: 2002
Ion Ratio Lower Upper
50 100
52 44.7 25.8 38.8#



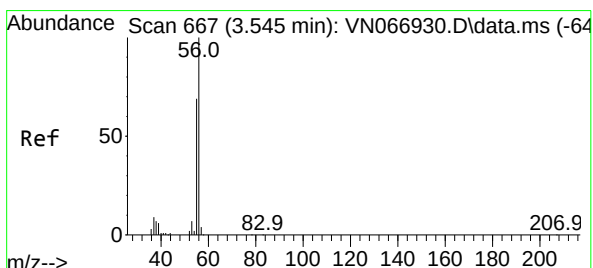
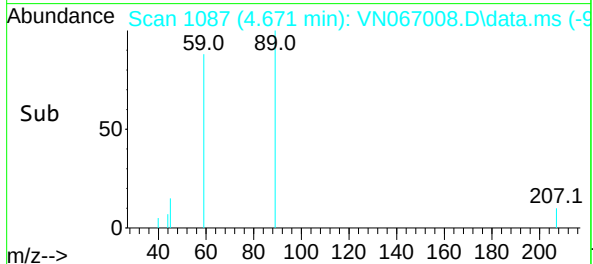
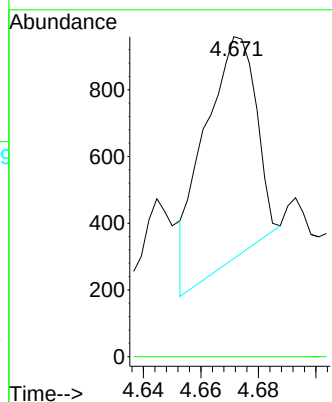
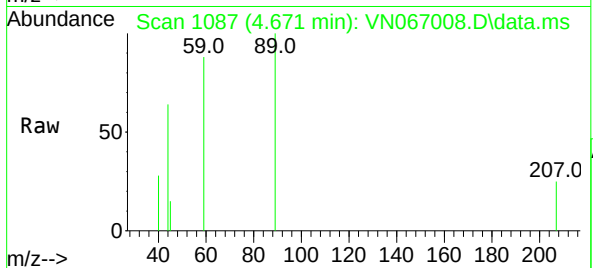


#11

Tert butyl alcohol
Concen: 0.83 ug/l
RT: 4.671 min Scan# 1087
Delta R.T. -0.041 min
Lab File: VN067008.D
Acq: 6 May 2021 14:28

Instrument :
MSVOA_N
ClientSampled :

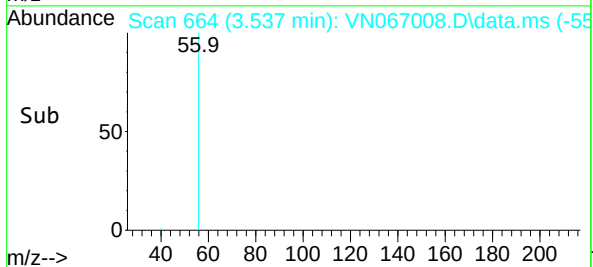
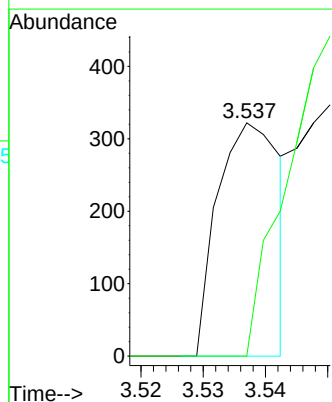
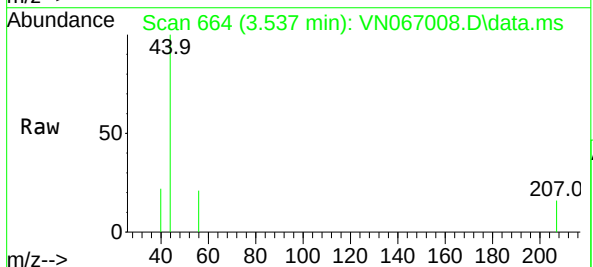
Tgt Ion: 59 Resp: 847
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

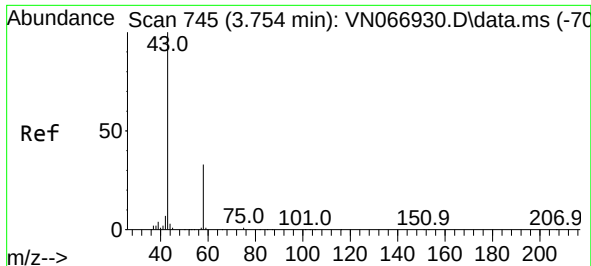


#13

Acrolein
Concen: 0.26 ug/l
RT: 3.537 min Scan# 664
Delta R.T. -0.008 min
Lab File: VN067008.D
Acq: 6 May 2021 14:28

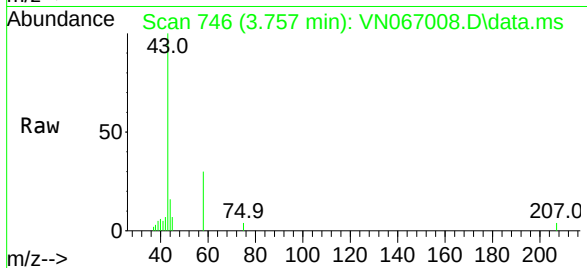
Tgt Ion: 56 Resp: 224
Ion Ratio Lower Upper
56 100
55 0.0 56.0 84.0#



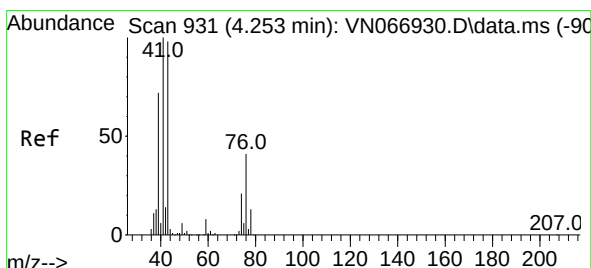
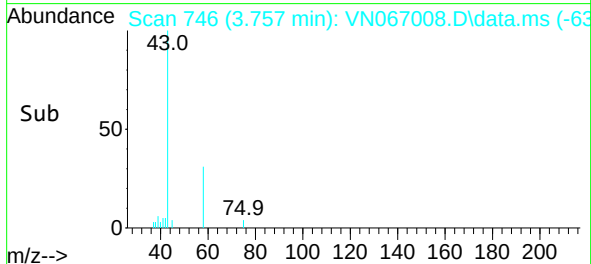
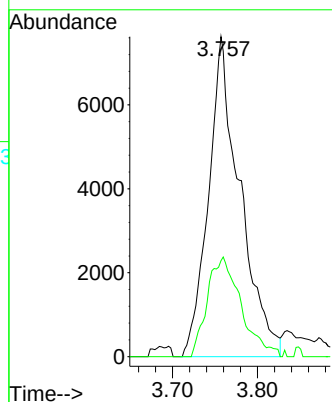


