

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050621\
 Data File : VN067011.D
 Acq On : 6 May 2021 15:36
 Operator : JC/MD
 Sample : M2275-17
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 07 04:08:16 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)

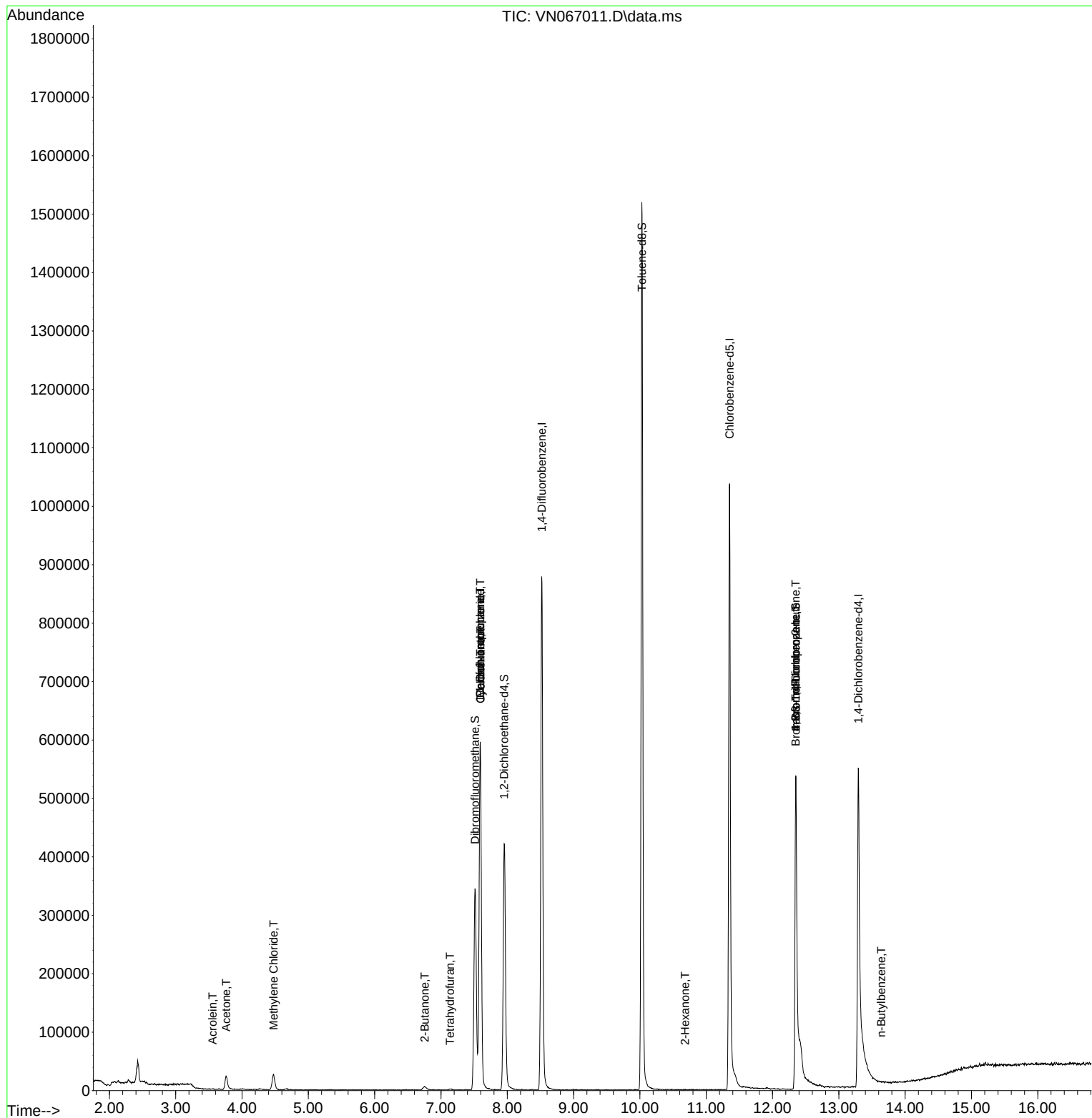
Internal Standards						
1) Pentafluorobenzene	7.592	168	454249	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.520	114	758927	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.352	117	656199	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.294	152	227130	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.954	65	388365	54.32	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	108.64%
35) Dibromofluoromethane	7.514	113	273553	53.08	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	106.16%
50) Toluene-d8	10.030	98	1052000	53.60	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	107.20%
62) 4-Bromofluorobenzene	12.350	95	299993	45.14	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	90.28%
Target Compounds						
					Qvalue	
13) Acrolein	3.556	56	846	1.01	ug/l #	79
16) Acetone	3.760	43	38182	15.18	ug/l	96
20) Methylene Chloride	4.476	84	18140	2.84	ug/l #	90
25) 2-Butanone	6.755	43	2264	0.61	ug/l #	86
29) Tetrahydrofuran	7.136	42	791	0.32	ug/l #	55
31) Cyclohexane	7.595	56	10318	1.03	ug/l #	7
36) 1,1-Dichloropropene	7.589	75	40273	5.10	ug/l #	49
38) Carbon Tetrachloride	7.592	117	48519	5.89	ug/l #	18
59) 2-Hexanone	10.682	43	50	28.37	ug/l #	23
71) Bromoform	12.347	173	1953	0.50	ug/l #	1
76) 1,2,3-Trichloropropane	12.350	75	155671	28.77	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.350	75	155671	85.74	ug/l #	12
89) n-Butylbenzene	13.640	91	87	5.25	ug/l #	21

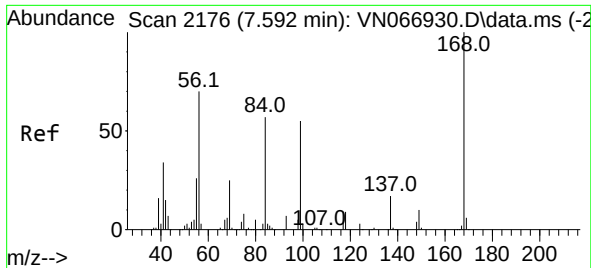
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

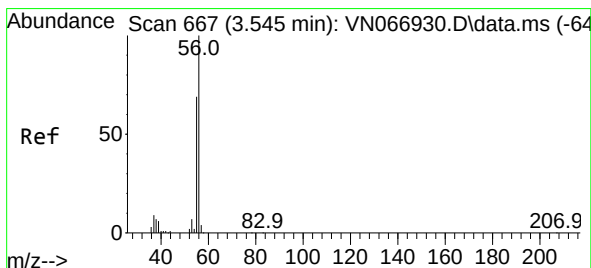
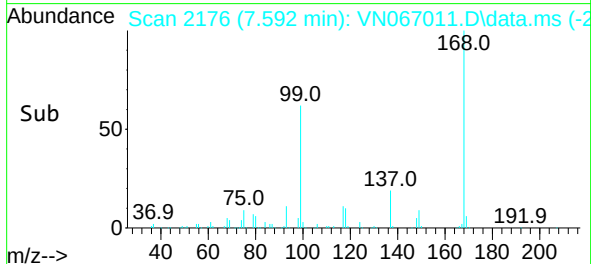
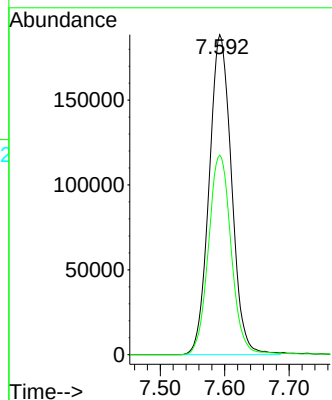
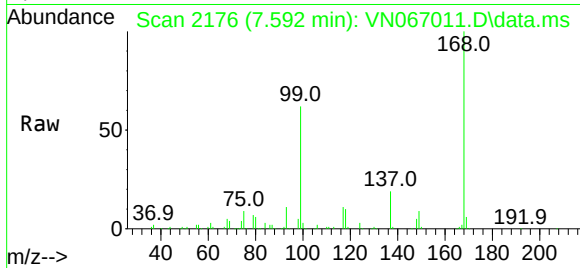




