

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050621\
 Data File : VN067015.D
 Acq On : 6 May 2021 17:12
 Operator : JC/MD
 Sample : M2275-18RE
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 07 04:09:18 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)

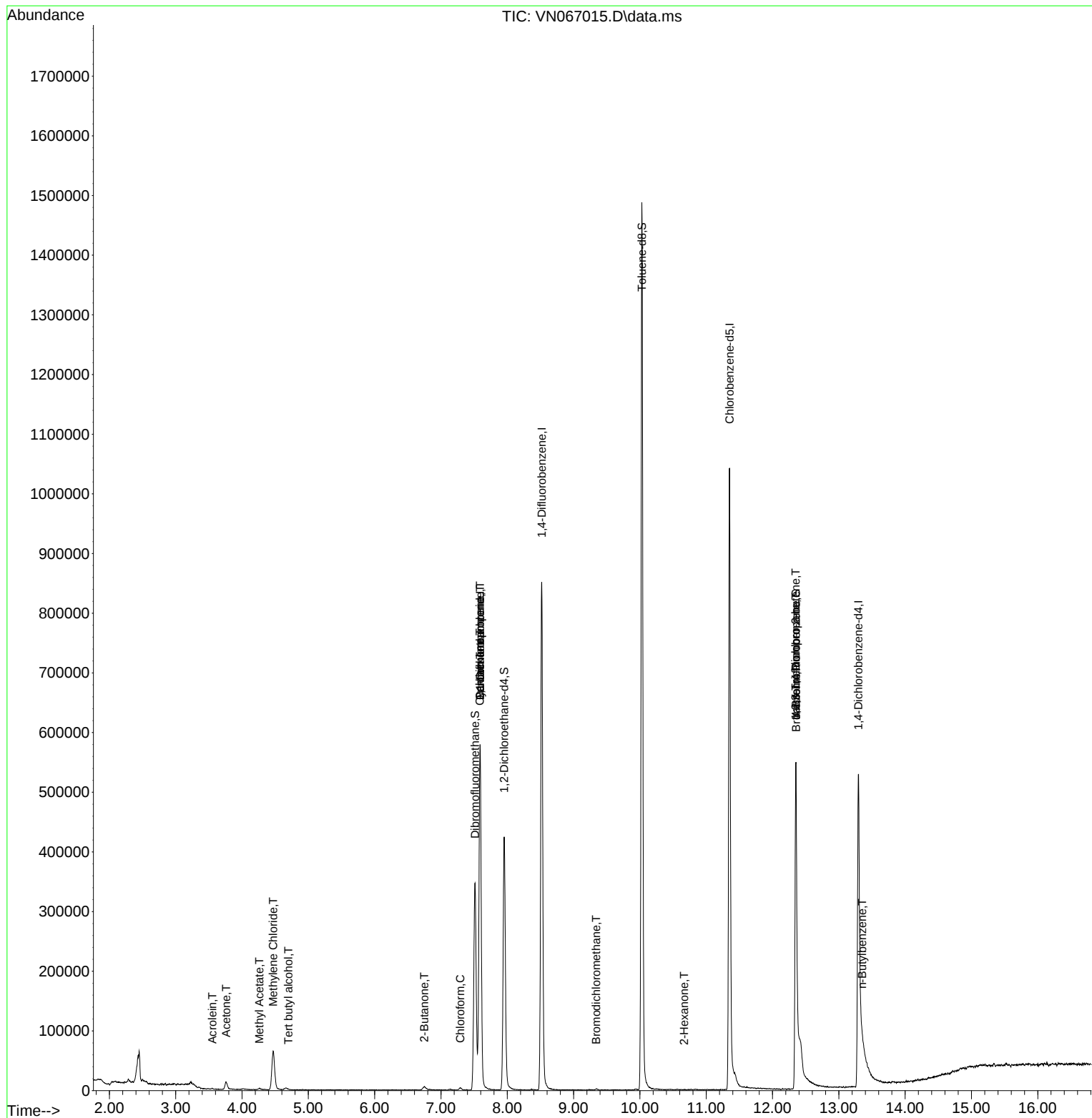
Internal Standards						
1) Pentafluorobenzene	7.589	168	438101	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.520	114	739422	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.352	117	626397	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.294	152	221451	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.954	65	383521	55.62	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 111.24%			
35) Dibromofluoromethane	7.514	113	272981	54.37	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 108.74%			
50) Toluene-d8	10.030	98	1018177	53.25	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.50%			
62) 4-Bromofluorobenzene	12.353	95	247591	38.24	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 76.48%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.698	59	381	0.39	ug/l #	73
13) Acrolein	3.553	56	920	1.14	ug/l #	61
16) Acetone	3.760	43	19546	8.06	ug/l	96
18) Methyl Acetate	4.261	43	5609	0.81	ug/l #	67
20) Methylene Chloride	4.470	84	47726	7.76	ug/l	92
25) 2-Butanone	6.750	43	784	0.22	ug/l #	46
30) Chloroform	7.289	83	3553	0.33	ug/l #	76
31) Cyclohexane	7.587	56	10709	1.10	ug/l #	1
36) 1,1-Dichloropropene	7.589	75	38581	5.01	ug/l #	48
38) Carbon Tetrachloride	7.589	117	47864	5.96	ug/l #	17
47) Bromodichloromethane	9.341	83	1805	0.21	ug/l #	86
59) 2-Hexanone	10.668	43	28	28.37	ug/l #	23
71) Bromoform	12.355	173	2034	0.54	ug/l #	1
76) 1,2,3-Trichloropropane	12.350	75	128408	24.34	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.350	75	128408	73.39	ug/l #	12
89) n-Butylbenzene	13.353	91	25	5.24	ug/l #	1

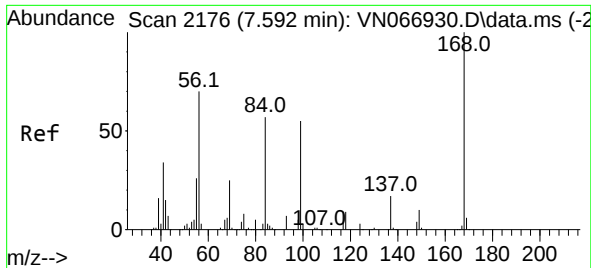
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050421W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