#16
Acetone
Concen: 7.74 ug/l
RT: 3.757 min Scan# 746
Delta R.T. 0.003 min
Lab File: VN067008.D
Acq: 6 May 2021 14:28

Instrument :
MSVOA_N
ClientSampled :

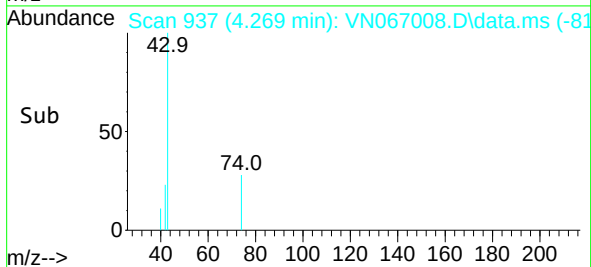
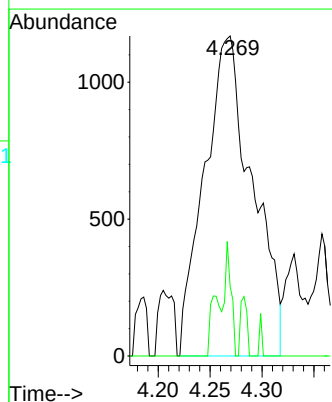
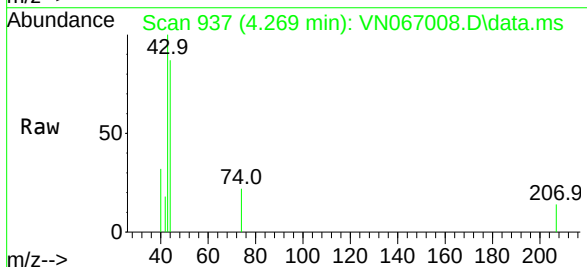


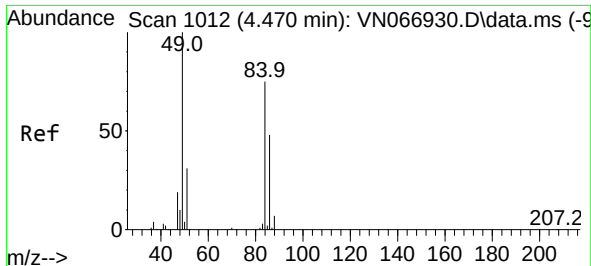
Tgt Ion: 43 Resp: 19647
Ion Ratio Lower Upper
43 100
58 30.0 27.0 40.6



#18
Methyl Acetate
Concen: 0.52 ug/l
RT: 4.269 min Scan# 937
Delta R.T. 0.016 min
Lab File: VN067008.D
Acq: 6 May 2021 14:28

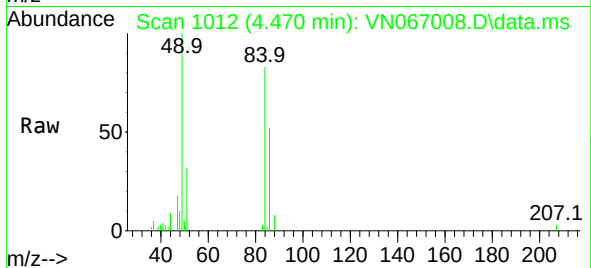
Tgt Ion: 43 Resp: 3761
Ion Ratio Lower Upper
43 100
74 4.6 19.5 29.3#



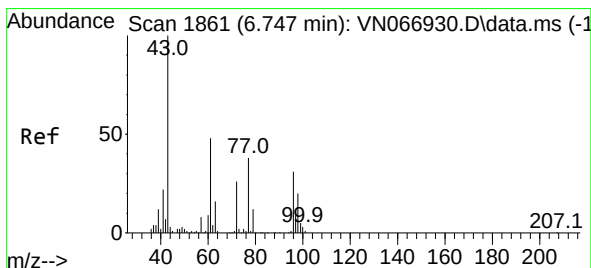
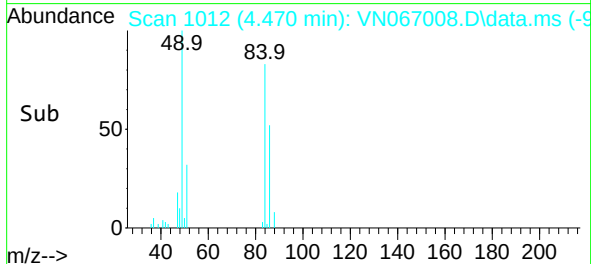
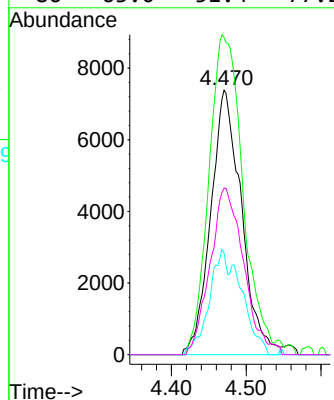


#20
Methylene Chloride
Concen: 3.27 ug/l
RT: 4.470 min Scan# 1012
Delta R.T. 0.000 min
Lab File: VN067008.D
Acq: 6 May 2021 14:28

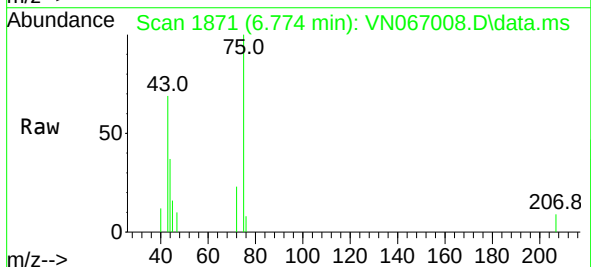
Instrument :
MSVOA_N
ClientSampled :



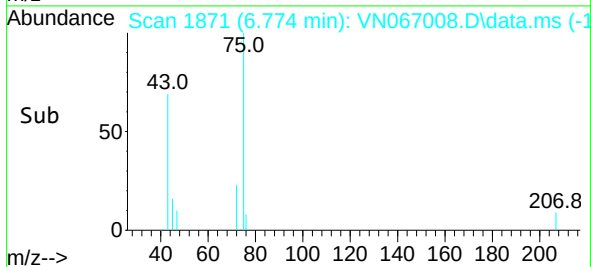
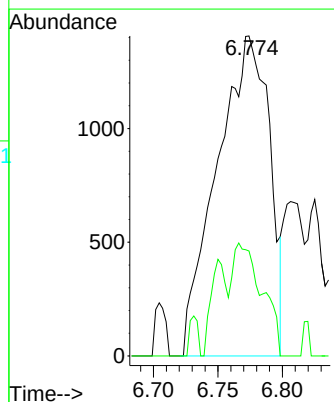
Tgt Ion:	84	Resp:	21058
Ion	Ratio	Lower	Upper
84	100		
49	120.0	94.6	141.8
51	38.5	29.9	44.9
86	63.0	51.4	77.2