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.592 min Scan# 2176
Delta R.T. 0.000 min
Lab File: VN067011.D
Acq: 6 May 2021 15:36

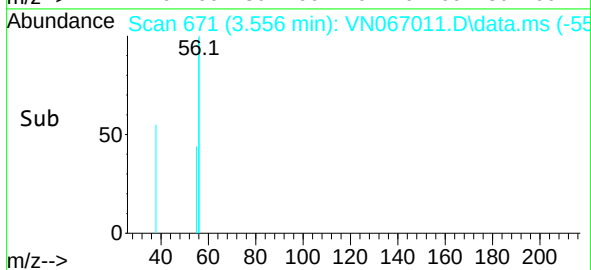
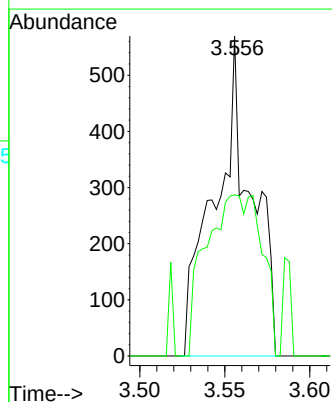
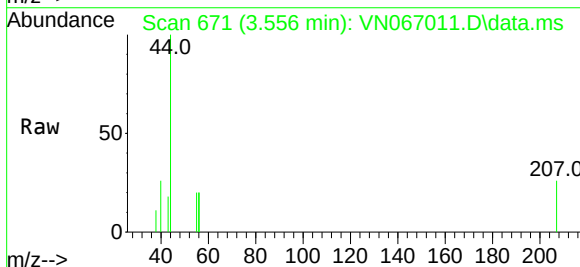
Instrument :
MSVOA_N
ClientSampleId :

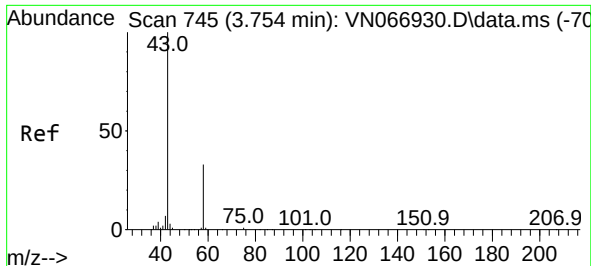
Tgt Ion:168 Resp: 454249
Ion Ratio Lower Upper
168 100
99 62.4 42.6 63.8



#13
Acrolein
Concen: 1.01 ug/l
RT: 3.556 min Scan# 671
Delta R.T. 0.011 min
Lab File: VN067011.D
Acq: 6 May 2021 15:36

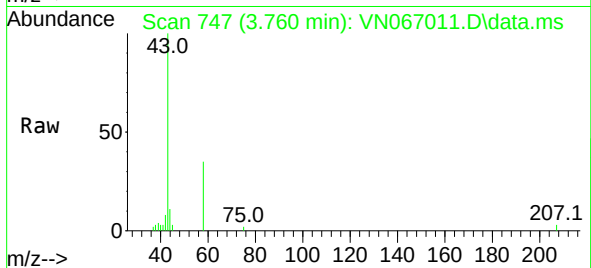
Tgt Ion: 56 Resp: 846
Ion Ratio Lower Upper
56 100
55 53.0 56.0 84.0#



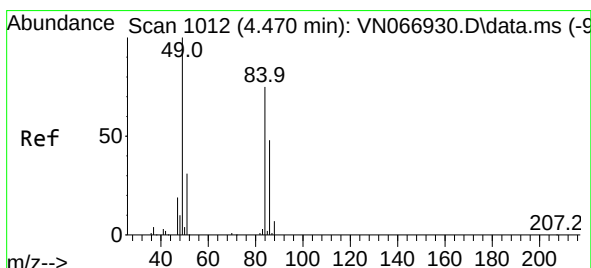
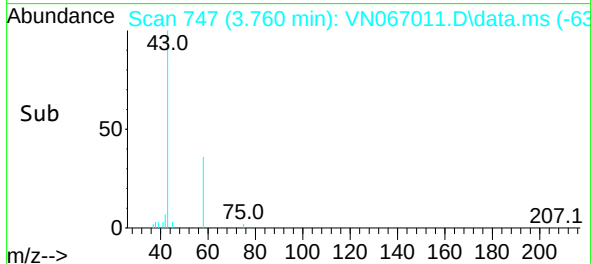
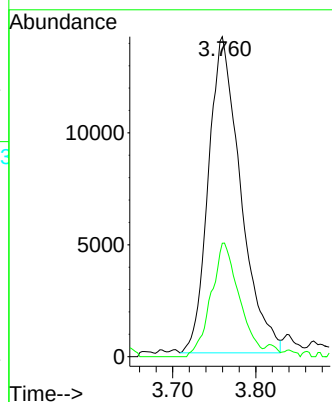


#16
Acetone
Concen: 15.18 ug/l
RT: 3.760 min Scan# 747
Delta R.T. 0.006 min
Lab File: VN067011.D
Acq: 6 May 2021 15:36

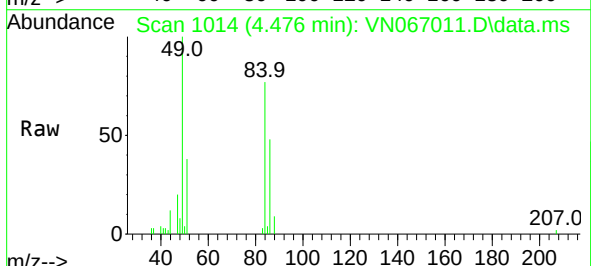
Instrument :
MSVOA_N
ClientSampleId :



