

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050621\
 Data File : VN067010.D
 Acq On : 6 May 2021 15:14
 Operator : JC/MD
 Sample : M2266-08
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 07 04:08:02 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)

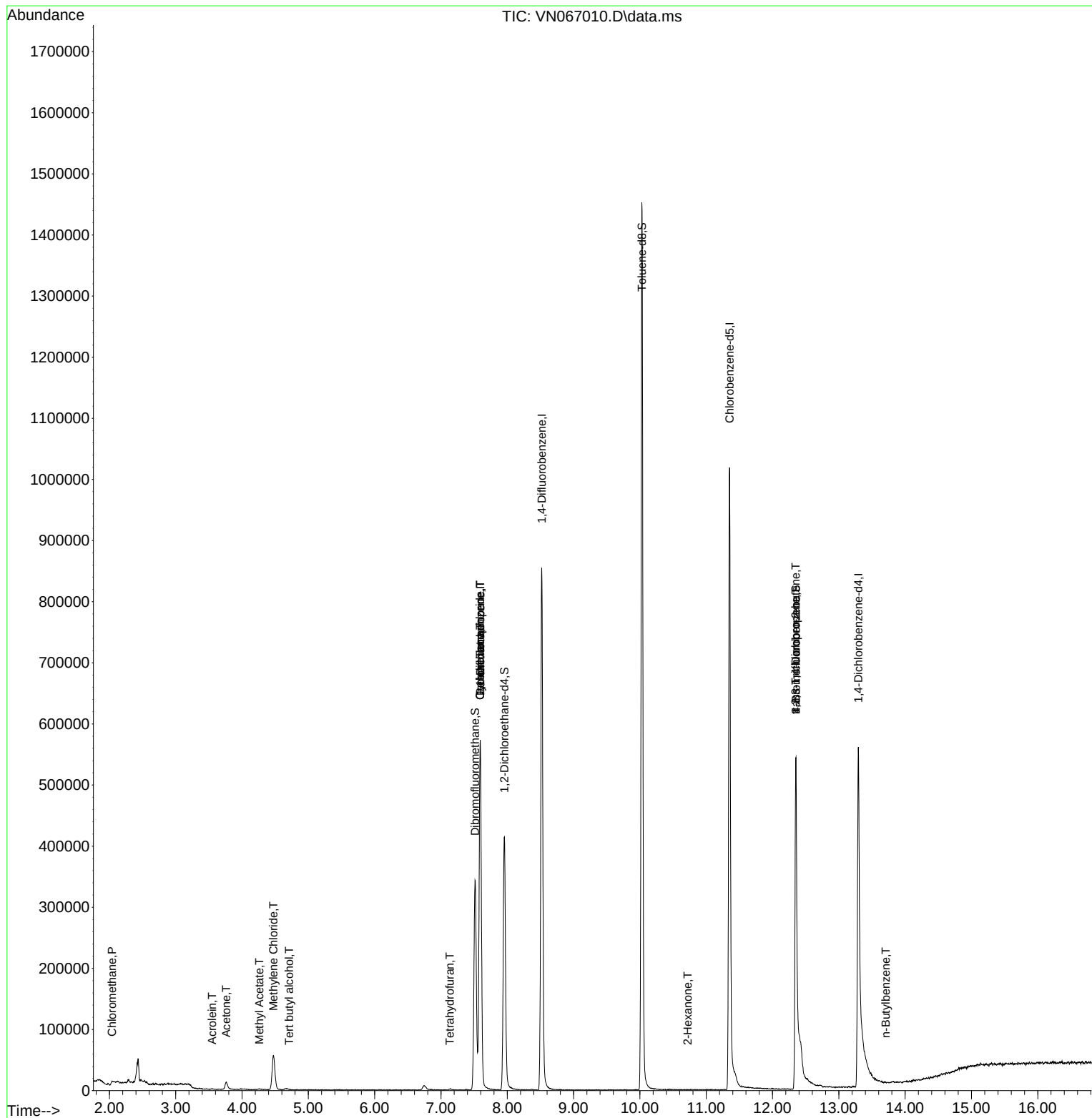
Internal Standards						
1) Pentafluorobenzene	7.592	168	440889	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.520	114	744494	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.352	117	657864	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.294	152	226055	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.957	65	381528	54.98	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 109.96%	
35) Dibromofluoromethane	7.514	113	270741	53.55	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 107.10%	
50) Toluene-d8	10.030	98	1016706	52.81	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 105.62%	
62) 4-Bromofluorobenzene	12.353	95	242083	37.14	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 74.28%	
Target Compounds						
						Qvalue
3) Chloromethane	2.038	50	2091	0.24	ug/l	93
11) Tert butyl alcohol	4.709	59	273	0.28	ug/l #	73
13) Acrolein	3.550	56	876	1.07	ug/l	99
16) Acetone	3.762	43	19974	8.18	ug/l	96
18) Methyl Acetate	4.261	43	1955	0.28	ug/l #	70
20) Methylene Chloride	4.473	84	41978	6.78	ug/l	95
29) Tetrahydrofuran	7.133	42	835	0.35	ug/l #	37
31) Cyclohexane	7.589	56	10389	1.06	ug/l #	1
36) 1,1-Dichloropropene	7.592	75	39034	5.03	ug/l #	48
38) Carbon Tetrachloride	7.589	117	46785	5.79	ug/l #	16
59) 2-Hexanone	10.722	43	58	28.37	ug/l #	23
76) 1,2,3-Trichloropropane	12.350	75	158484	29.43	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.350	75	158484	87.58	ug/l #	12
89) n-Butylbenzene	13.707	91	25	5.24	ug/l #	34

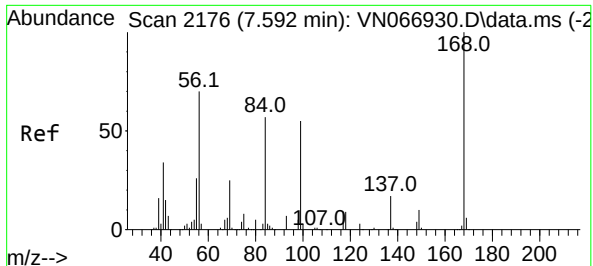
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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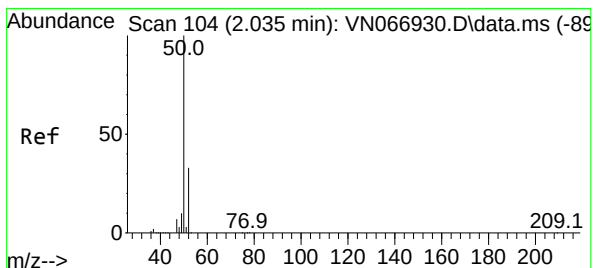
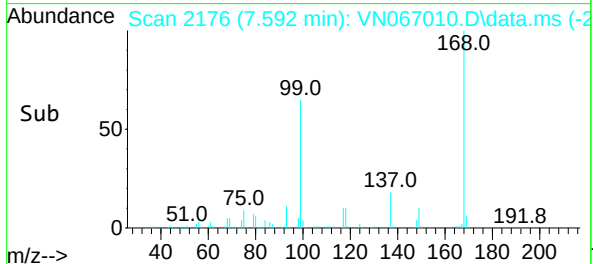
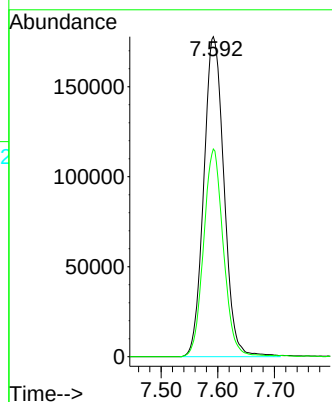
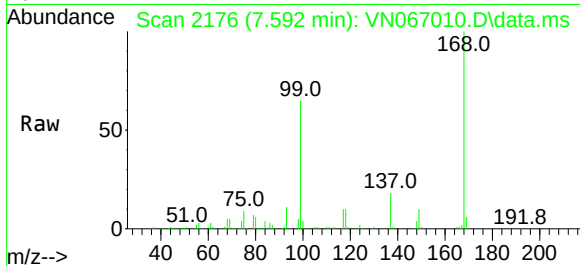