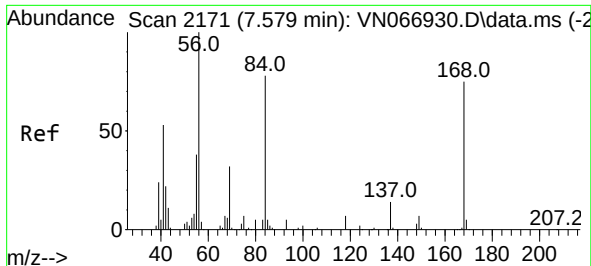


#25
2-Butanone
Concen: 1.07 ug/l
RT: 6.774 min Scan# 1871
Delta R.T. 0.027 min
Lab File: VN067008.D
Acq: 6 May 2021 14:28



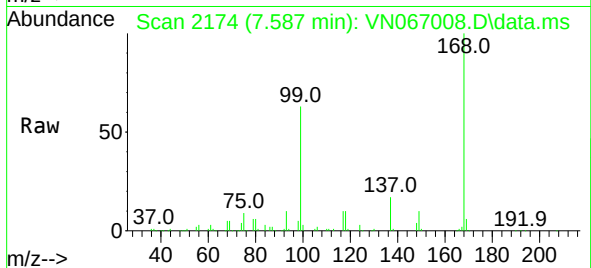
Tgt Ion:	43	Resp:	3985
Ion	Ratio	Lower	Upper
43	100		
72	32.8	23.1	34.7



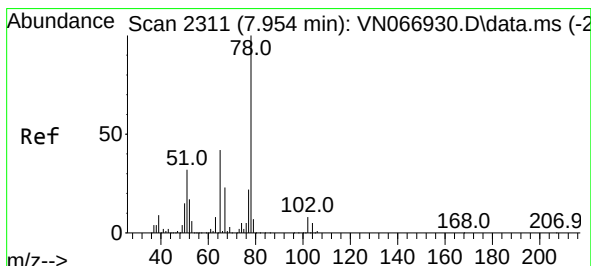
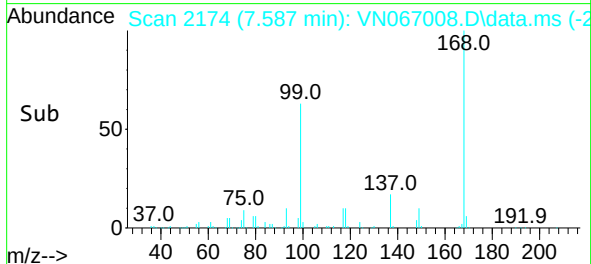
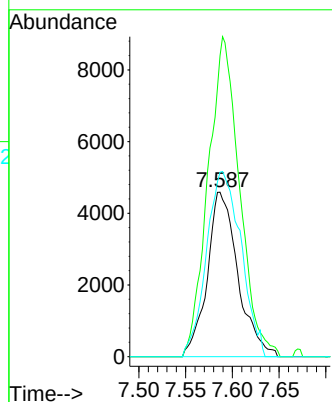


#31
Cyclohexane
Concen: 1.03 ug/l
RT: 7.587 min Scan# 2174
Delta R.T. 0.008 min
Lab File: VN067008.D
Acq: 6 May 2021 14:28

Instrument :
MSVOA_N
ClientSampleId :

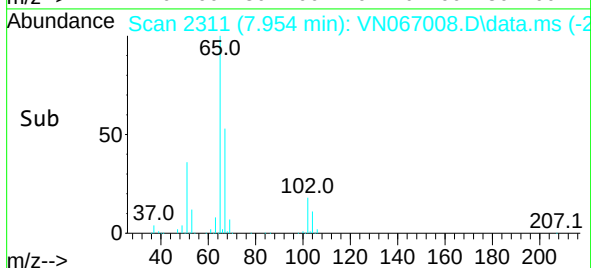
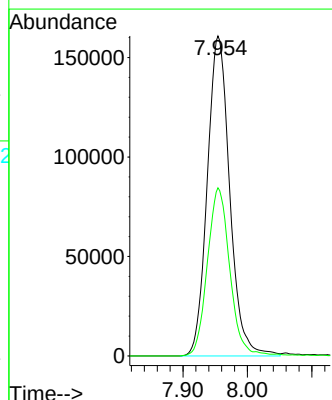
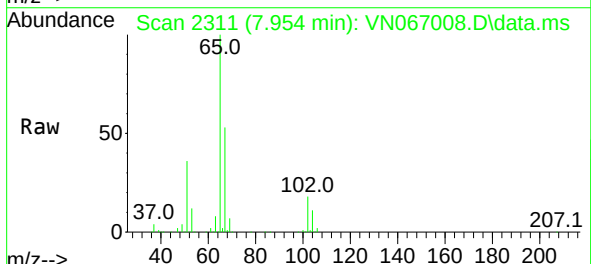


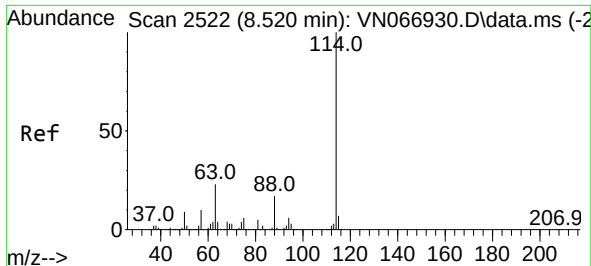
Tgt Ion: 56 Resp: 10474
Ion Ratio Lower Upper
56 100
69 183.0 26.6 39.8#
84 112.1 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 53.96 ug/l
RT: 7.954 min Scan# 2311
Delta R.T. 0.000 min
Lab File: VN067008.D
Acq: 6 May 2021 14:28

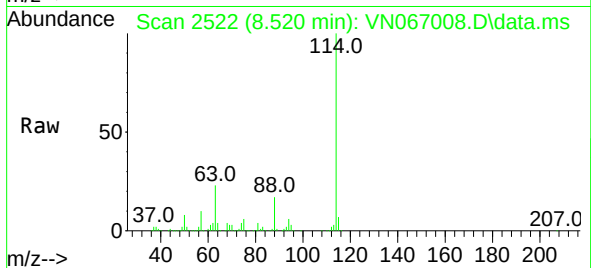
Tgt Ion: 65 Resp: 389134
Ion Ratio Lower Upper
65 100
67 52.2 0.0 107.2