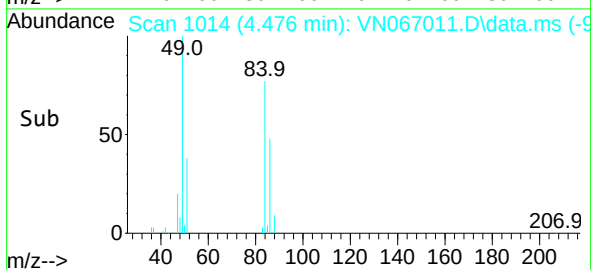
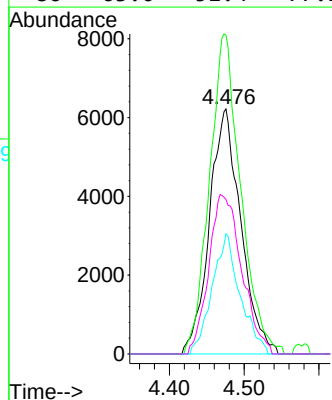
Tgt Ion: 43 Resp: 38182
Ion Ratio Lower Upper
43 100
58 35.9 27.0 40.6

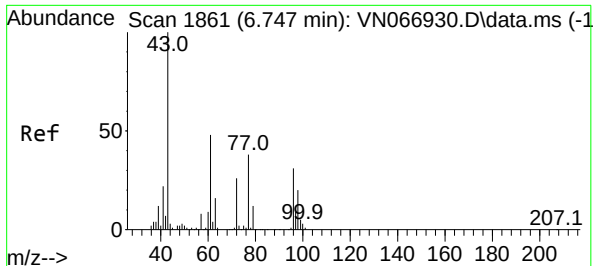


#20
Methylene Chloride
Concen: 2.84 ug/l
RT: 4.476 min Scan# 1014
Delta R.T. 0.006 min
Lab File: VN067011.D
Acq: 6 May 2021 15:36



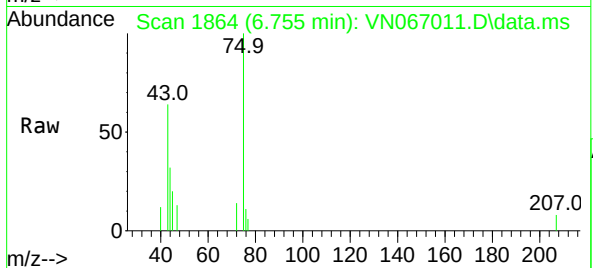
Tgt Ion: 84 Resp: 18140
Ion Ratio Lower Upper
84 100
49 130.2 94.6 141.8
51 49.1 29.9 44.9#
86 63.0 51.4 77.2



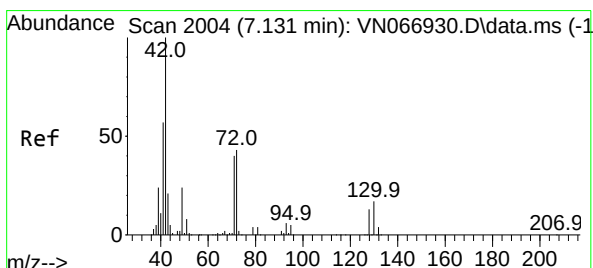
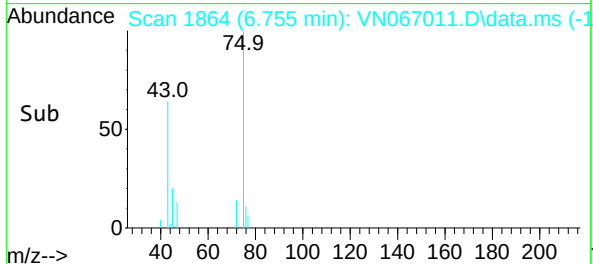
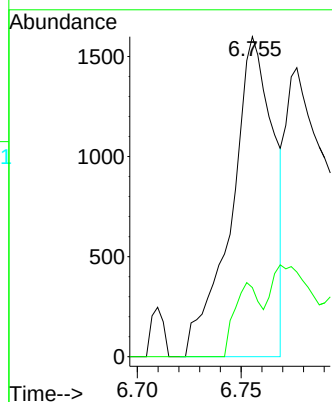


#25
2-Butanone
Concen: 0.61 ug/l
RT: 6.755 min Scan# 1864
Delta R.T. 0.008 min
Lab File: VN067011.D
Acq: 6 May 2021 15:36

Instrument :
MSVOA_N
ClientSampleId :

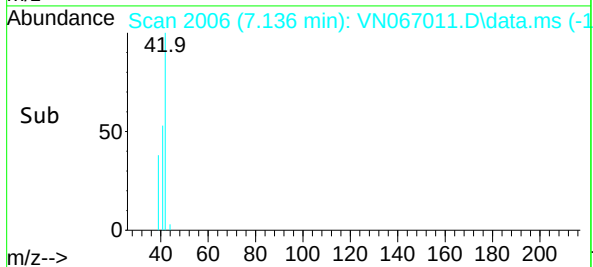
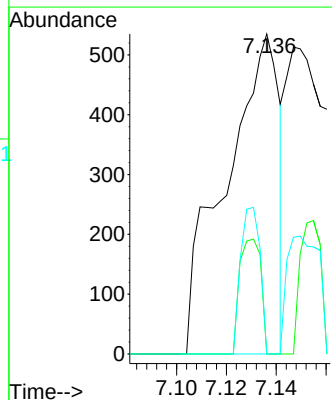
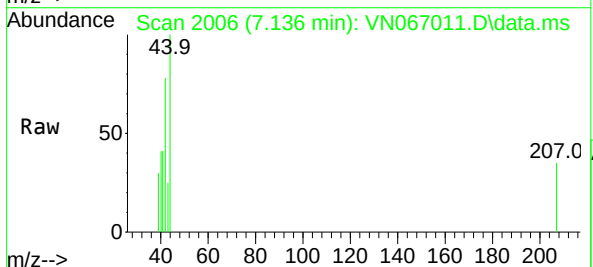


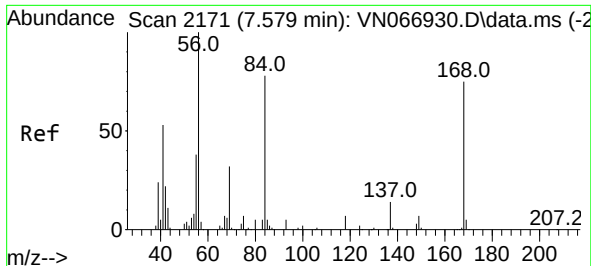
Tgt Ion: 43 Resp: 2264
Ion Ratio Lower Upper
43 100
72 21.6 23.1 34.7#



#29
Tetrahydrofuran
Concen: 0.32 ug/l
RT: 7.136 min Scan# 2006
Delta R.T. 0.005 min
Lab File: VN067011.D
Acq: 6 May 2021 15:36

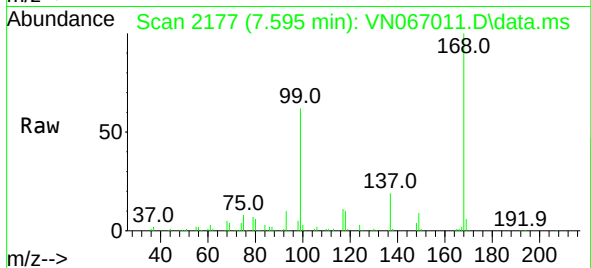
Tgt Ion: 42 Resp: 791
Ion Ratio Lower Upper
42 100
72 14.3 36.6 55.0#
71 16.7 34.3 51.5#