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.592 min Scan# 2176
Delta R.T. 0.000 min
Lab File: VN067010.D
Acq: 6 May 2021 15:14

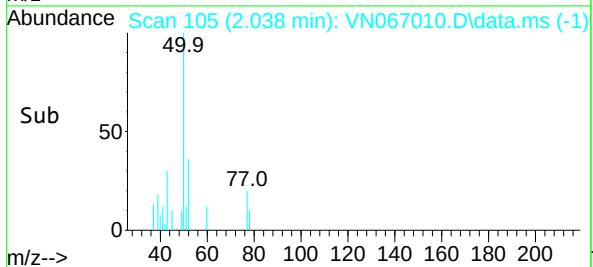
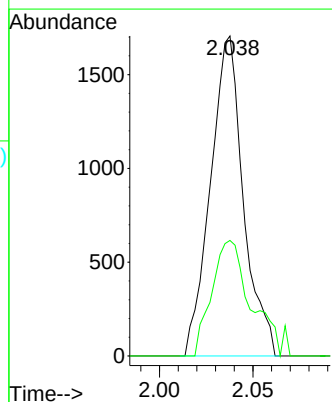
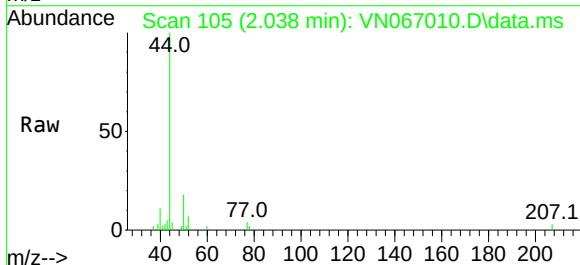
Instrument :
MSVOA_N
ClientSampleId :

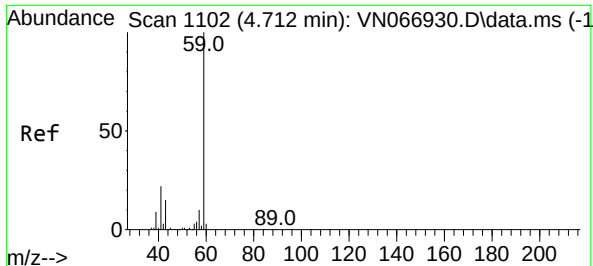
Tgt Ion:168 Resp: 440889
Ion Ratio Lower Upper
168 100
99 64.9 42.6 63.8#



#3
Chloromethane
Concen: 0.24 ug/l
RT: 2.038 min Scan# 105
Delta R.T. 0.003 min
Lab File: VN067010.D
Acq: 6 May 2021 15:14

Tgt Ion: 50 Resp: 2091
Ion Ratio Lower Upper
50 100
52 36.1 25.8 38.8



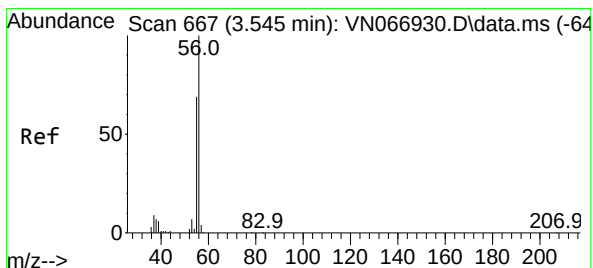
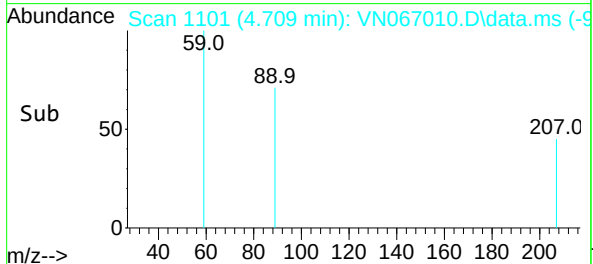
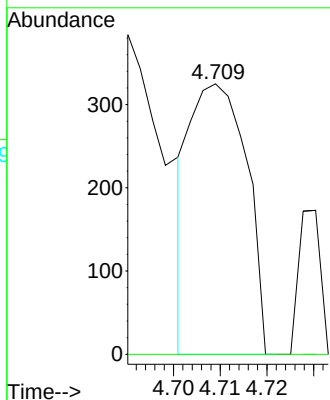
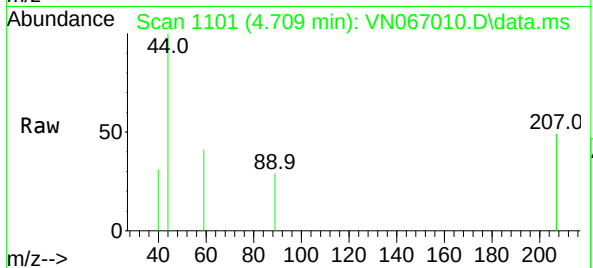


#11

Tert butyl alcohol
Concen: 0.28 ug/l
RT: 4.709 min Scan# 1101
Delta R.T. -0.003 min
Lab File: VN067010.D
Acq: 6 May 2021 15:14

Instrument :
MSVOA_N
ClientSampled :

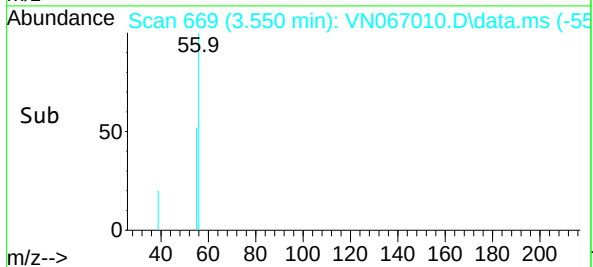
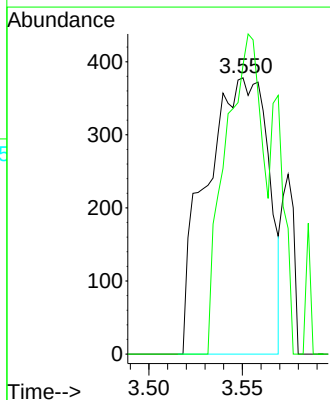
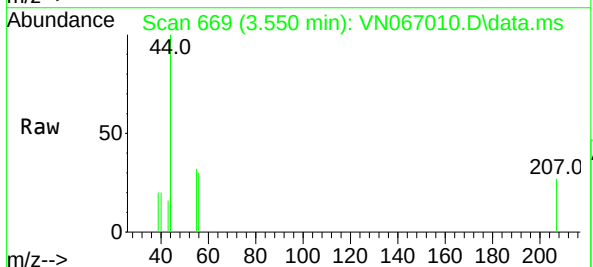
Tgt Ion: 59 Resp: 273
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