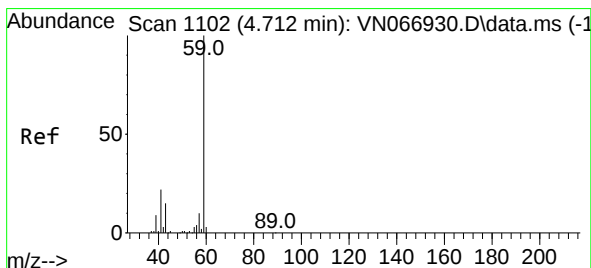
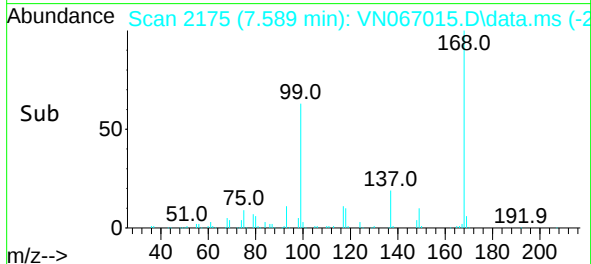
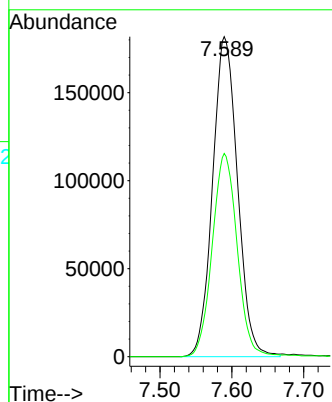
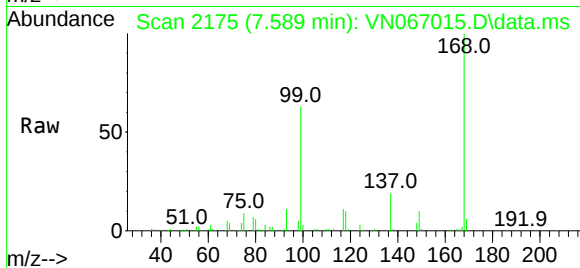




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.589 min Scan# 2175
Delta R.T. -0.003 min
Lab File: VN067015.D
Acq: 6 May 2021 17:12

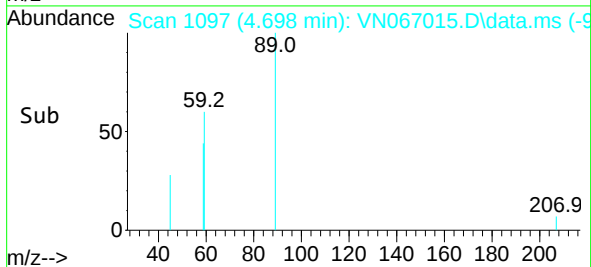
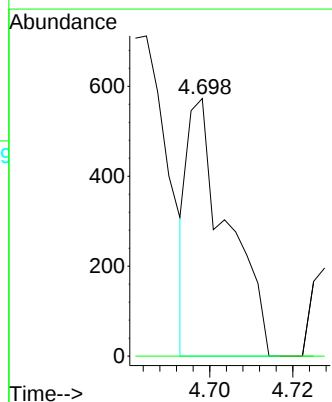
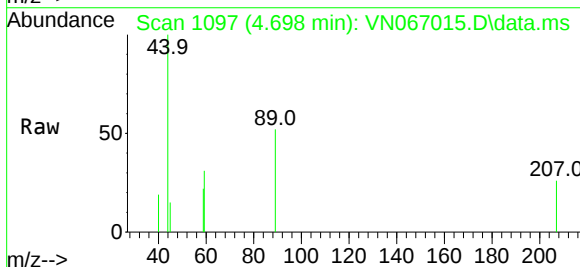
Instrument :
MSVOA_N
ClientSampleId :

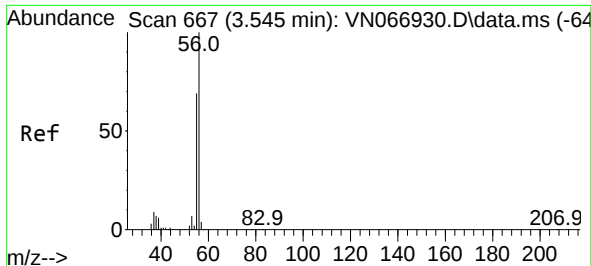
Tgt Ion:168 Resp: 438101
Ion Ratio Lower Upper
168 100
99 63.5 42.6 63.8



#11
Tert butyl alcohol
Concen: 0.39 ug/l
RT: 4.698 min Scan# 1097
Delta R.T. -0.014 min
Lab File: VN067015.D
Acq: 6 May 2021 17:12

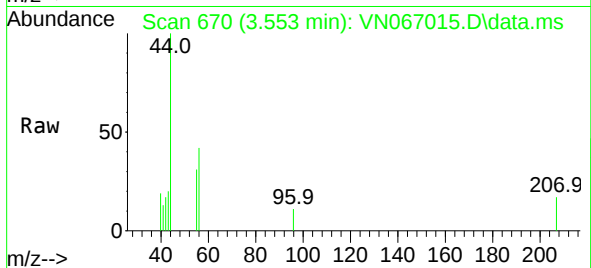
Tgt Ion: 59 Resp: 381
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



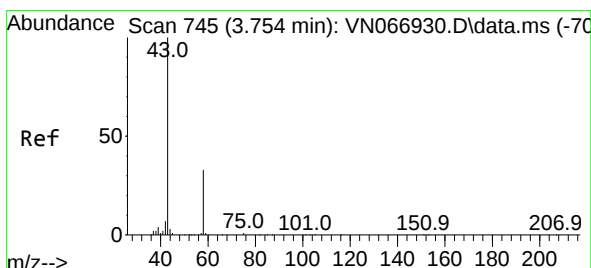
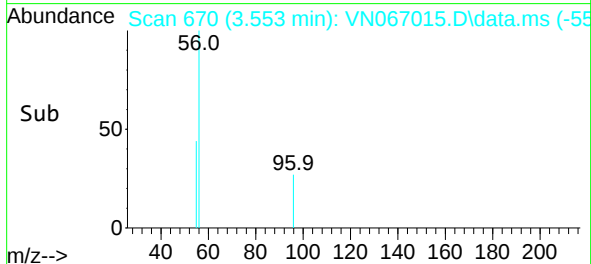
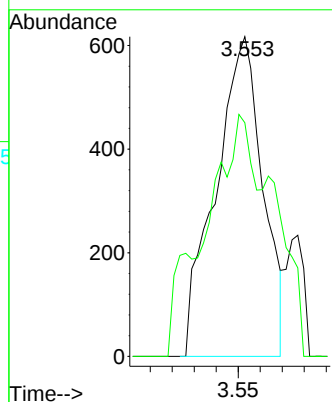