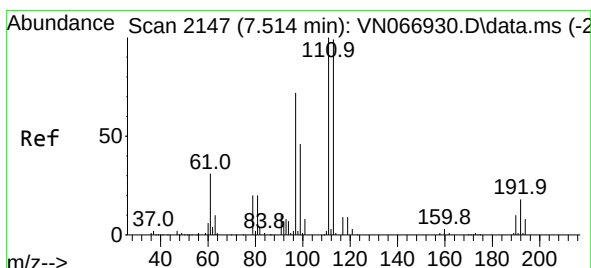
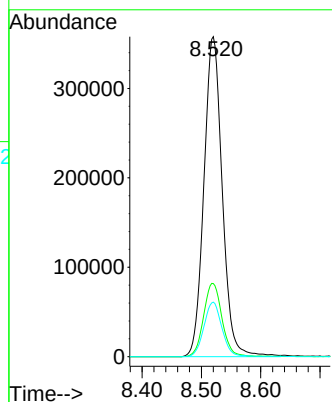
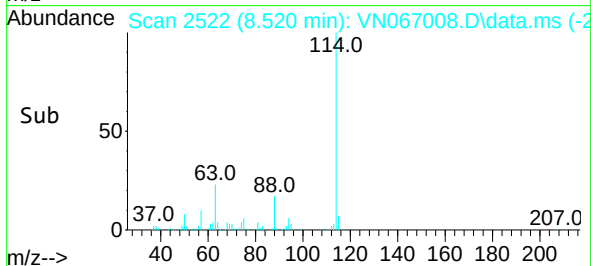


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.520 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VN067008.D
Acq: 6 May 2021 14:28

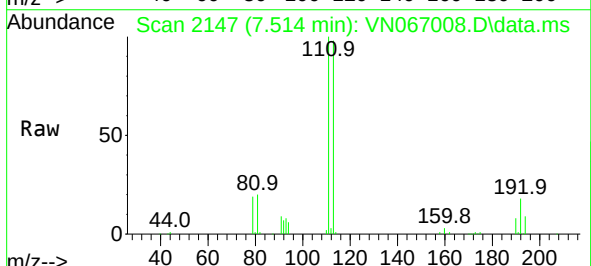
Instrument :
MSVOA_N
ClientSampled :



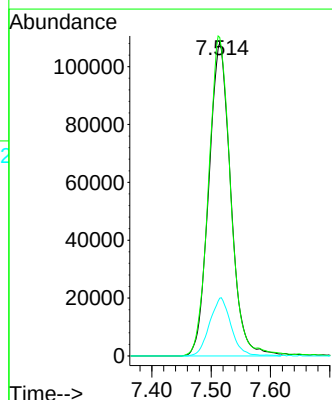
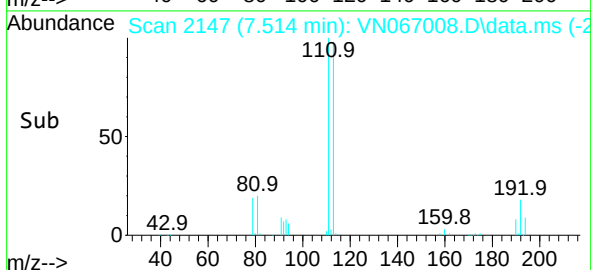
Tgt Ion:114 Resp: 768134
Ion Ratio Lower Upper
114 100
63 22.8 0.0 38.6
88 17.1 0.0 30.6

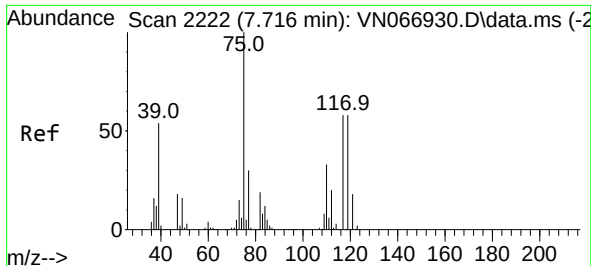


#35
Dibromofluoromethane
Concen: 53.36 ug/l
RT: 7.514 min Scan# 2147
Delta R.T. 0.000 min
Lab File: VN067008.D
Acq: 6 May 2021 14:28



Tgt Ion:113 Resp: 278334
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.2
192 18.1 15.4 23.0

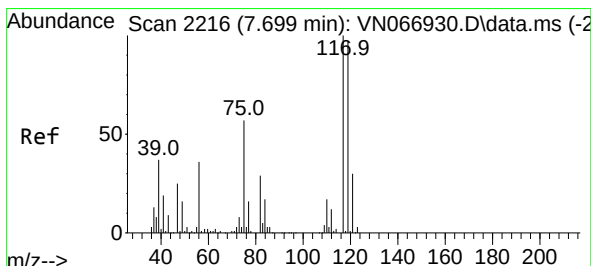
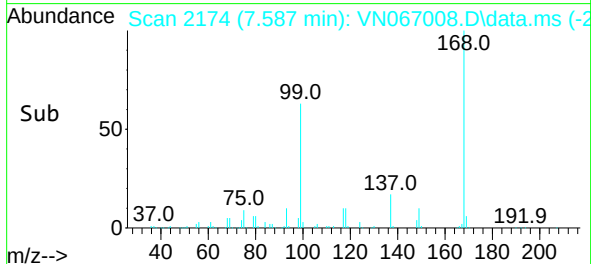
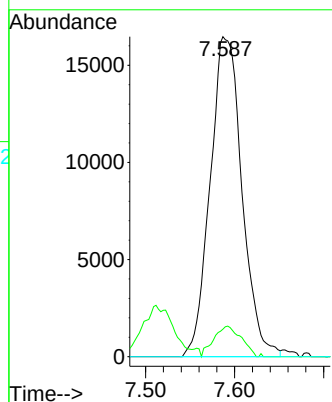
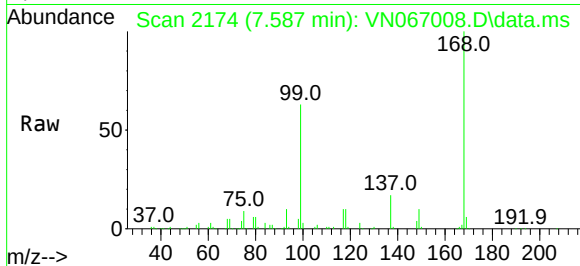




#36
1,1-Dichloropropene
Concen: 5.12 ug/l
RT: 7.587 min Scan# 2174
Delta R.T. -0.129 min
Lab File: VN067008.D
Acq: 6 May 2021 14:28

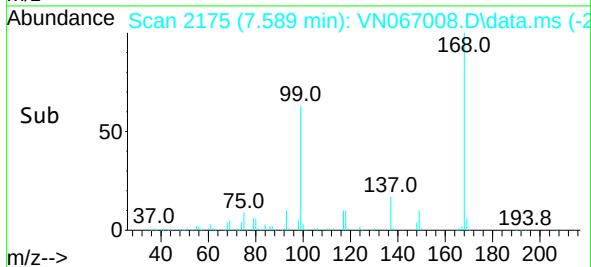
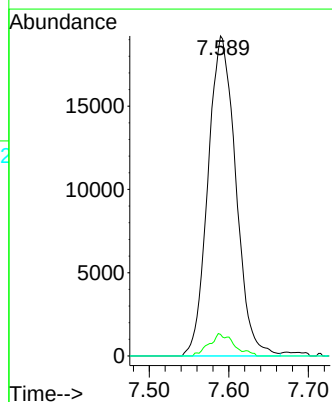
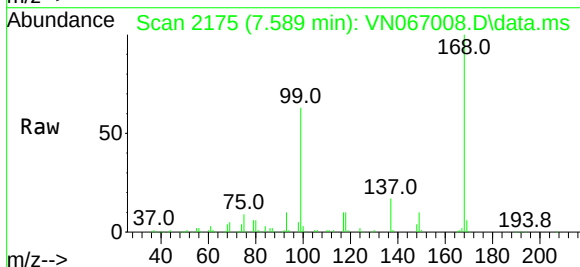
Instrument :
MSVOA_N
ClientSampled :