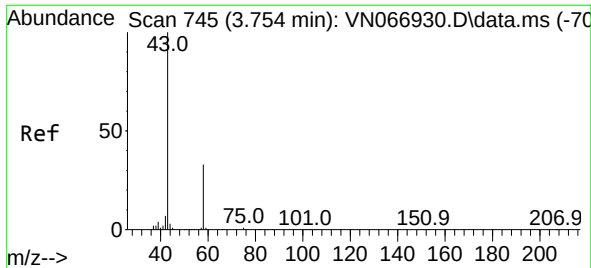


#13

Acrolein
Concen: 1.07 ug/l
RT: 3.550 min Scan# 669
Delta R.T. 0.005 min
Lab File: VN067010.D
Acq: 6 May 2021 15:14

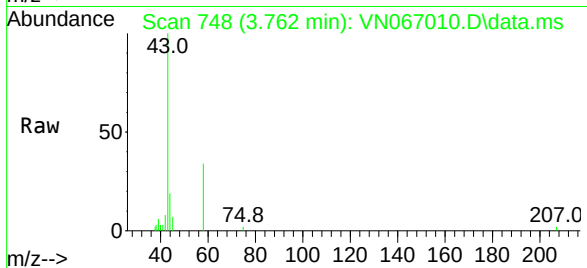
Tgt Ion: 56 Resp: 876
Ion Ratio Lower Upper
56 100
55 69.2 56.0 84.0



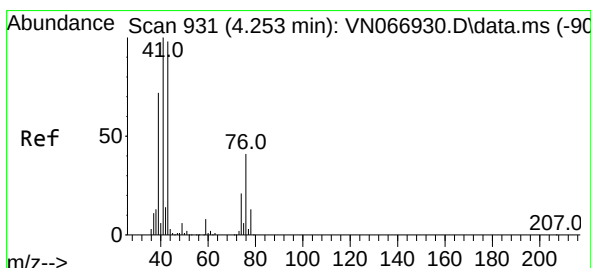
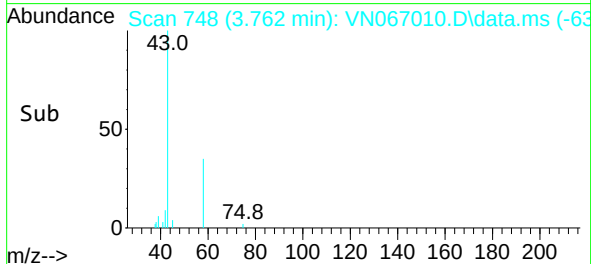
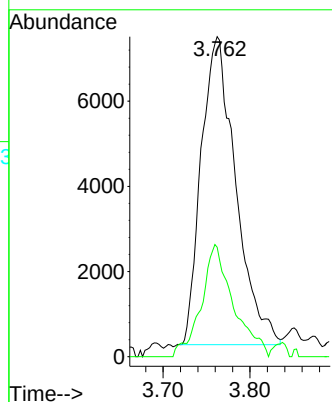


#16
Acetone
Concen: 8.18 ug/l
RT: 3.762 min Scan# 748
Delta R.T. 0.008 min
Lab File: VN067010.D
Acq: 6 May 2021 15:14

Instrument :
MSVOA_N
ClientSampled :

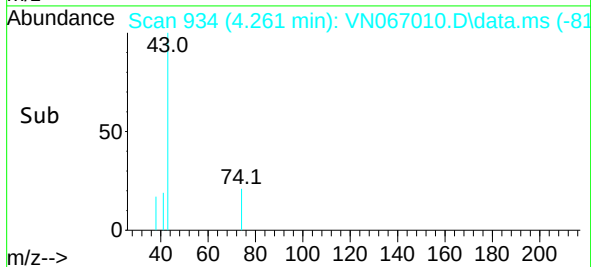
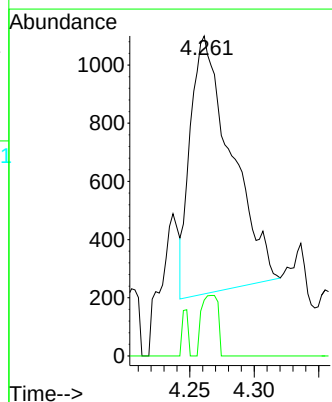
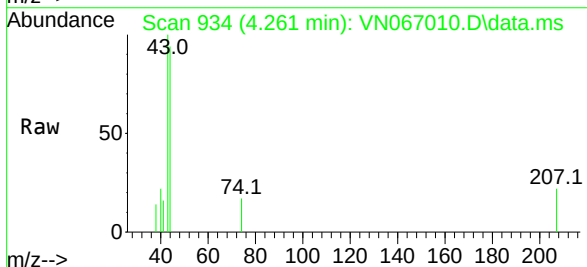


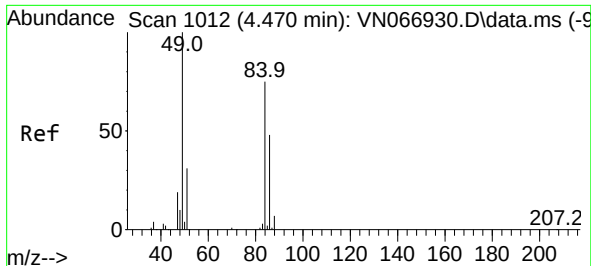
Tgt Ion: 43 Resp: 19974
Ion Ratio Lower Upper
43 100
58 31.4 27.0 40.6



#18
Methyl Acetate
Concen: 0.28 ug/l
RT: 4.261 min Scan# 934
Delta R.T. 0.008 min
Lab File: VN067010.D
Acq: 6 May 2021 15:14

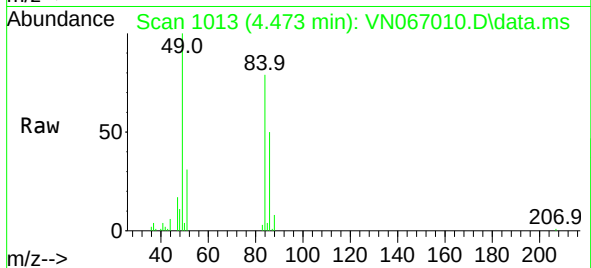
Tgt Ion: 43 Resp: 1955
Ion Ratio Lower Upper
43 100
74 9.5 19.5 29.3#