#13
Acrolein
Concen: 1.14 ug/l
RT: 3.553 min Scan# 670
Delta R.T. 0.008 min
Lab File: VN067015.D
Acq: 6 May 2021 17:12

Instrument :
MSVOA_N
ClientSampleId :

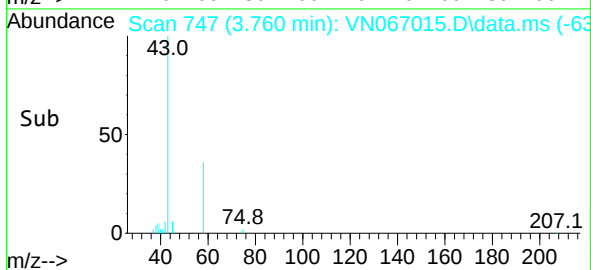
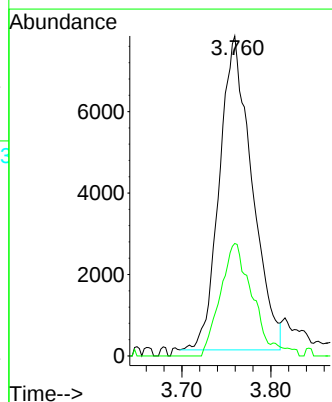
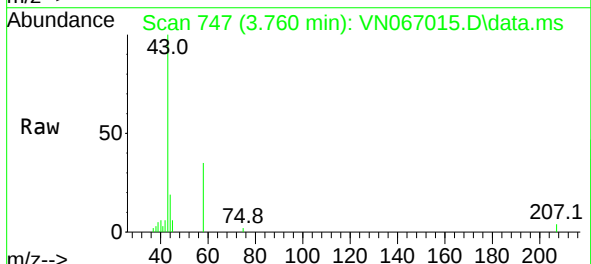


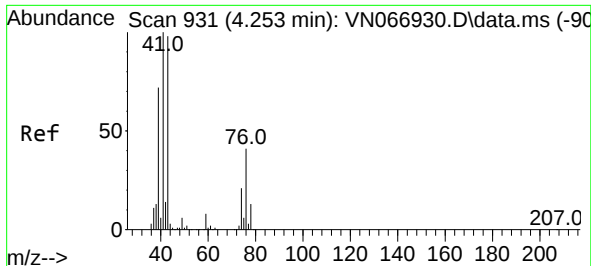
Tgt Ion: 56 Resp: 920
Ion Ratio Lower Upper
56 100
55 38.2 56.0 84.0#



#16
Acetone
Concen: 8.06 ug/l
RT: 3.760 min Scan# 747
Delta R.T. 0.006 min
Lab File: VN067015.D
Acq: 6 May 2021 17:12

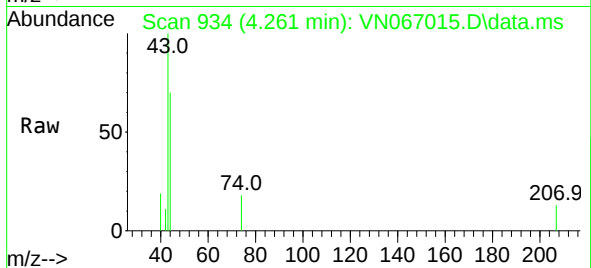
Tgt Ion: 43 Resp: 19546
Ion Ratio Lower Upper
43 100
58 35.8 27.0 40.6



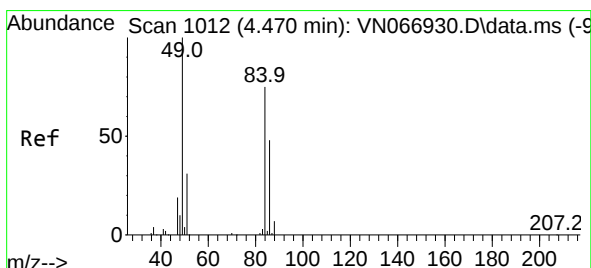
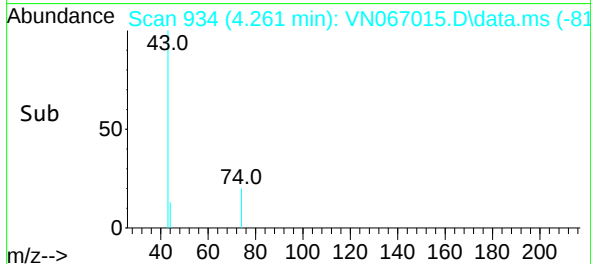
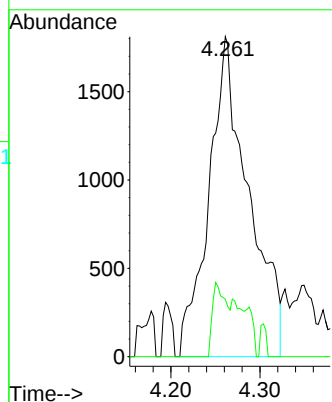


#18
Methyl Acetate
Concen: 0.81 ug/l
RT: 4.261 min Scan# 934
Delta R.T. 0.008 min
Lab File: VN067015.D
Acq: 6 May 2021 17:12

Instrument :
MSVOA_N
ClientSampled :

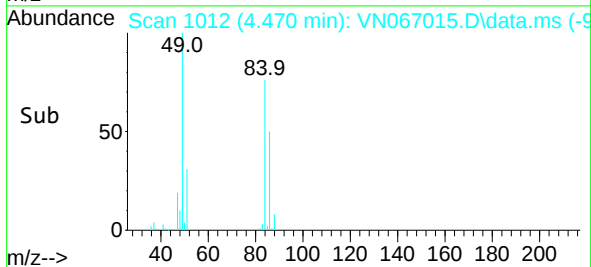
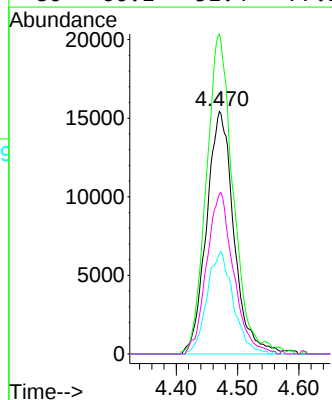
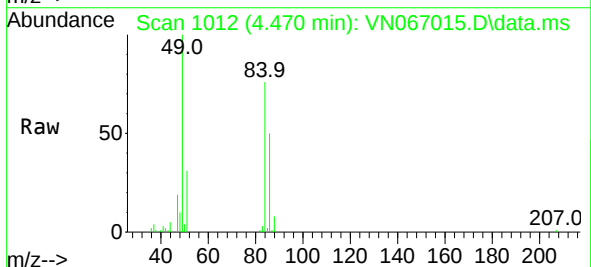