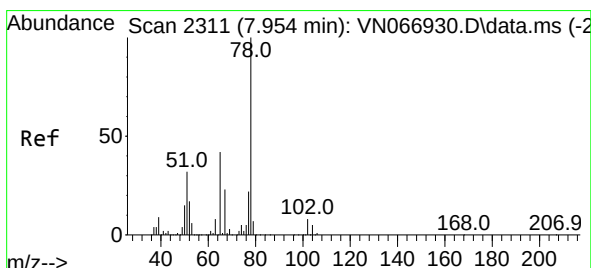
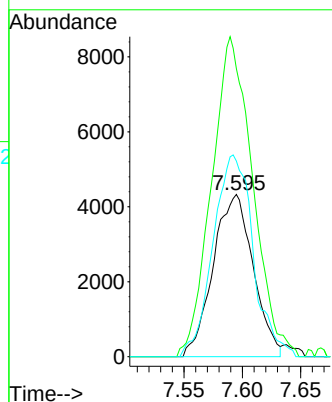
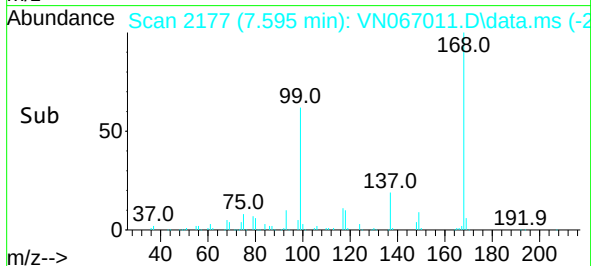


#31
Cyclohexane
Concen: 1.03 ug/l
RT: 7.595 min Scan# 2177
Delta R.T. 0.016 min
Lab File: VN067011.D
Acq: 6 May 2021 15:36

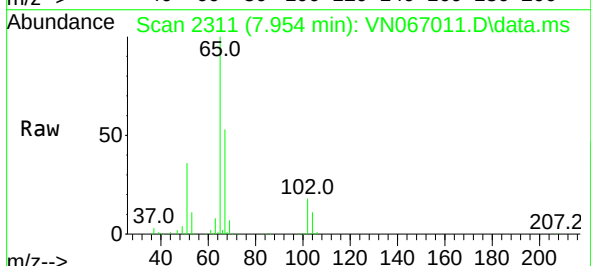
Instrument :
MSVOA_N
ClientSampleId :



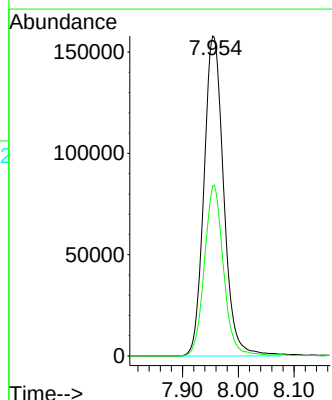
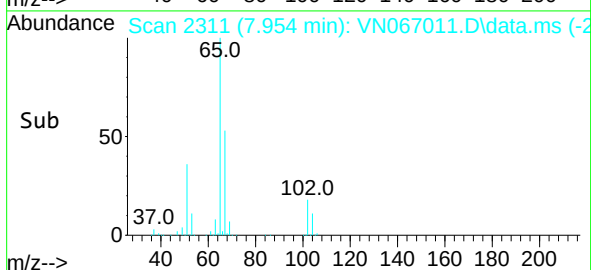
Tgt Ion: 56 Resp: 10318
Ion Ratio Lower Upper
56 100
69 172.6 26.6 39.8#
84 120.7 70.4 105.6#

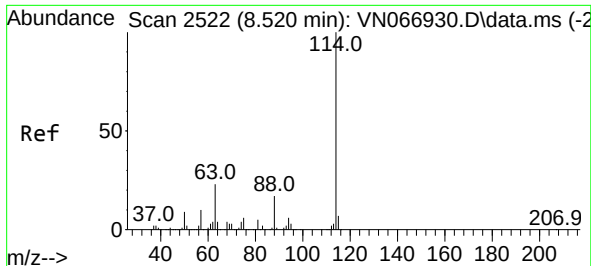


#33
1,2-Dichloroethane-d4
Concen: 54.32 ug/l
RT: 7.954 min Scan# 2311
Delta R.T. 0.000 min
Lab File: VN067011.D
Acq: 6 May 2021 15:36



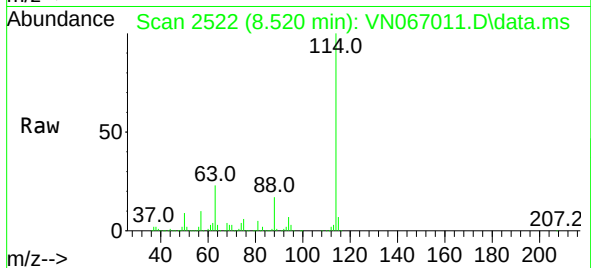
Tgt Ion: 65 Resp: 388365
Ion Ratio Lower Upper
65 100
67 51.5 0.0 107.2



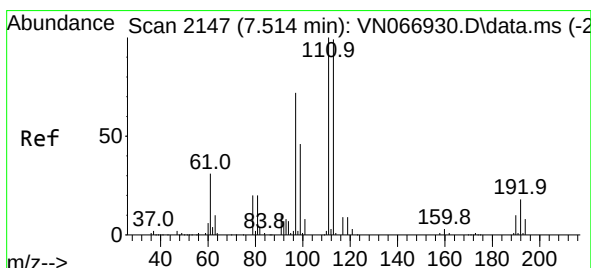
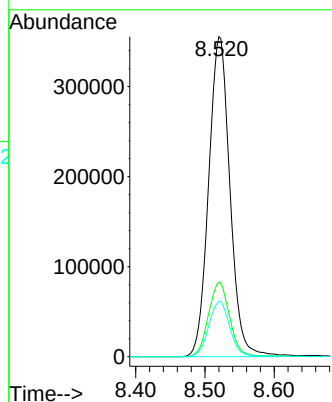
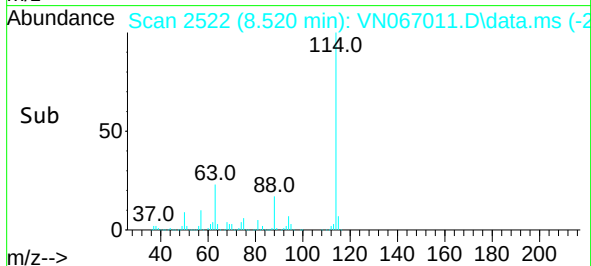


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.520 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VN067011.D
Acq: 6 May 2021 15:36

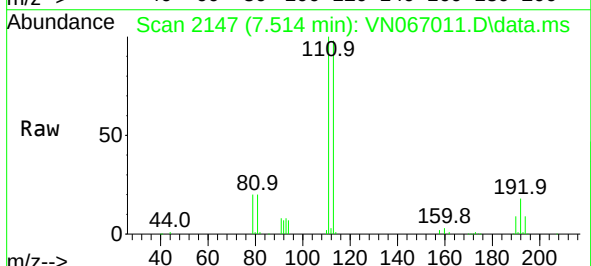
Instrument :
MSVOA_N
ClientSampleId :