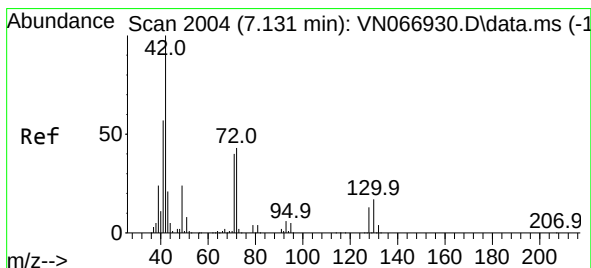
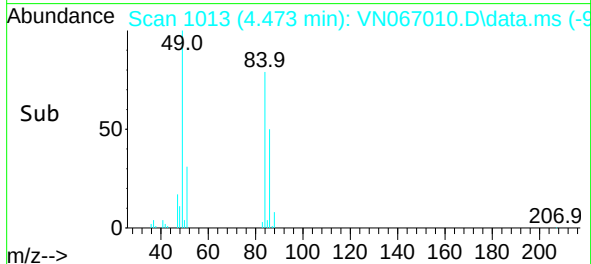
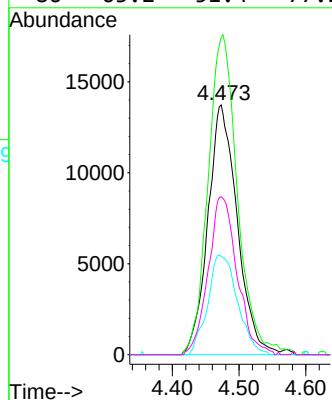


#20
Methylene Chloride
Concen: 6.78 ug/l
RT: 4.473 min Scan# 1013
Delta R.T. 0.003 min
Lab File: VN067010.D
Acq: 6 May 2021 15:14

Instrument :
MSVOA_N
ClientSampleId :

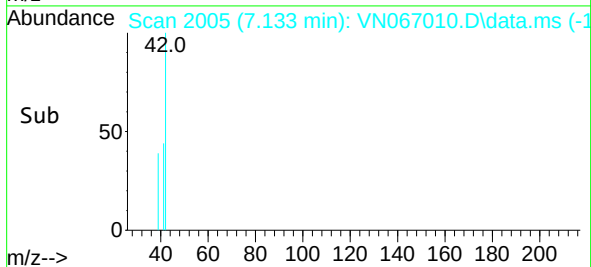
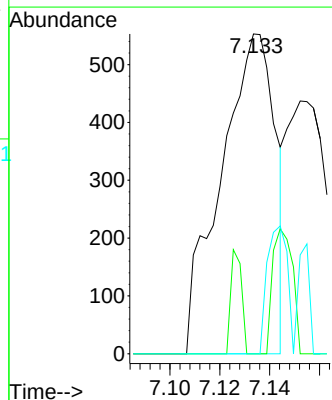
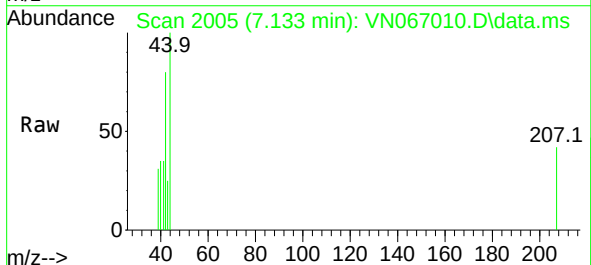


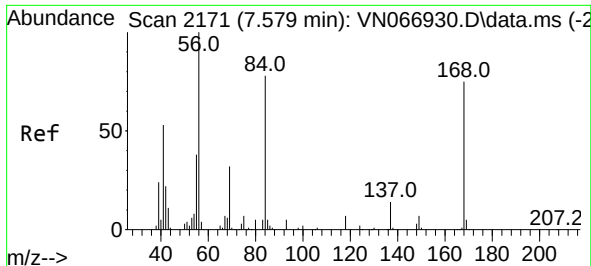
Tgt Ion:	84	Resp:	41978
Ion	Ratio	Lower	Upper
84	100		
49	127.1	94.6	141.8
51	39.4	29.9	44.9
86	63.2	51.4	77.2



#29
Tetrahydrofuran
Concen: 0.35 ug/l
RT: 7.133 min Scan# 2005
Delta R.T. 0.002 min
Lab File: VN067010.D
Acq: 6 May 2021 15:14

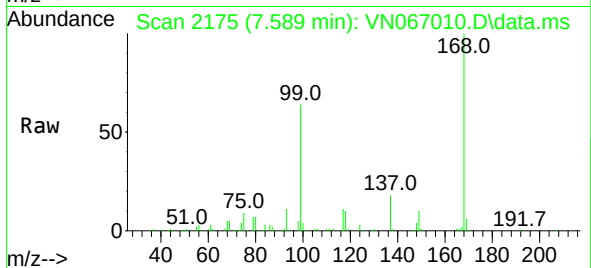
Tgt Ion:	42	Resp:	835
Ion	Ratio	Lower	Upper
42	100		
72	6.5	36.6	55.0#
71	0.0	34.3	51.5#



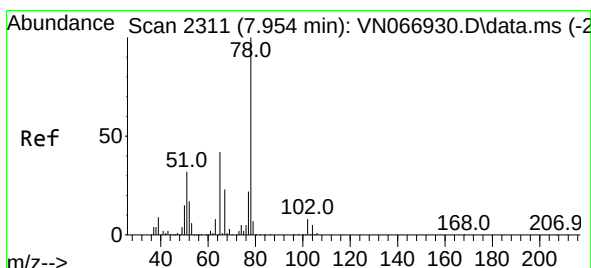
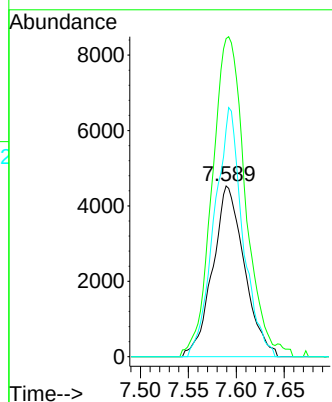
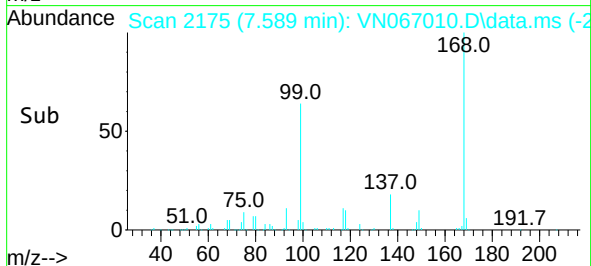


#31
Cyclohexane
Concen: 1.06 ug/l
RT: 7.589 min Scan# 2175
Delta R.T. 0.010 min
Lab File: VN067010.D
Acq: 6 May 2021 15:14

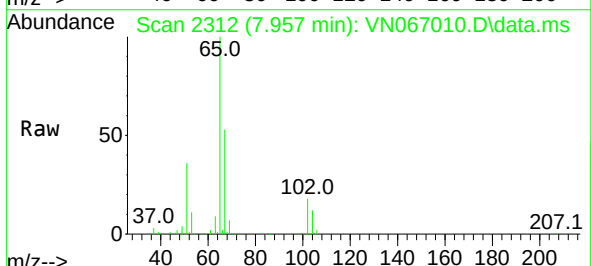
Instrument :
MSVOA_N
ClientSampleId :