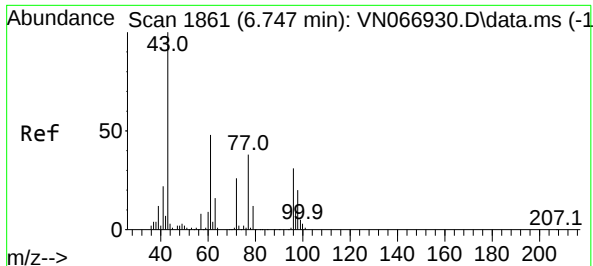
Tgt Ion: 43 Resp: 5609
Ion Ratio Lower Upper
43 100
74 8.2 19.5 29.3#



#20
Methylene Chloride
Concen: 7.76 ug/l
RT: 4.470 min Scan# 1012
Delta R.T. 0.000 min
Lab File: VN067015.D
Acq: 6 May 2021 17:12

Tgt Ion: 84 Resp: 47726
Ion Ratio Lower Upper
84 100
49 131.9 94.6 141.8
51 41.4 29.9 44.9
86 66.1 51.4 77.2

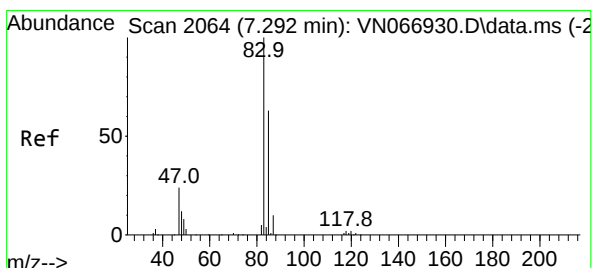
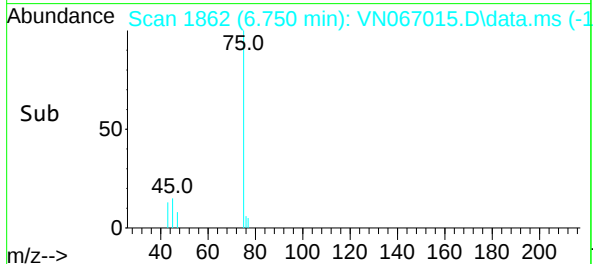
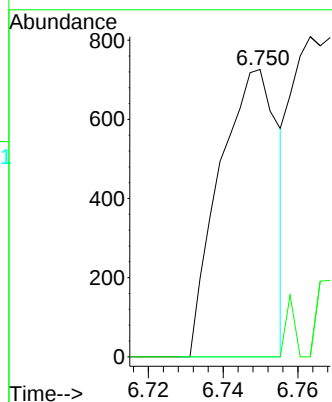
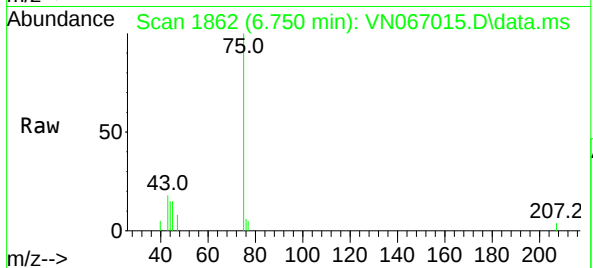




#25
2-Butanone
Concen: 0.22 ug/l
RT: 6.750 min Scan# 1862
Delta R.T. 0.003 min
Lab File: VN067015.D
Acq: 6 May 2021 17:12

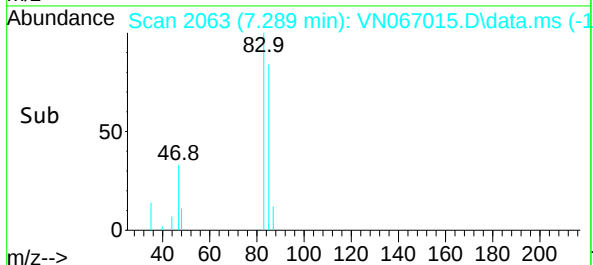
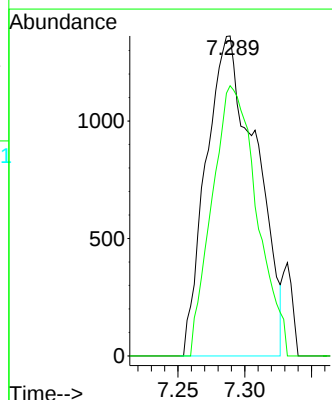
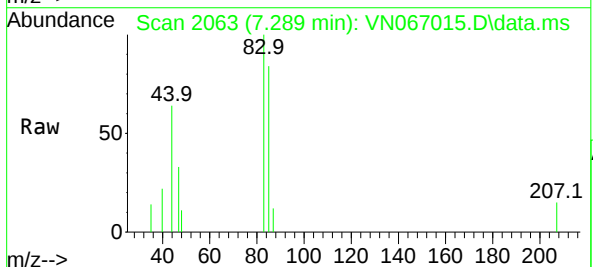
Instrument :
MSVOA_N
ClientSampleId :

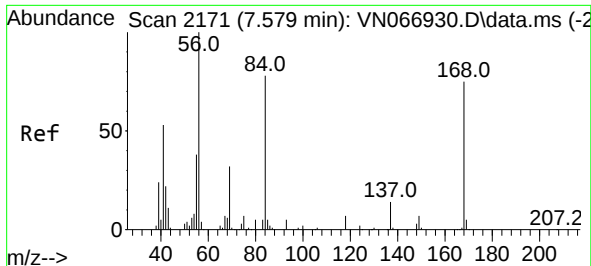
Tgt Ion: 43 Resp: 784
Ion Ratio Lower Upper
43 100
72 0.0 23.1 34.7#