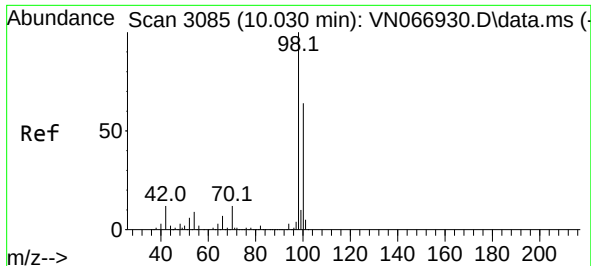
Tgt Ion: 75 Resp: 40933
Ion Ratio Lower Upper
75 100
110 8.2 18.2 54.6#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 5.60 ug/l
RT: 7.589 min Scan# 2175
Delta R.T. -0.110 min
Lab File: VN067008.D
Acq: 6 May 2021 14:28

Tgt Ion: 117 Resp: 46672
Ion Ratio Lower Upper
117 100
119 6.7 76.0 114.0#
121 0.0 24.5 36.7#

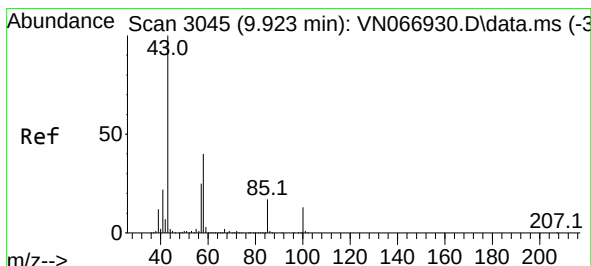
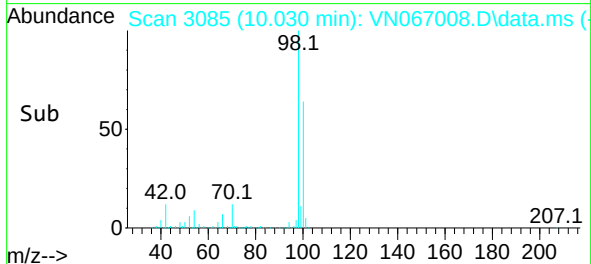
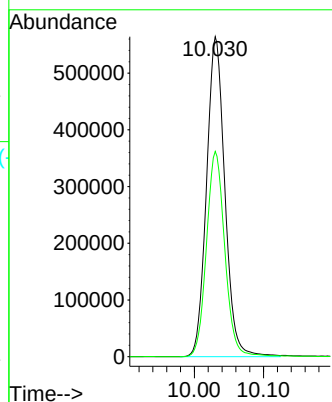
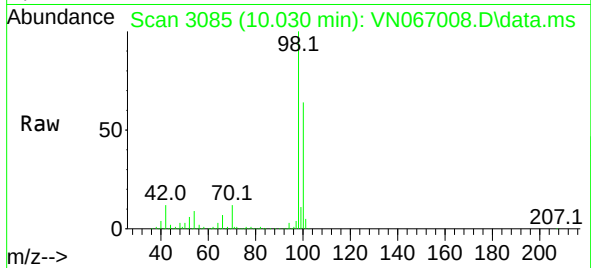




#50
Toluene-d8
Concen: 52.23 ug/l
RT: 10.030 min Scan# 3085
Delta R.T. 0.000 min
Lab File: VN067008.D
Acq: 6 May 2021 14:28

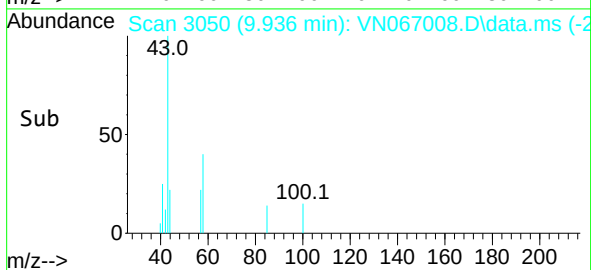
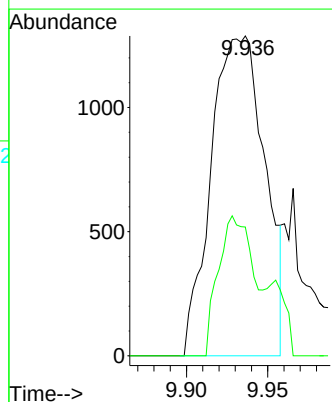
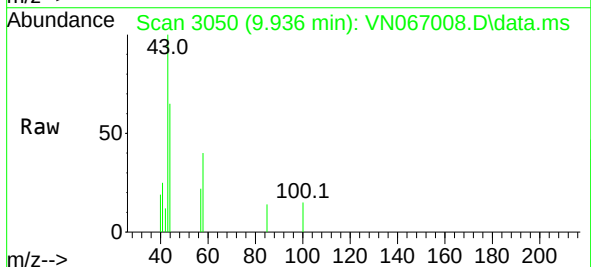
Instrument :
MSVOA_N
ClientSampleId :

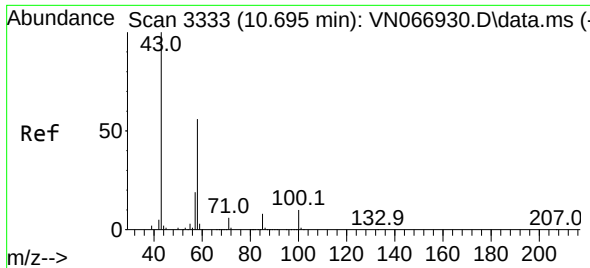
Tgt Ion: 98 Resp: 1037499
Ion Ratio Lower Upper
98 100
100 64.2 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 0.39 ug/l
RT: 9.936 min Scan# 3050
Delta R.T. 0.013 min
Lab File: VN067008.D
Acq: 6 May 2021 14:28