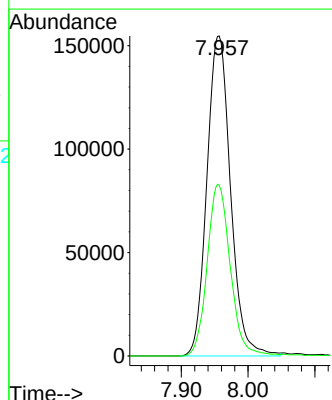
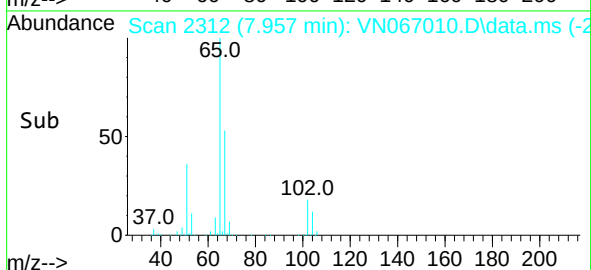
Tgt Ion: 56 Resp: 10389
Ion Ratio Lower Upper
56 100
69 186.4 26.6 39.8#
84 133.2 70.4 105.6#

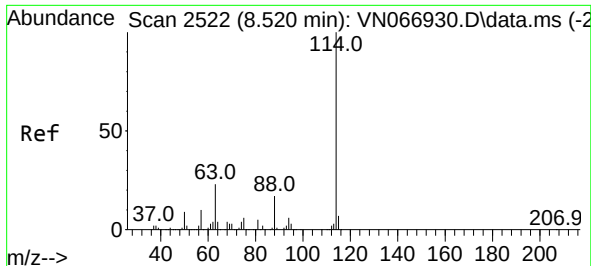


#33
1,2-Dichloroethane-d4
Concen: 54.98 ug/l
RT: 7.957 min Scan# 2312
Delta R.T. 0.003 min
Lab File: VN067010.D
Acq: 6 May 2021 15:14



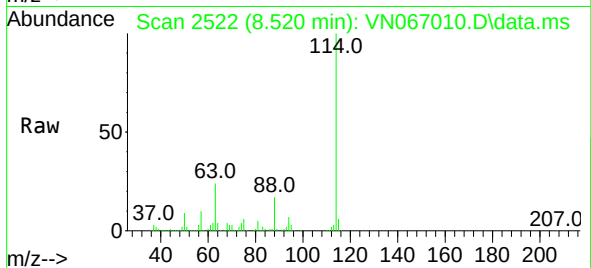
Tgt Ion: 65 Resp: 381528
Ion Ratio Lower Upper
65 100
67 52.1 0.0 107.2



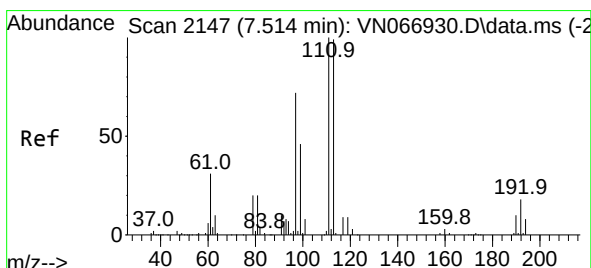
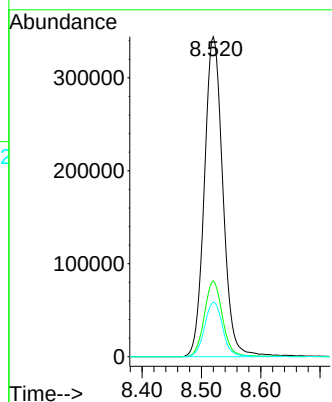
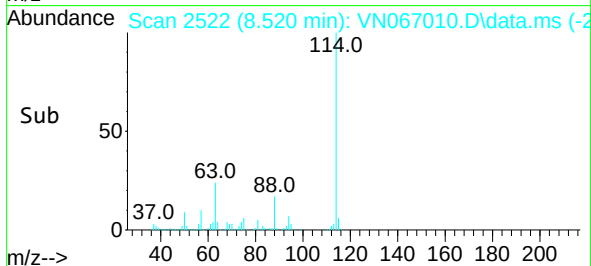


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.520 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VN067010.D
Acq: 6 May 2021 15:14

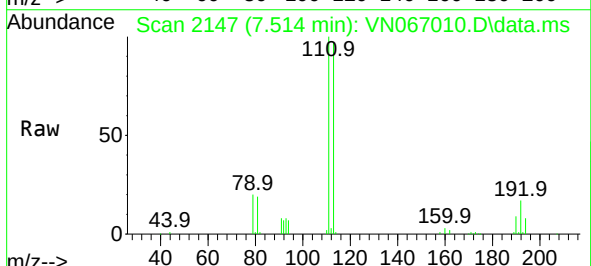
Instrument :
MSVOA_N
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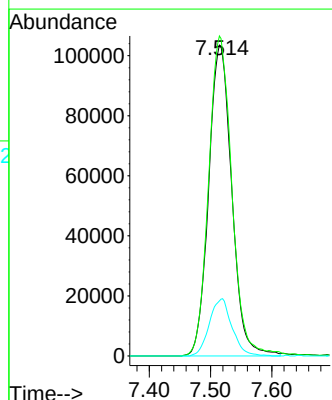
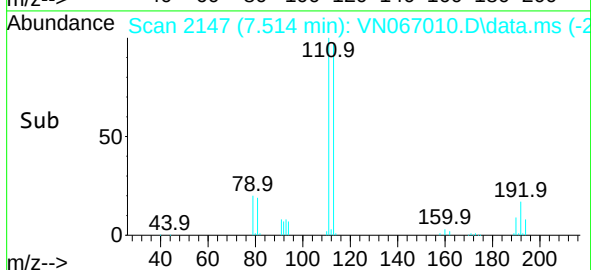
Tgt Ion:114 Resp: 744494
Ion Ratio Lower Upper
114 100
63 23.7 0.0 38.6
88 17.1 0.0 30.6

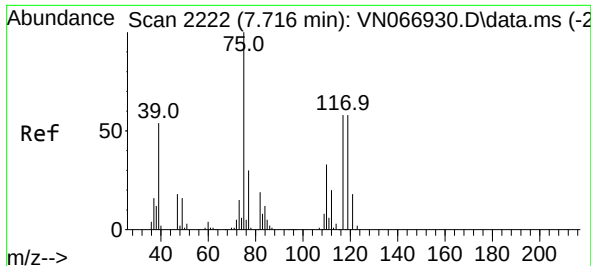


#35
Dibromofluoromethane
Concen: 53.55 ug/l
RT: 7.514 min Scan# 2147
Delta R.T. 0.000 min
Lab File: VN067010.D
Acq: 6 May 2021 15:14



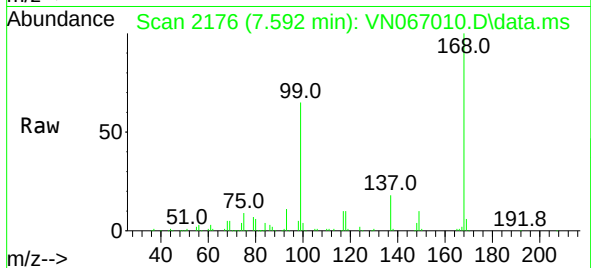
Tgt Ion:113 Resp: 270741
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.2
192 18.1 15.4 23.0