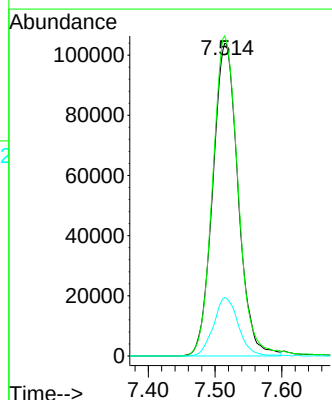
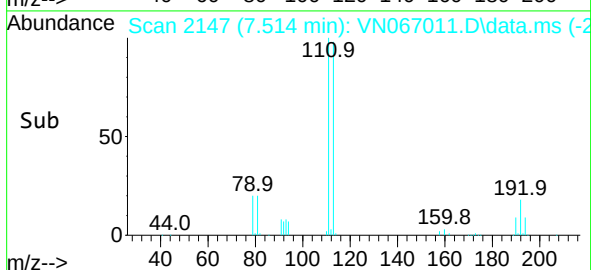
Tgt Ion:114 Resp: 758927
Ion Ratio Lower Upper
114 100
63 23.3 0.0 38.6
88 17.3 0.0 30.6

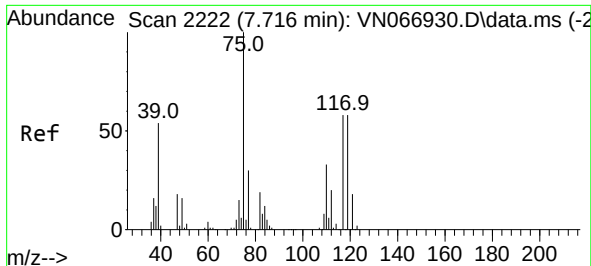


#35
Dibromofluoromethane
Concen: 53.08 ug/l
RT: 7.514 min Scan# 2147
Delta R.T. 0.000 min
Lab File: VN067011.D
Acq: 6 May 2021 15:36



Tgt Ion:113 Resp: 273553
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.2
192 18.2 15.4 23.0

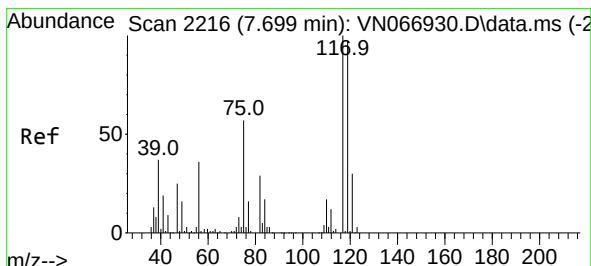
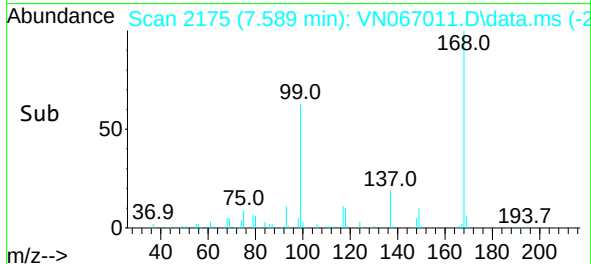
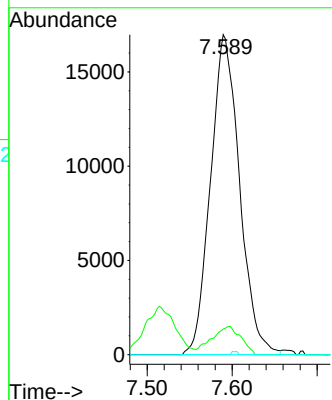
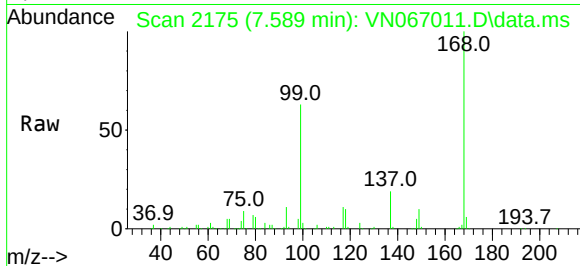




#36
1,1-Dichloropropene
Concen: 5.10 ug/l
RT: 7.589 min Scan# 2175
Delta R.T. -0.127 min
Lab File: VN067011.D
Acq: 6 May 2021 15:36

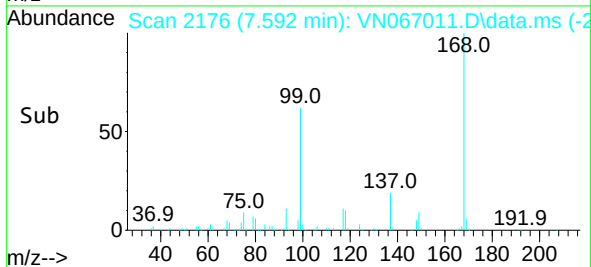
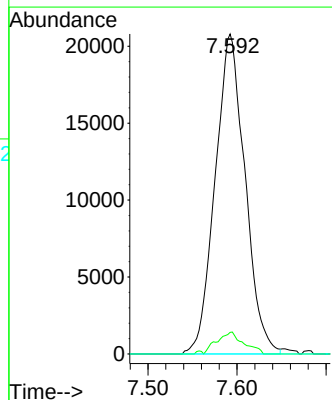
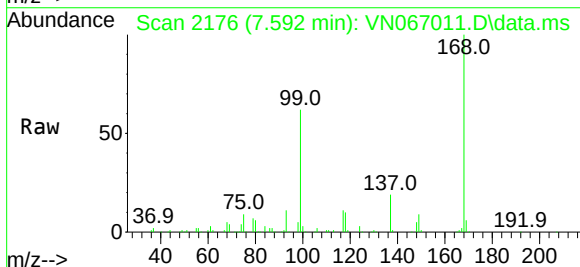
Instrument :
MSVOA_N
ClientSampleId :

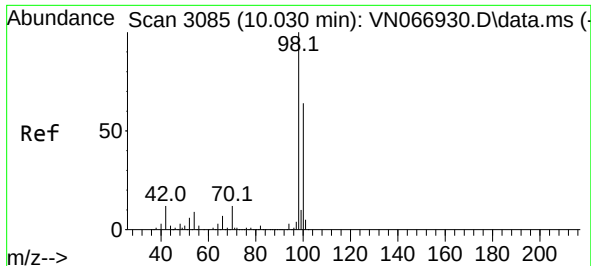
Tgt Ion: 75 Resp: 40273
Ion Ratio Lower Upper
75 100
110 8.9 18.2 54.6#
77 0.2 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 5.89 ug/l
RT: 7.592 min Scan# 2176
Delta R.T. -0.107 min
Lab File: VN067011.D
Acq: 6 May 2021 15:36

Tgt Ion: 117 Resp: 48519
Ion Ratio Lower Upper
117 100
119 6.8 76.0 114.0#
121 0.0 24.5 36.7#