Tgt Ion: 43 Resp: 2959
Ion Ratio Lower Upper
43 100
58 28.4 32.5 48.7#

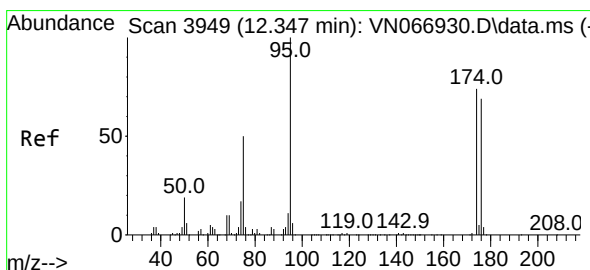
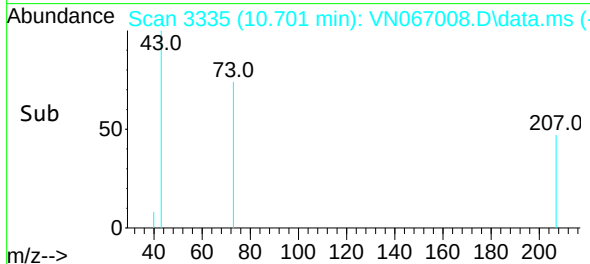
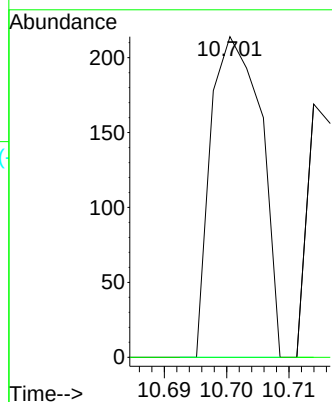
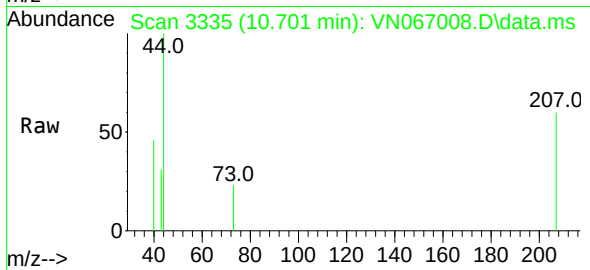




#59
2-Hexanone
Concen: 28.38 ug/l
RT: 10.701 min Scan# 3335
Delta R.T. 0.006 min
Lab File: VN067008.D
Acq: 6 May 2021 14:28

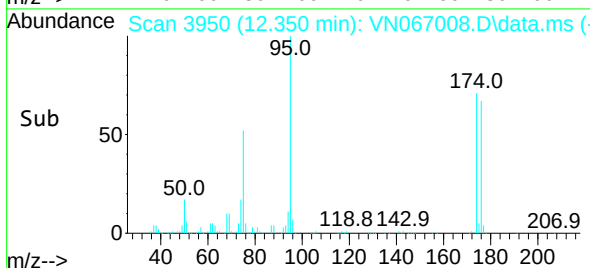
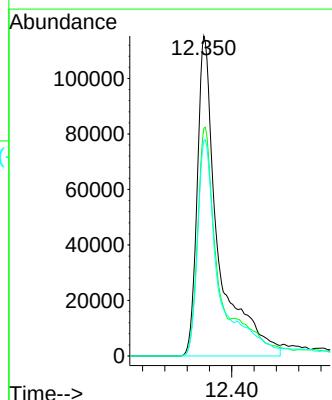
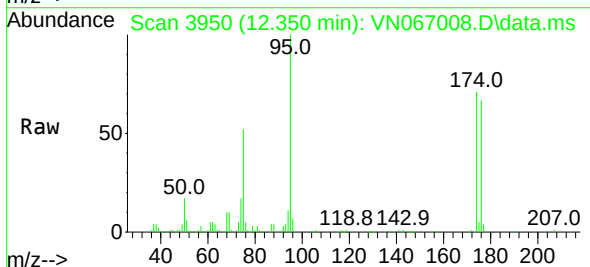
Instrument :
MSVOA_N
ClientSampled :

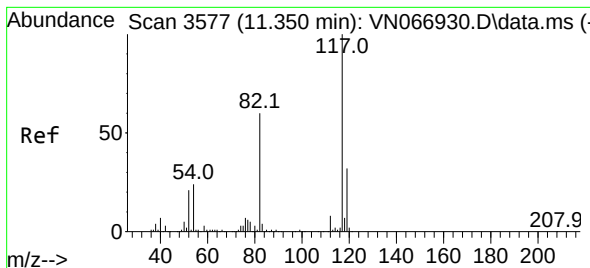
Tgt Ion: 43 Resp: 120
Ion Ratio Lower Upper
43 100
58 0.0 28.1 84.3#



#62
4-Bromofluorobenzene
Concen: 44.86 ug/l
RT: 12.350 min Scan# 3950
Delta R.T. 0.003 min
Lab File: VN067008.D
Acq: 6 May 2021 14:28

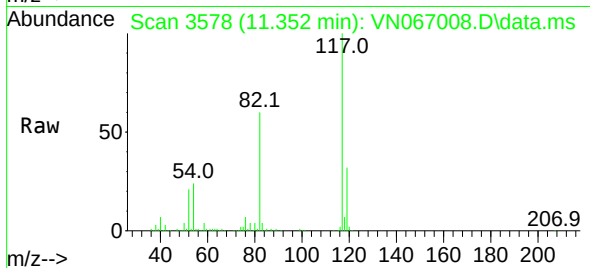
Tgt Ion: 95 Resp: 301716
Ion Ratio Lower Upper
95 100
174 57.8 0.0 169.0
176 57.2 0.0 162.4



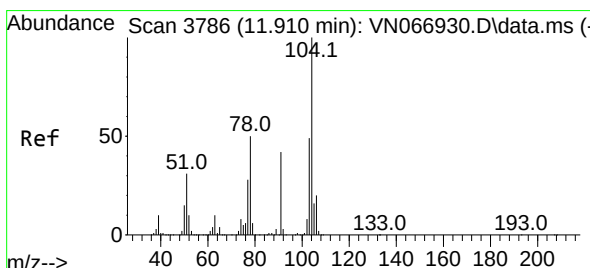
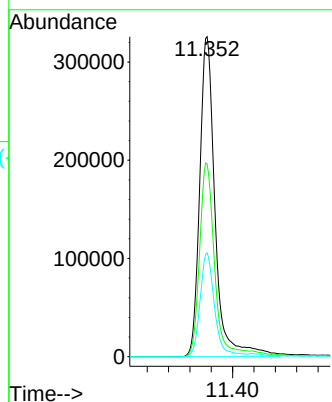
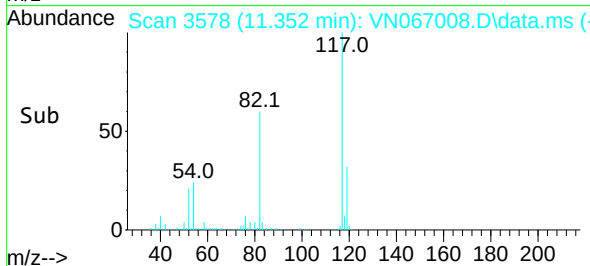


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.352 min Scan# 3578
Delta R.T. 0.002 min
Lab File: VN067008.D
Acq: 6 May 2021 14:28