#30
Chloroform
Concen: 0.33 ug/l
RT: 7.289 min Scan# 2063
Delta R.T. -0.003 min
Lab File: VN067015.D
Acq: 6 May 2021 17:12

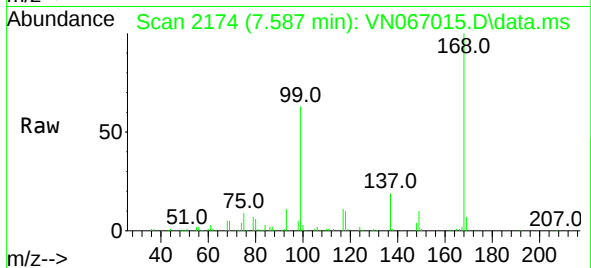
Tgt Ion: 83 Resp: 3553
Ion Ratio Lower Upper
83 100
85 84.4 52.6 78.8#



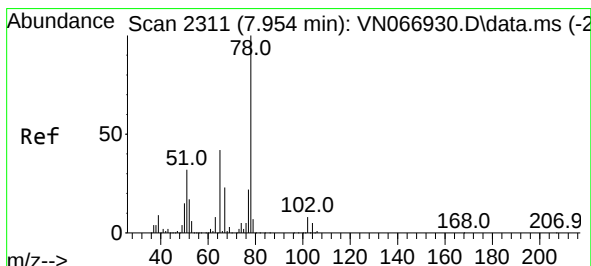
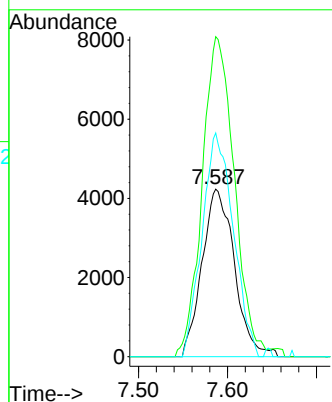
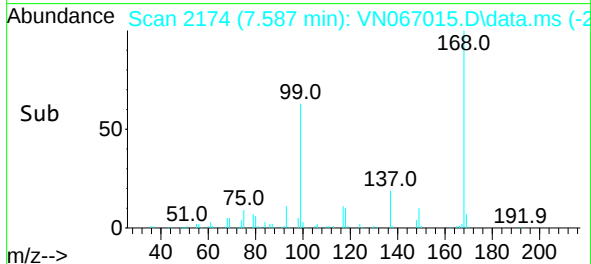


#31
Cyclohexane
Concen: 1.10 ug/l
RT: 7.587 min Scan# 2174
Delta R.T. 0.008 min
Lab File: VN067015.D
Acq: 6 May 2021 17:12

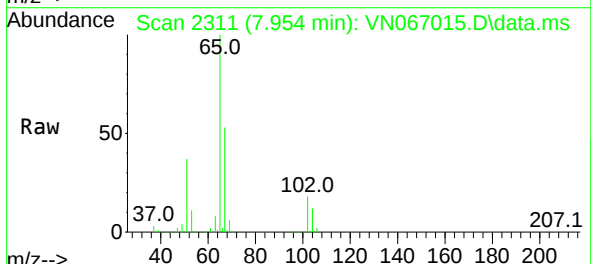
Instrument :
MSVOA_N
ClientSampleId :



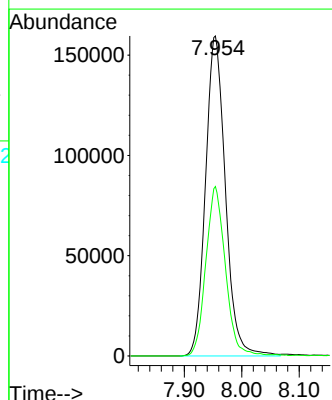
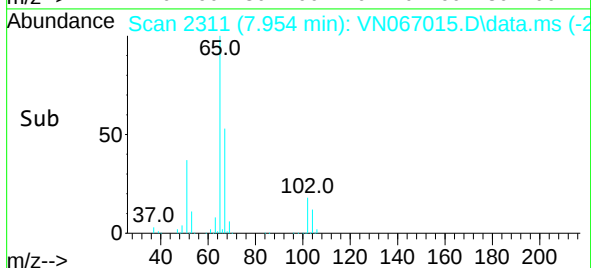
Tgt Ion: 56 Resp: 10709
Ion Ratio Lower Upper
56 100
69 186.5 26.6 39.8#
84 133.6 70.4 105.6#

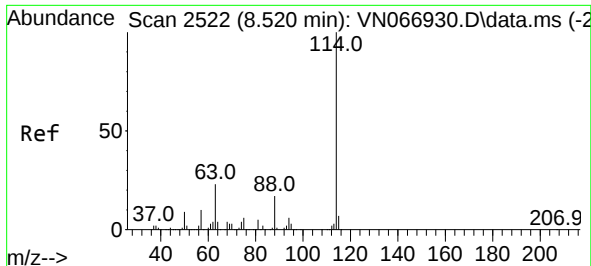


#33
1,2-Dichloroethane-d4
Concen: 55.62 ug/l
RT: 7.954 min Scan# 2311
Delta R.T. 0.000 min
Lab File: VN067015.D
Acq: 6 May 2021 17:12



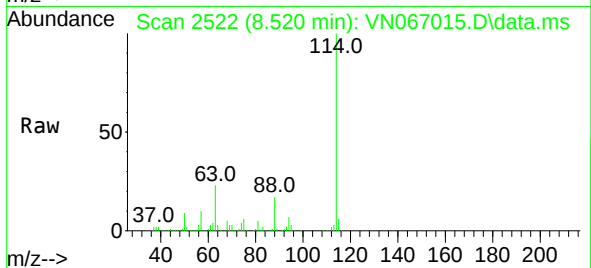
Tgt Ion: 65 Resp: 383521
Ion Ratio Lower Upper
65 100
67 52.0 0.0 107.2