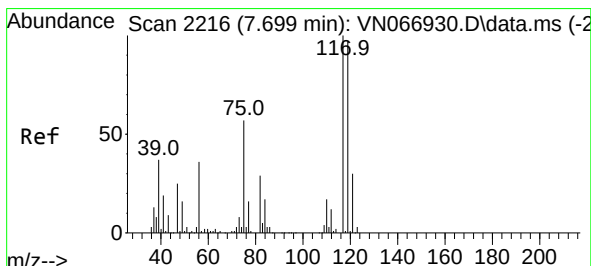
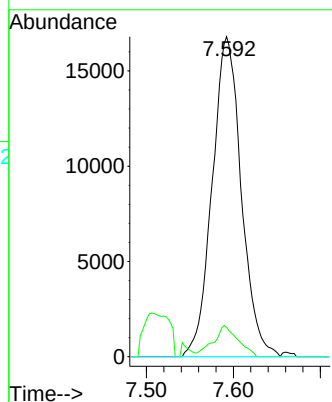
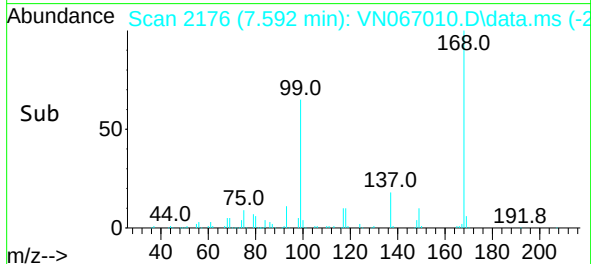


#36
 1,1-Dichloropropene
 Concen: 5.03 ug/l
 RT: 7.592 min Scan# 2176
 Delta R.T. -0.124 min
 Lab File: VN067010.D
 Acq: 6 May 2021 15:14

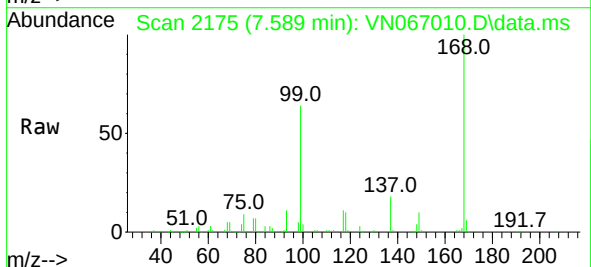
Instrument :
 MSVOA_N
 ClientSampled :



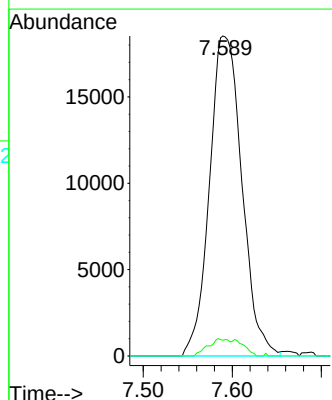
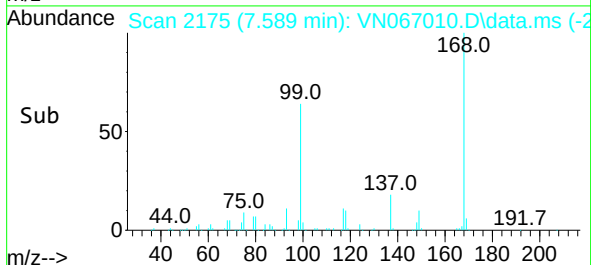
Tgt Ion: 75 Resp: 39034
 Ion Ratio Lower Upper
 75 100
 110 8.3 18.2 54.6#
 77 0.0 24.9 37.3#

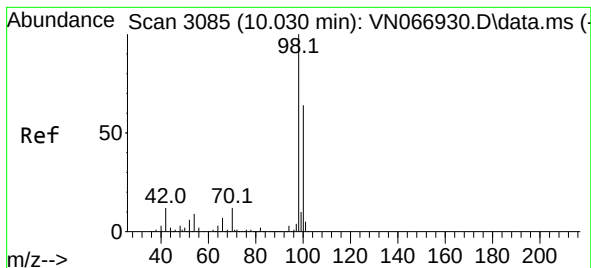


#38
 Carbon Tetrachloride
 Concen: 5.79 ug/l
 RT: 7.589 min Scan# 2175
 Delta R.T. -0.110 min
 Lab File: VN067010.D
 Acq: 6 May 2021 15:14



Tgt Ion: 117 Resp: 46785
 Ion Ratio Lower Upper
 117 100
 119 4.9 76.0 114.0#
 121 0.0 24.5 36.7#

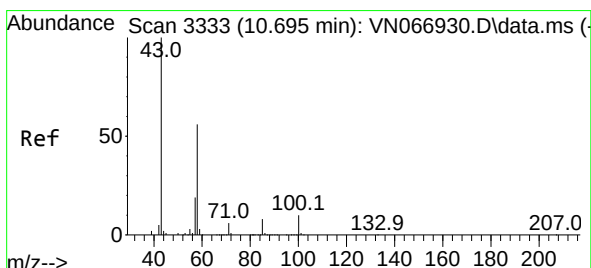
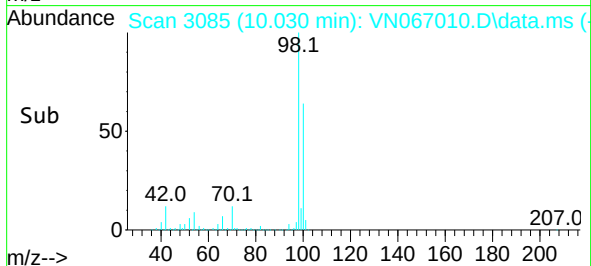
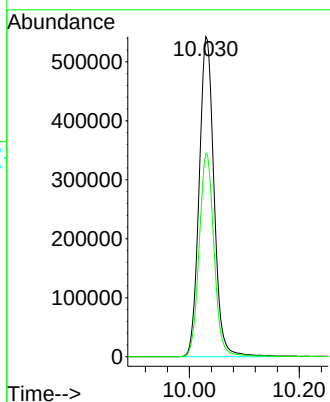
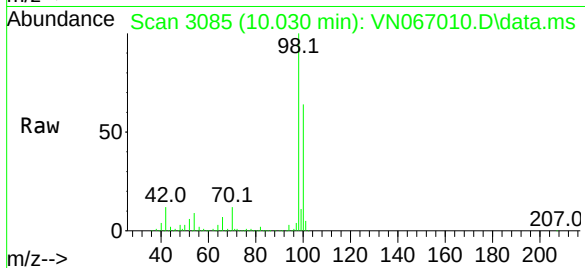




#50
Toluene-d8
Concen: 52.81 ug/l
RT: 10.030 min Scan# 3085
Delta R.T. 0.000 min
Lab File: VN067010.D
Acq: 6 May 2021 15:14