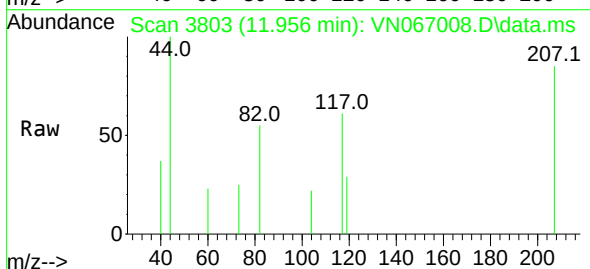
Instrument :
MSVOA_N
ClientSampled :



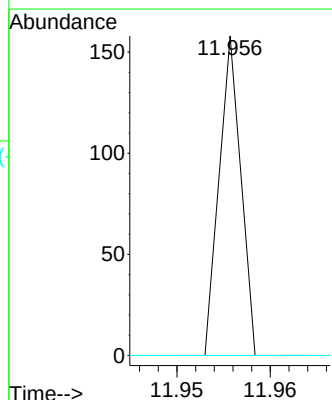
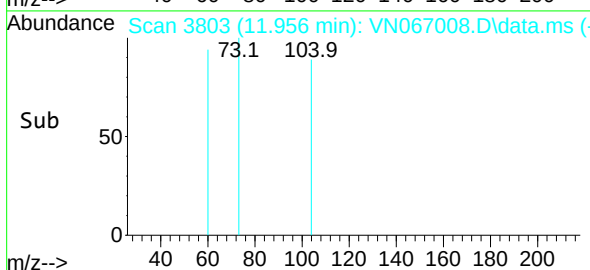
Tgt Ion:117 Resp: 656040
Ion Ratio Lower Upper
117 100
82 60.3 43.7 65.5
119 32.4 26.1 39.1

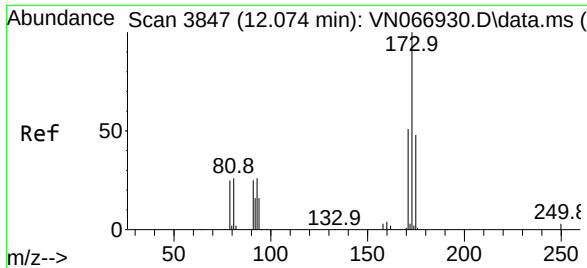


#70
Styrene
Concen: 4.71 ug/l
RT: 11.956 min Scan# 3803
Delta R.T. 0.046 min
Lab File: VN067008.D
Acq: 6 May 2021 14:28



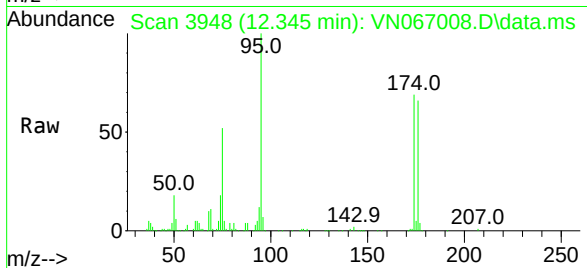
Tgt Ion:104 Resp: 25
Ion Ratio Lower Upper
104 100
78 0.0 39.0 58.4#
103 0.0 44.5 66.7#



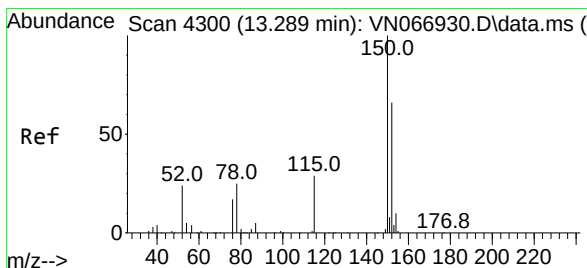
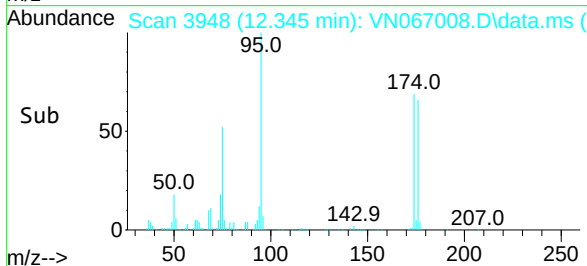
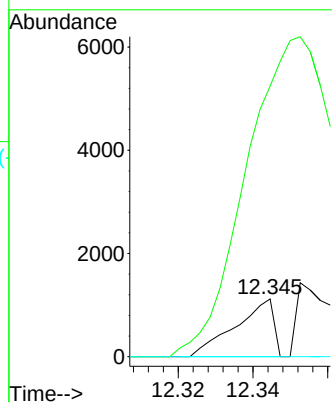


#71
Bromoform
Concen: 0.20 ug/l
RT: 12.345 min Scan# 3948
Delta R.T. 0.271 min
Lab File: VN067008.D
Acq: 6 May 2021 14:28

Instrument :
MSVOA_N
ClientSampled :

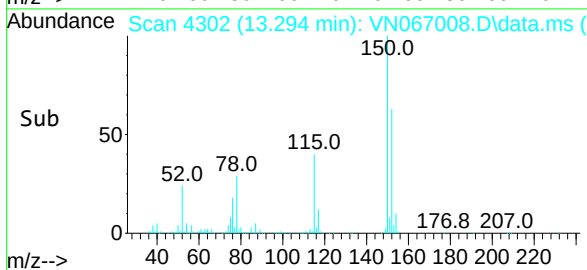
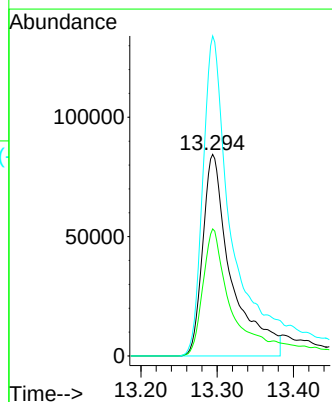
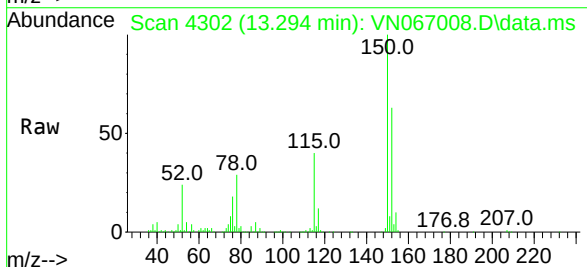


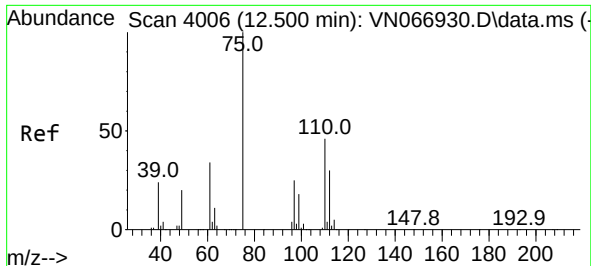
Tgt Ion:173 Resp: 793
Ion Ratio Lower Upper
173 100
175 0.0 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.294 min Scan# 4302
Delta R.T. 0.005 min
Lab File: VN067008.D
Acq: 6 May 2021 14:28