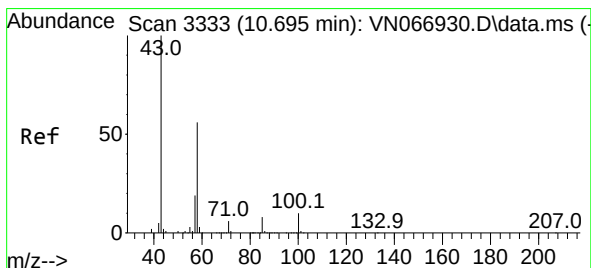
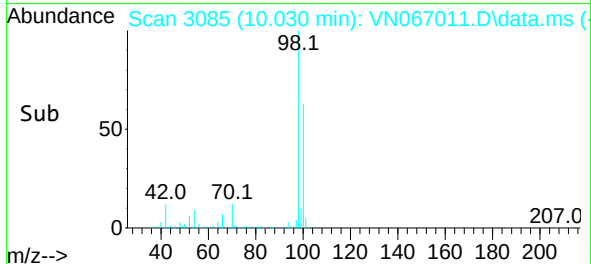
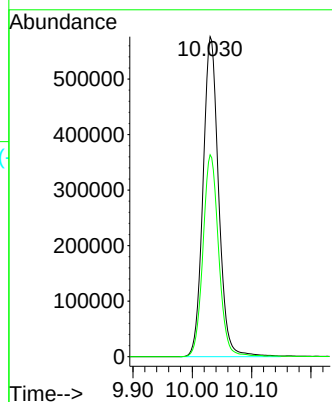
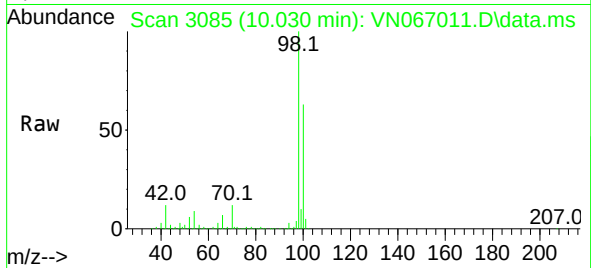




#50
Toluene-d8
Concen: 53.60 ug/l
RT: 10.030 min Scan# 3085
Delta R.T. 0.000 min
Lab File: VN067011.D
Acq: 6 May 2021 15:36

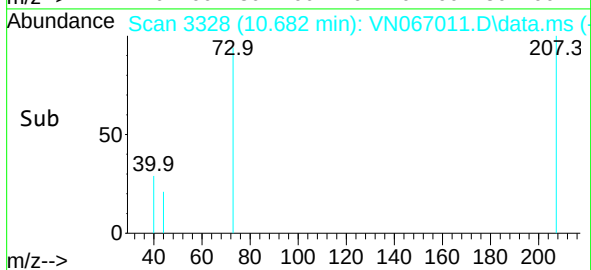
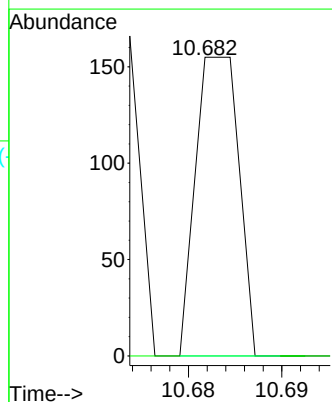
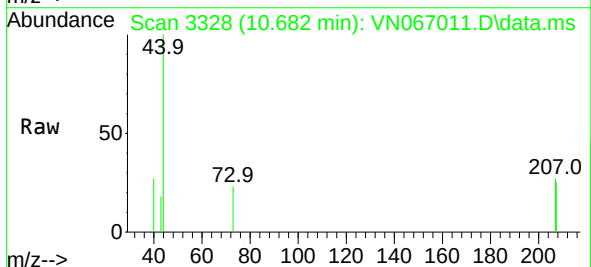
Instrument :
MSVOA_N
ClientSampled :

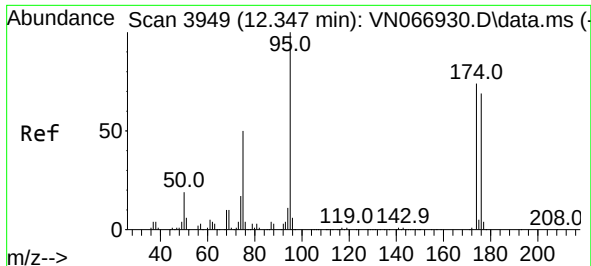
Tgt Ion: 98 Resp: 1052000
Ion Ratio Lower Upper
98 100
100 63.4 50.5 75.7



#59
2-Hexanone
Concen: 28.37 ug/l
RT: 10.682 min Scan# 3328
Delta R.T. -0.013 min
Lab File: VN067011.D
Acq: 6 May 2021 15:36

Tgt Ion: 43 Resp: 50
Ion Ratio Lower Upper
43 100
58 0.0 28.1 84.3#

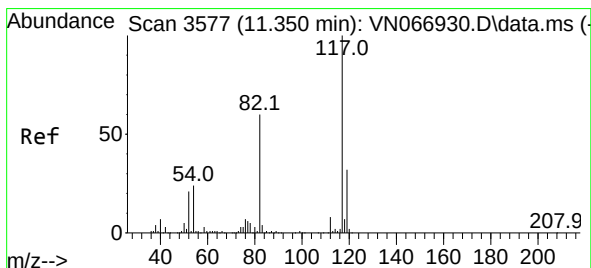
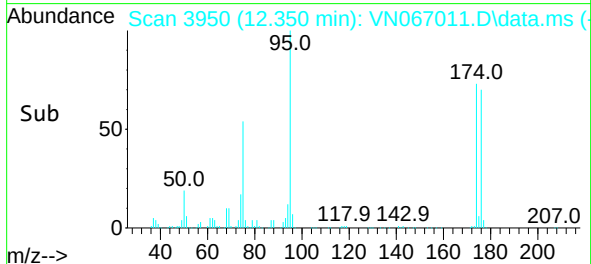
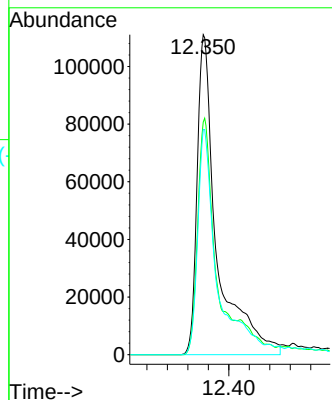
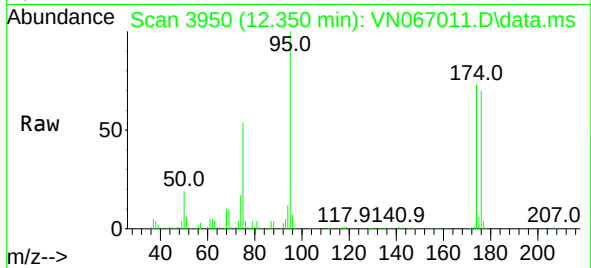




#62
4-Bromofluorobenzene
Concen: 45.14 ug/l
RT: 12.350 min Scan# 3950
Delta R.T. 0.003 min
Lab File: VN067011.D
Acq: 6 May 2021 15:36