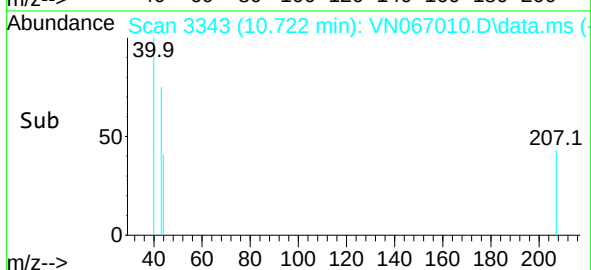
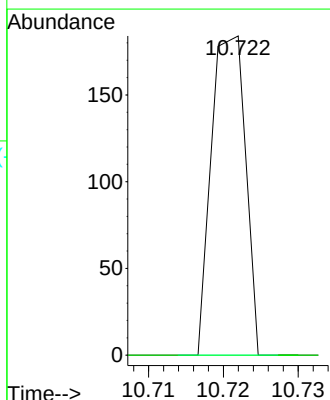
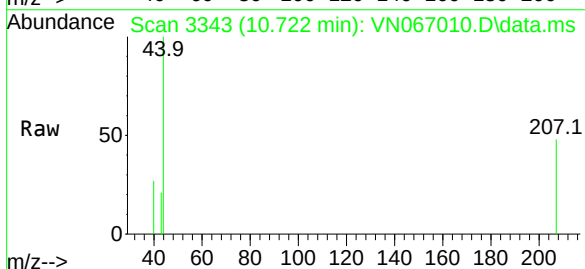
Instrument :
MSVOA_N
ClientSampled :

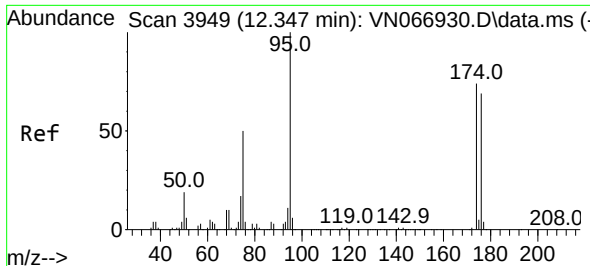
Tgt Ion: 98 Resp: 1016706
Ion Ratio Lower Upper
98 100
100 63.4 50.5 75.7



#59
2-Hexanone
Concen: 28.37 ug/l
RT: 10.722 min Scan# 3343
Delta R.T. 0.027 min
Lab File: VN067010.D
Acq: 6 May 2021 15:14

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

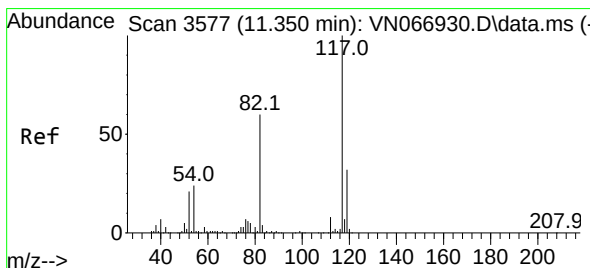
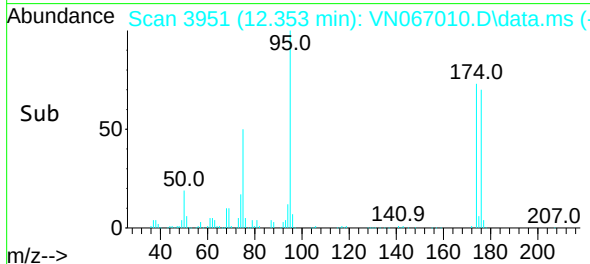
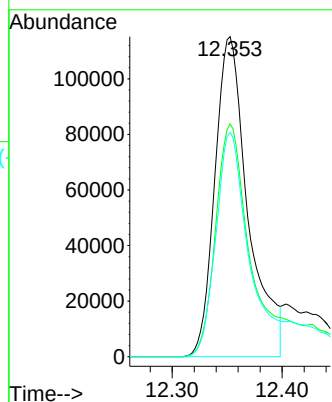
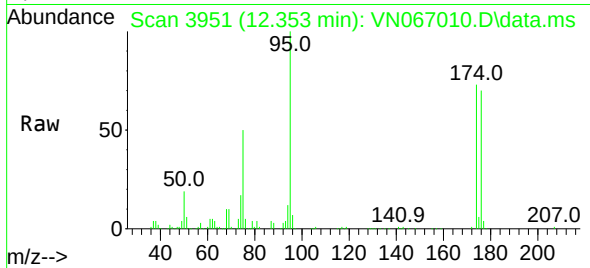




#62
4-Bromofluorobenzene
Concen: 37.14 ug/l
RT: 12.353 min Scan# 3951
Delta R.T. 0.006 min
Lab File: VN067010.D
Acq: 6 May 2021 15:14

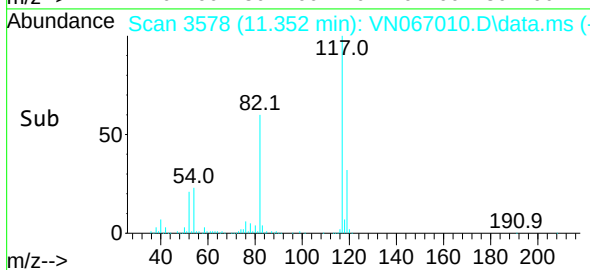
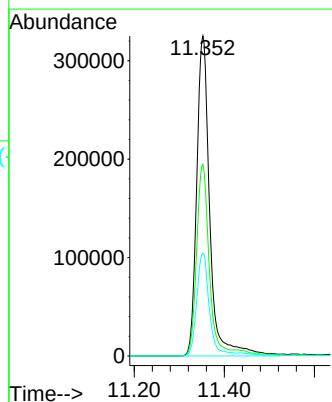
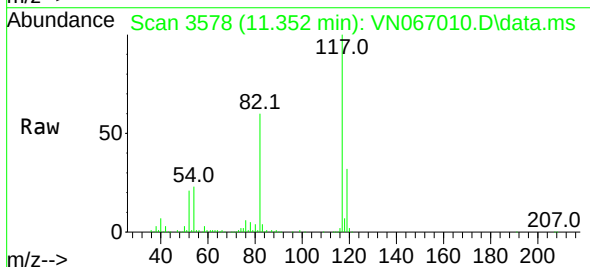
Instrument :
MSVOA_N
ClientSampleId :

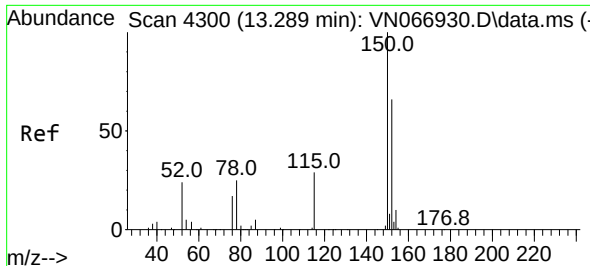
Tgt Ion: 95 Resp: 242083
Ion Ratio Lower Upper
95 100
174 79.6 0.0 169.0
176 84.3 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.352 min Scan# 3578
Delta R.T. 0.002 min
Lab File: VN067010.D
Acq: 6 May 2021 15:14

Tgt Ion: 117 Resp: 657864
Ion Ratio Lower Upper
117 100
82 59.9 43.7 65.5
119 32.2 26.1 39.1