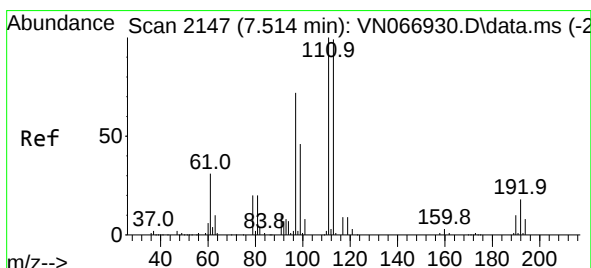
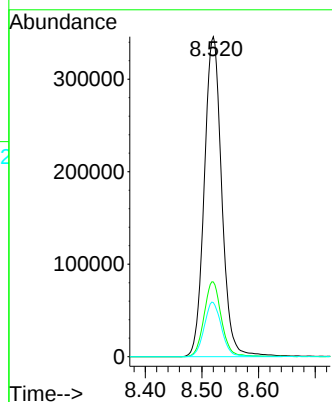
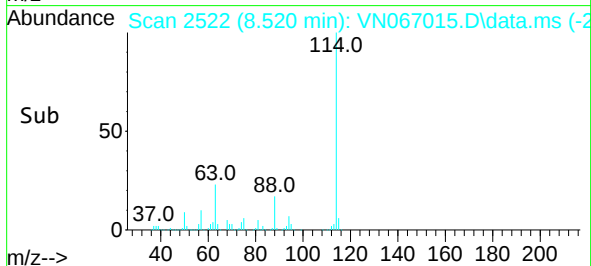


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.520 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VN067015.D
Acq: 6 May 2021 17:12

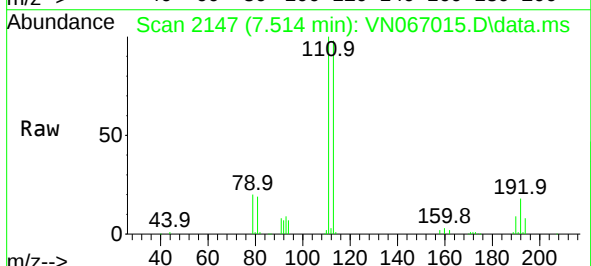
Instrument :
MSVOA_N
ClientSampleId :



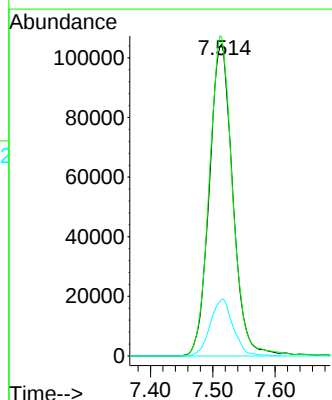
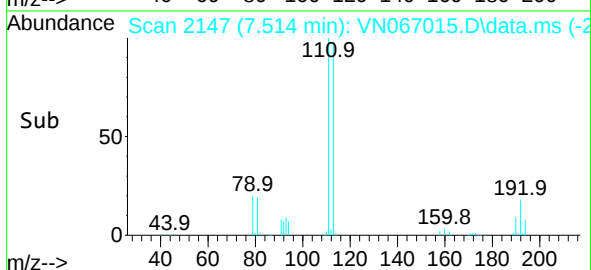
Tgt Ion:114 Resp: 739422
Ion Ratio Lower Upper
114 100
63 23.3 0.0 38.6
88 16.9 0.0 30.6

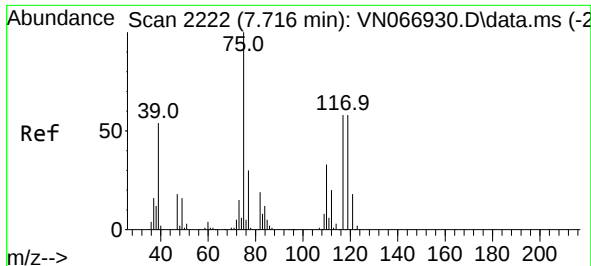


#35
Dibromofluoromethane
Concen: 54.37 ug/l
RT: 7.514 min Scan# 2147
Delta R.T. 0.000 min
Lab File: VN067015.D
Acq: 6 May 2021 17:12



Tgt Ion:113 Resp: 272981
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.2
192 17.8 15.4 23.0

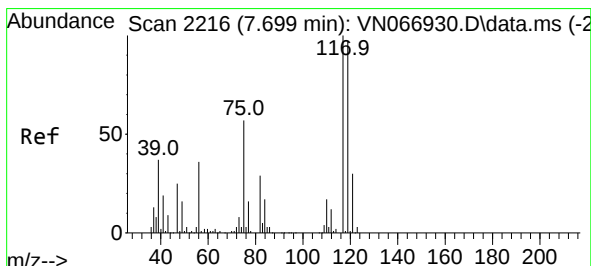
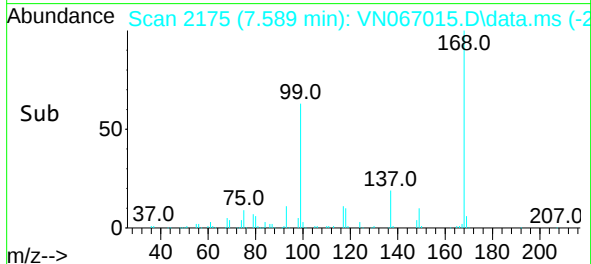
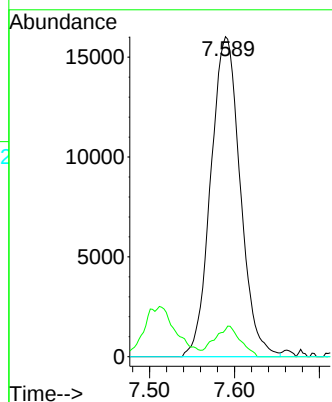
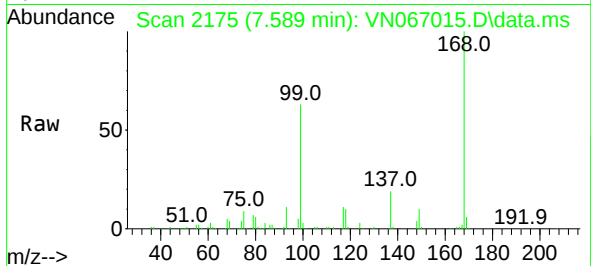




#36
1,1-Dichloropropene
Concen: 5.01 ug/l
RT: 7.589 min Scan# 2175
Delta R.T. -0.127 min
Lab File: VN067015.D
Acq: 6 May 2021 17:12