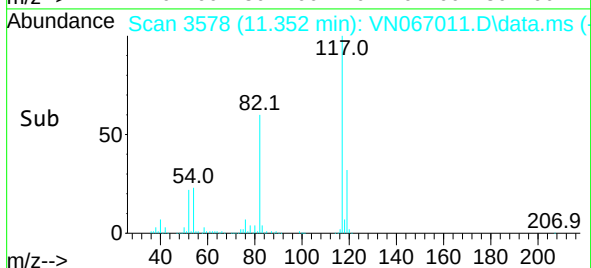
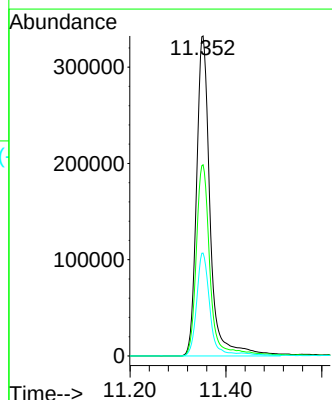
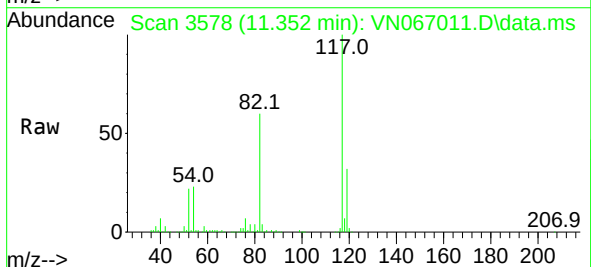
Instrument :
MSVOA_N
ClientSampleId :

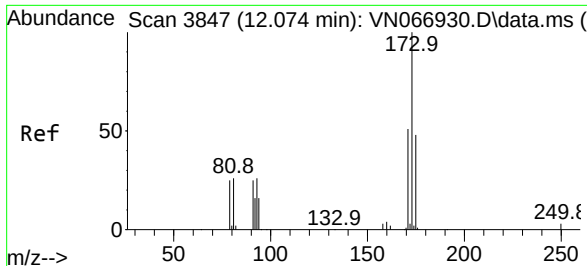
Tgt Ion: 95 Resp: 299993
Ion Ratio Lower Upper
95 100
174 63.1 0.0 169.0
176 67.8 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.352 min Scan# 3578
Delta R.T. 0.002 min
Lab File: VN067011.D
Acq: 6 May 2021 15:36

Tgt Ion: 117 Resp: 656199
Ion Ratio Lower Upper
117 100
82 59.8 43.7 65.5
119 32.2 26.1 39.1

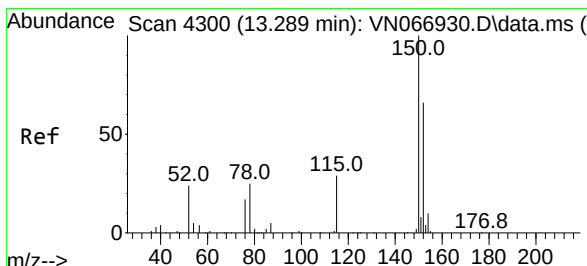
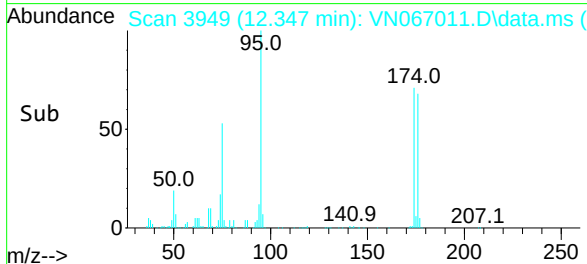
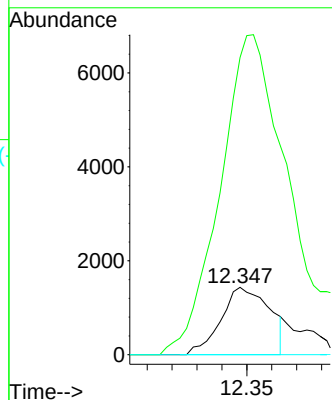
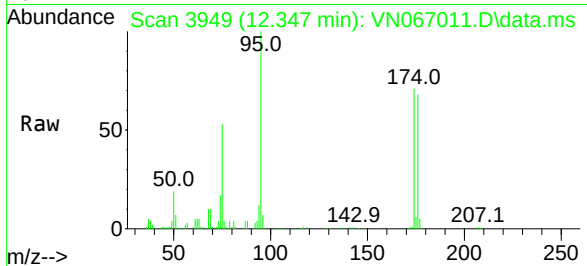




#71
Bromoform
Concen: 0.50 ug/l
RT: 12.347 min Scan# 3949
Delta R.T. 0.273 min
Lab File: VN067011.D
Acq: 6 May 2021 15:36

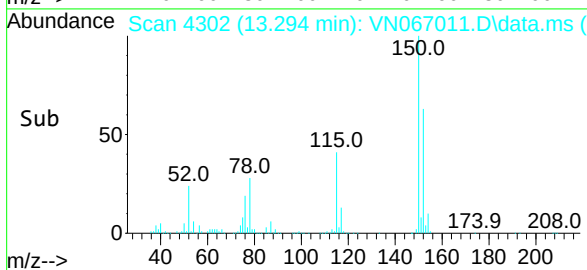
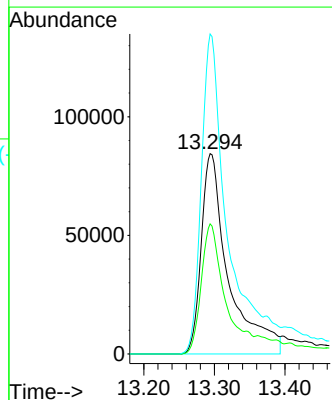
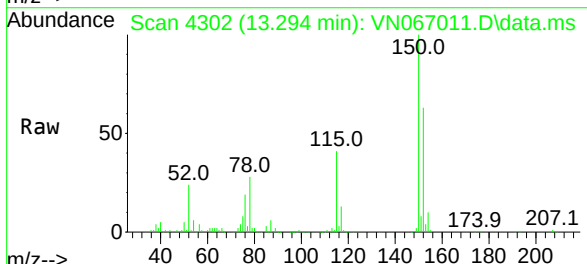
Instrument :
MSVOA_N
ClientSampleId :

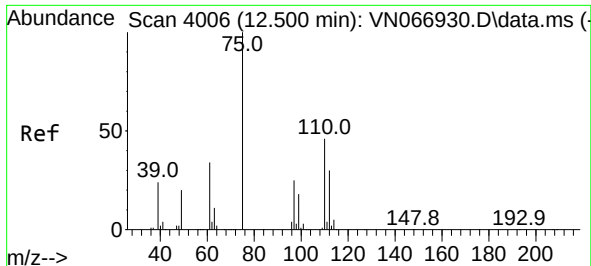
Tgt Ion:173 Resp: 1953
Ion Ratio Lower Upper
173 100
175 522.4 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.294 min Scan# 4302
Delta R.T. 0.005 min
Lab File: VN067011.D
Acq: 6 May 2021 15:36