Tgt Ion:152 Resp: 219358
Ion Ratio Lower Upper
152 100
115 60.1 28.5 85.6
150 161.1 0.0 347.6

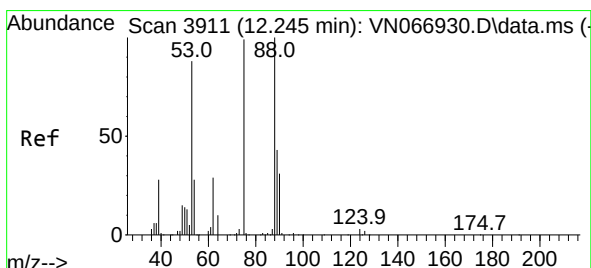
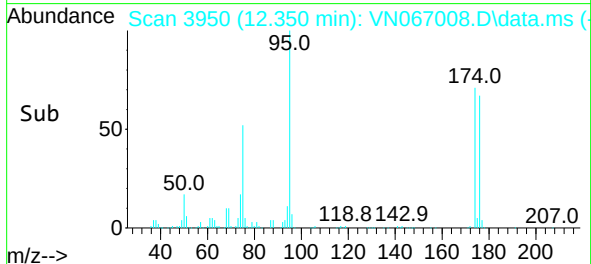
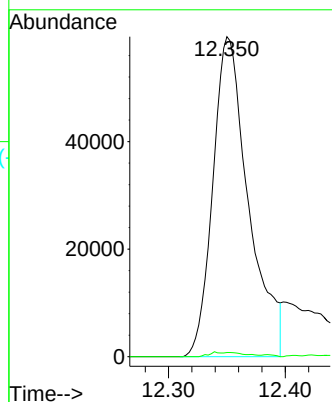
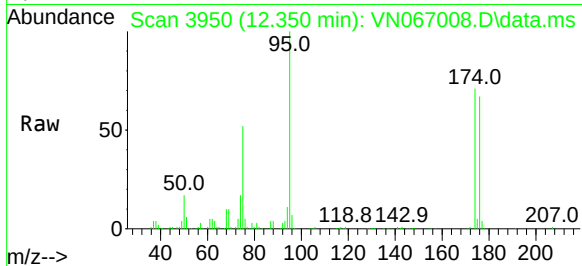




#76
1,2,3-Trichloropropane
Concen: 24.16 ug/l
RT: 12.350 min Scan# 3950
Delta R.T. -0.150 min
Lab File: VN067008.D
Acq: 6 May 2021 14:28

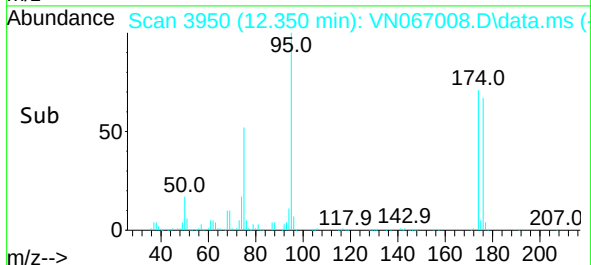
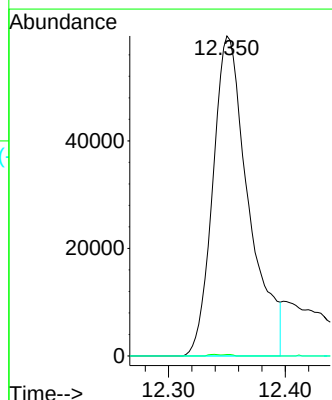
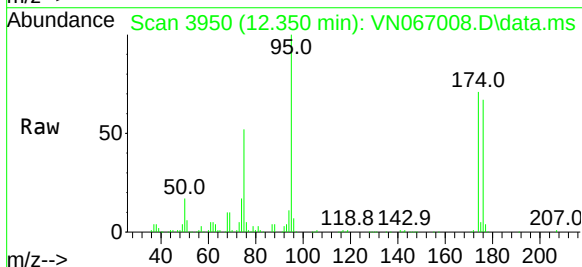
Instrument :
MSVOA_N
ClientSampled :

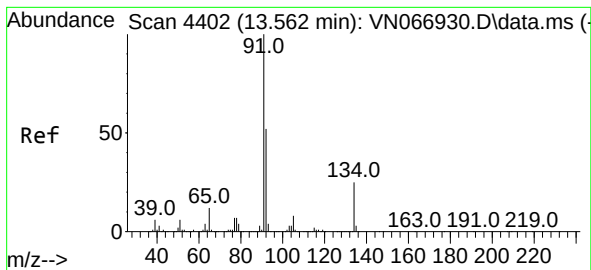
Tgt Ion: 75 Resp: 126266
Ion Ratio Lower Upper
75 100
77 0.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.90 ug/l
RT: 12.350 min Scan# 3950
Delta R.T. 0.105 min
Lab File: VN067008.D
Acq: 6 May 2021 14:28

Tgt Ion: 75 Resp: 126266
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: 13.669 min Scan# 4442

Delta R.T. 0.107 min

Lab File: VN067008.D

Acq: 6 May 2021 14:28

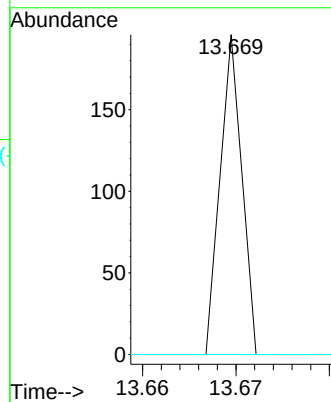
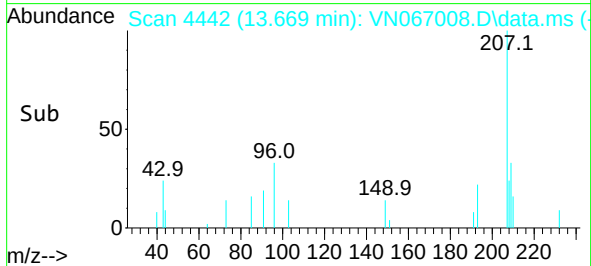
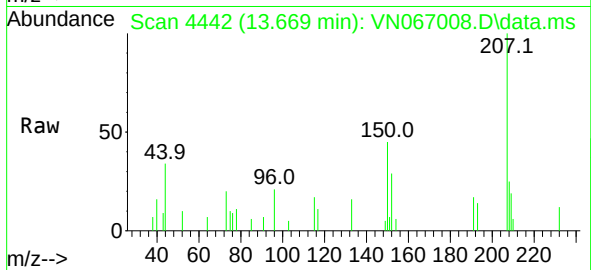
Tgt Ion: 91 Resp: 32

Ion Ratio Lower Upper

91 100

92 0.0 26.1 78.3#

134 0.0 13.0 38.9#



Instrument :
MSVOA_N
ClientSampleId :