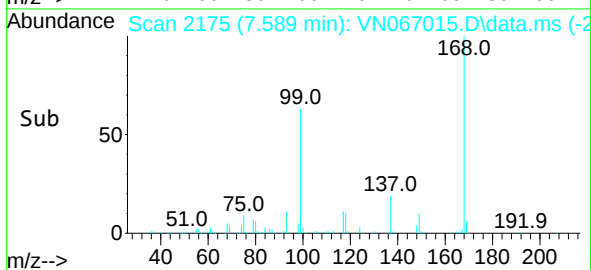
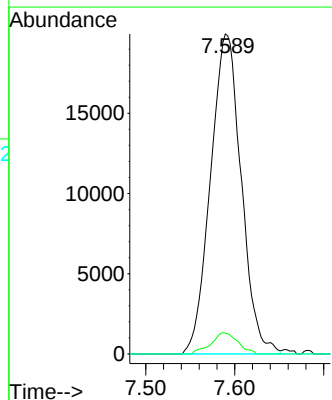
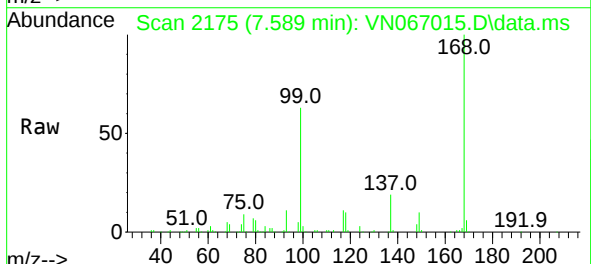
Instrument :
MSVOA_N
ClientSampleId :

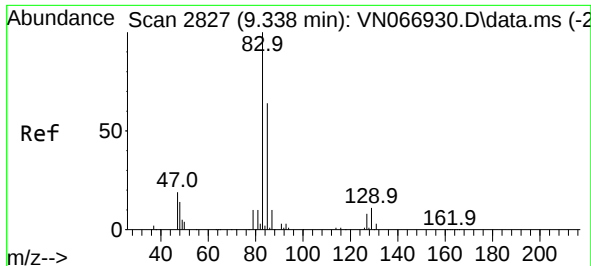
Tgt Ion: 75 Resp: 38581
Ion Ratio Lower Upper
75 100
110 8.4 18.2 54.6#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 5.96 ug/l
RT: 7.589 min Scan# 2175
Delta R.T. -0.110 min
Lab File: VN067015.D
Acq: 6 May 2021 17:12

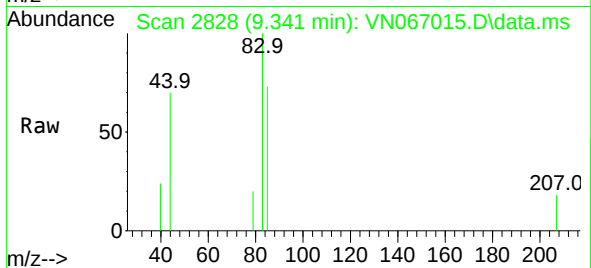
Tgt Ion: 117 Resp: 47864
Ion Ratio Lower Upper
117 100
119 6.5 76.0 114.0#
121 0.0 24.5 36.7#



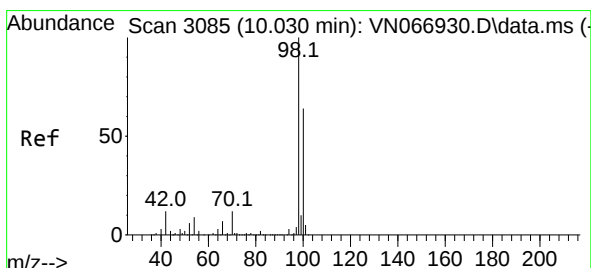
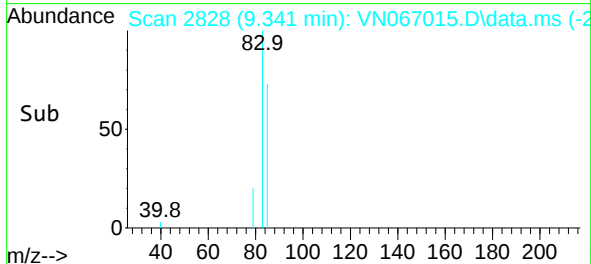
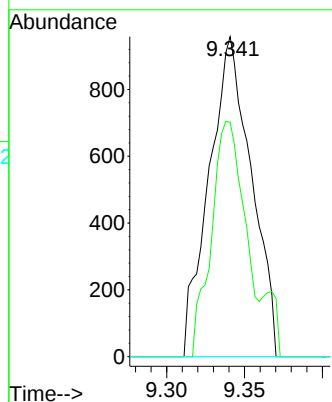


#47
Bromodichloromethane
Concen: 0.21 ug/l
RT: 9.341 min Scan# 2828
Delta R.T. 0.003 min
Lab File: VN067015.D
Acq: 6 May 2021 17:12

Instrument :
MSVOA_N
ClientSampled :

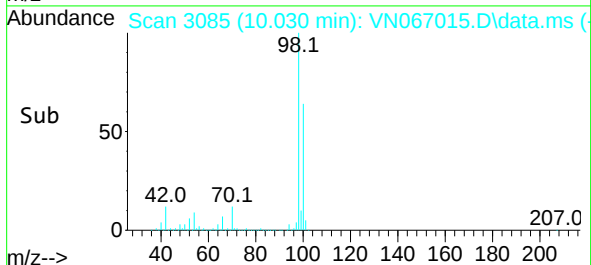
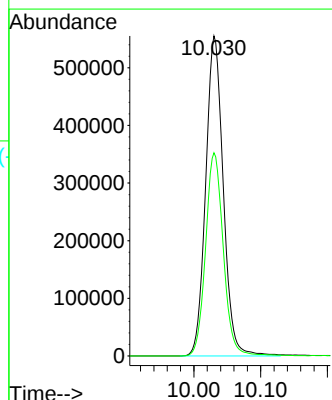
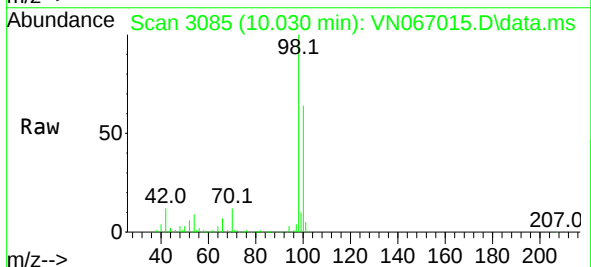