Tgt Ion:152 Resp: 227130
Ion Ratio Lower Upper
152 100
115 56.4 28.5 85.6
150 146.6 0.0 347.6

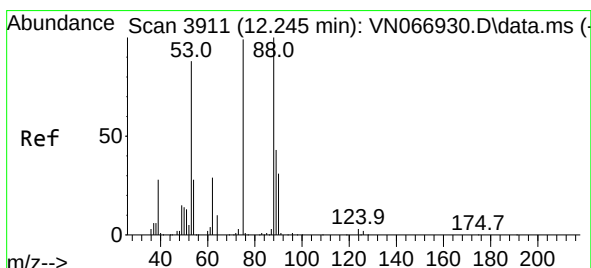
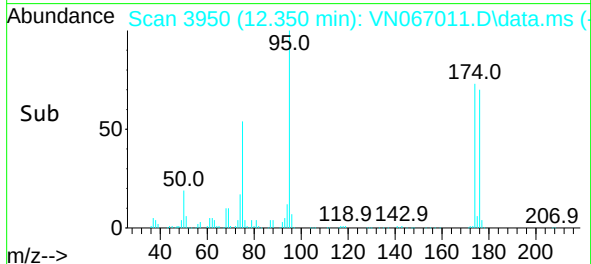
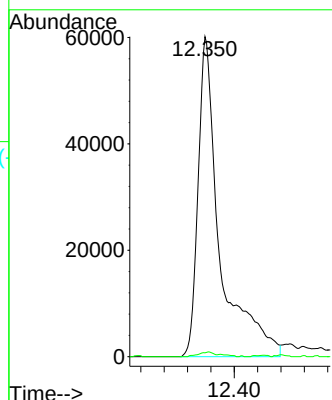
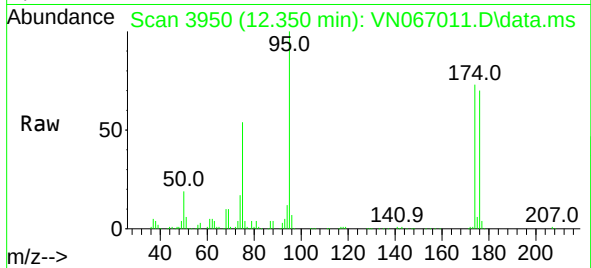




#76
1,2,3-Trichloropropane
Concen: 28.77 ug/l
RT: 12.350 min Scan# 3950
Delta R.T. -0.150 min
Lab File: VN067011.D
Acq: 6 May 2021 15:36

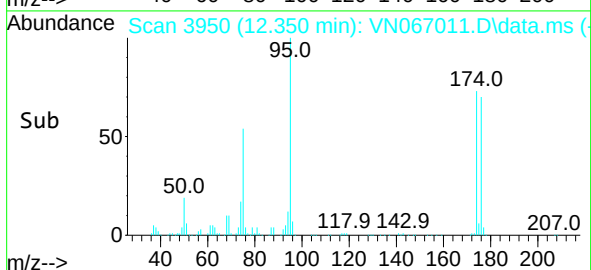
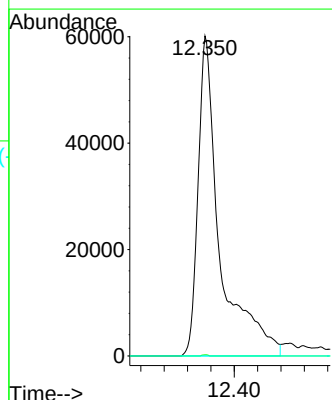
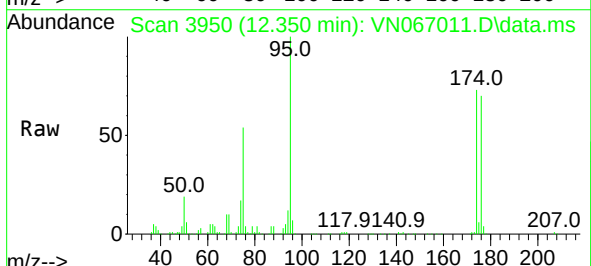
Instrument :
MSVOA_N
ClientSampleId :

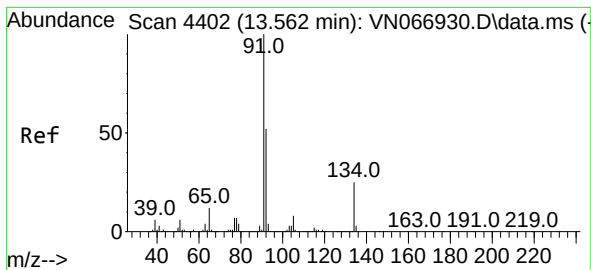
Tgt Ion: 75 Resp: 155671
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.74 ug/l
RT: 12.350 min Scan# 3950
Delta R.T. 0.105 min
Lab File: VN067011.D
Acq: 6 May 2021 15:36

Tgt Ion: 75 Resp: 155671
Ion Ratio Lower Upper
75 100
53 0.1 74.6 111.8#
89 0.0 35.8 53.8#





#89

n-Butylbenzene

Concen: 5.25 ug/l

RT: 13.640 min Scan# 4431

Delta R.T. 0.078 min

Lab File: VN067011.D

Acq: 6 May 2021 15:36

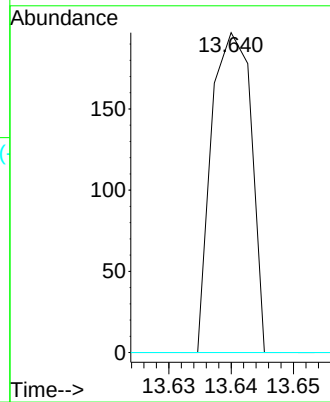
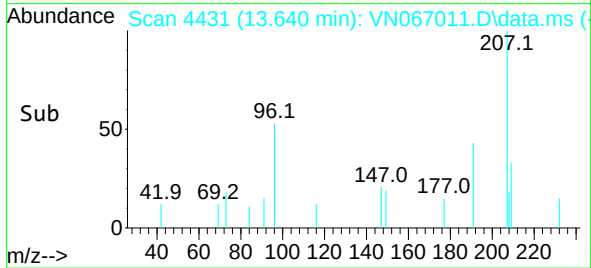
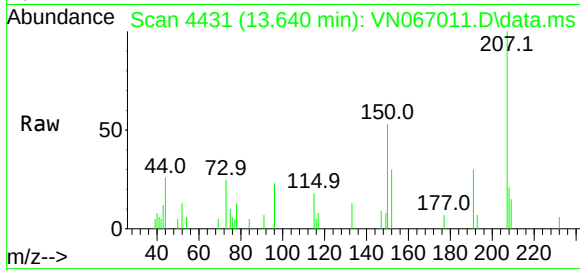
Tgt Ion: 91 Resp: 87

Ion Ratio Lower Upper

91 100

92 0.0 26.1 78.3#

134 71.3 13.0 38.9#



Instrument :
MSVOA_N
ClientSampleId :