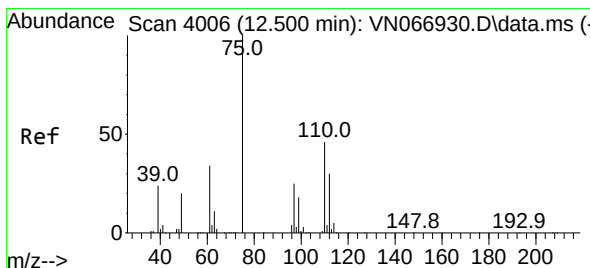
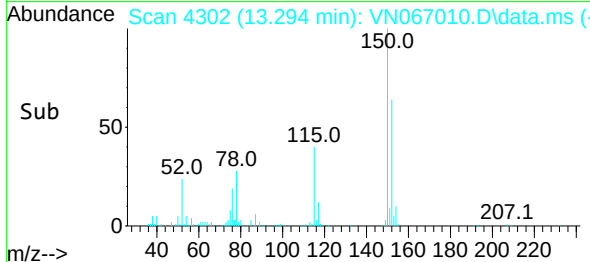
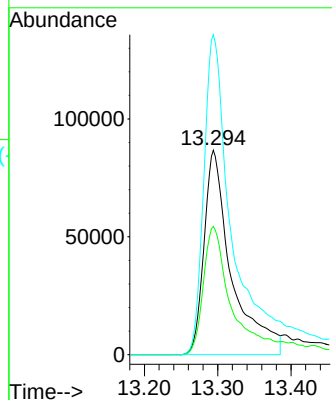
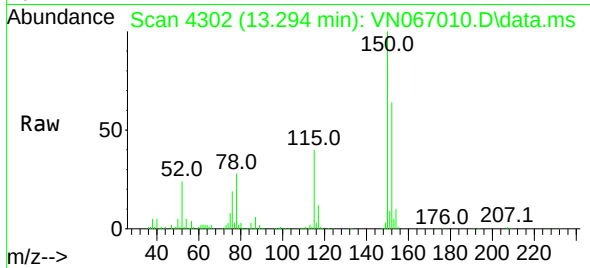




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.294 min Scan# 4302
Delta R.T. 0.005 min
Lab File: VN067010.D
Acq: 6 May 2021 15:14

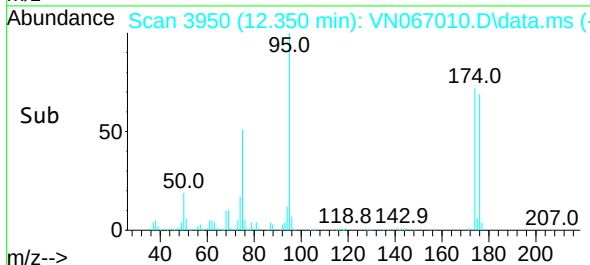
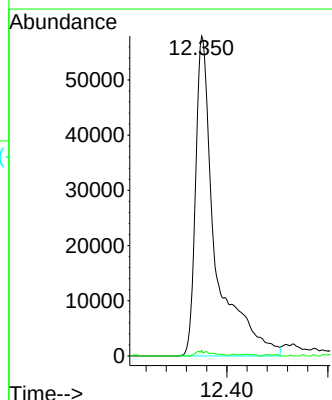
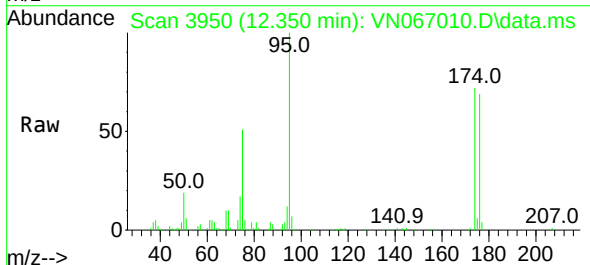
Instrument :
MSVOA_N
ClientSampleId :

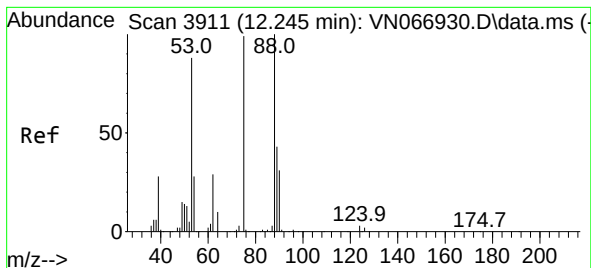
Tgt Ion:152 Resp: 226055
Ion Ratio Lower Upper
152 100
115 63.5 28.5 85.6
150 176.3 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 29.43 ug/l
RT: 12.350 min Scan# 3950
Delta R.T. -0.150 min
Lab File: VN067010.D
Acq: 6 May 2021 15:14

Tgt Ion: 75 Resp: 158484
Ion Ratio Lower Upper
75 100
77 0.5 0.0 0.0#

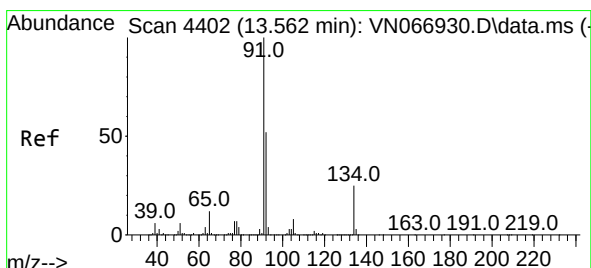
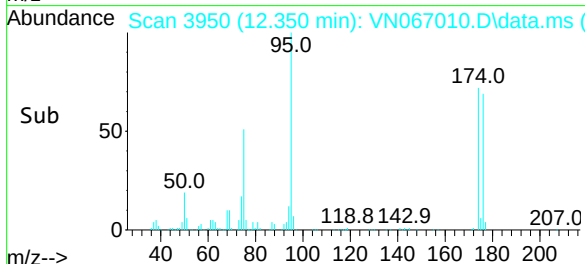
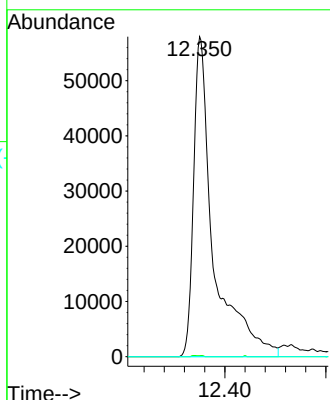
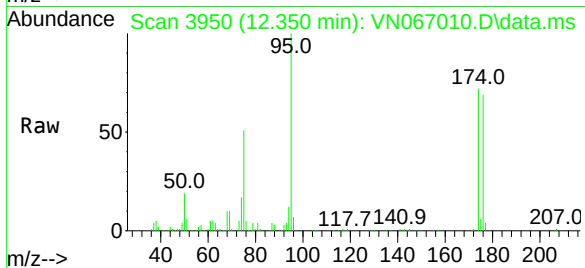




#81
trans-1,4-Dichloro-2-butene
Concen: 87.58 ug/l
RT: 12.350 min Scan# 3950
Delta R.T. 0.105 min
Lab File: VN067010.D
Acq: 6 May 2021 15:14

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 158484
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: 13.707 min Scan# 4456
Delta R.T. 0.145 min
Lab File: VN067010.D
Acq: 6 May 2021 15:14

Tgt Ion: 91 Resp: 25
Ion Ratio Lower Upper
91 100
92 0.0 26.1 78.3#
134 0.0 13.0 38.9#