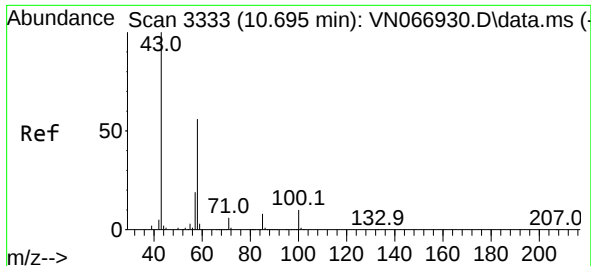
Tgt Ion: 83 Resp: 1805
Ion Ratio Lower Upper
83 100
85 73.3 51.0 76.4
127 0.0 7.0 10.6#



#50
Toluene-d8
Concen: 53.25 ug/l
RT: 10.030 min Scan# 3085
Delta R.T. -0.000 min
Lab File: VN067015.D
Acq: 6 May 2021 17:12

Tgt Ion: 98 Resp: 1018177
Ion Ratio Lower Upper
98 100
100 64.0 50.5 75.7

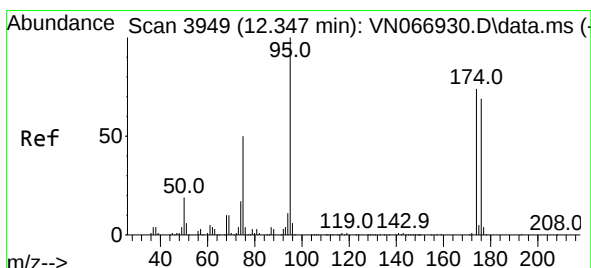
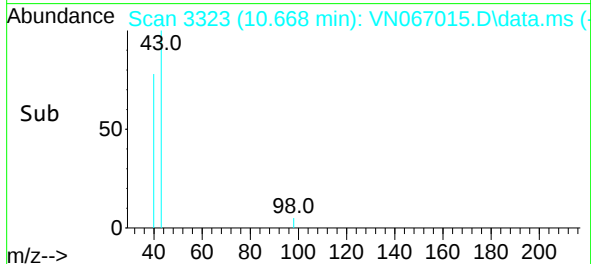
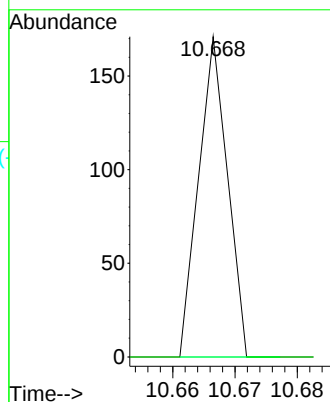
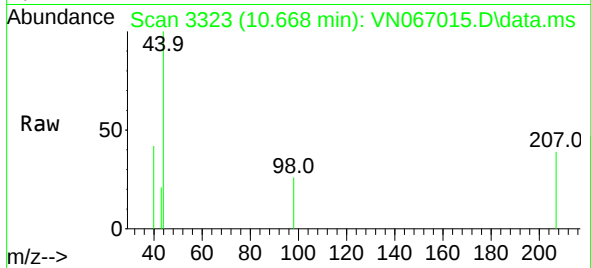




#59
2-Hexanone
Concen: 28.37 ug/l
RT: 10.668 min Scan# 3323
Delta R.T. -0.027 min
Lab File: VN067015.D
Acq: 6 May 2021 17:12

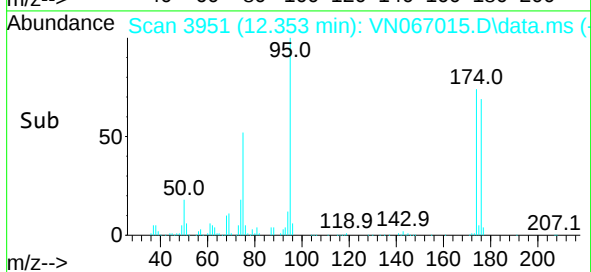
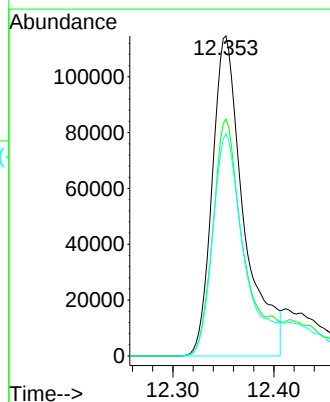
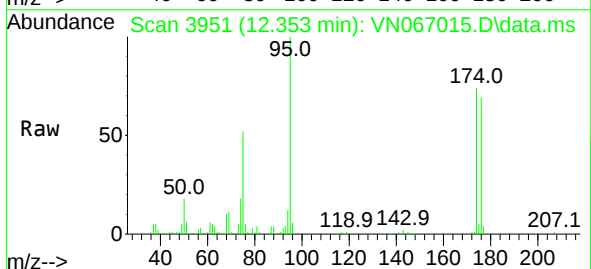
Instrument :
MSVOA_N
ClientSampleId :

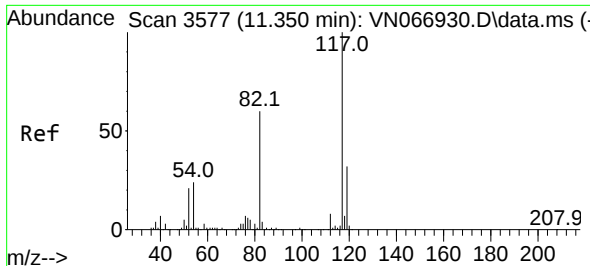
Tgt Ion: 43 Resp: 28
Ion Ratio Lower Upper
43 100
58 0.0 28.1 84.3#



#62
4-Bromofluorobenzene
Concen: 38.24 ug/l
RT: 12.353 min Scan# 3951
Delta R.T. 0.006 min
Lab File: VN067015.D
Acq: 6 May 2021 17:12

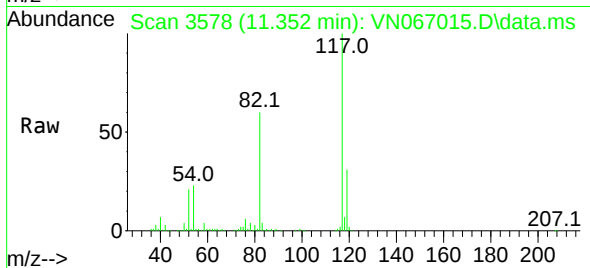
Tgt Ion: 95 Resp: 247591
Ion Ratio Lower Upper
95 100
174 68.9 0.0 169.0
176 70.7 0.0 162.4



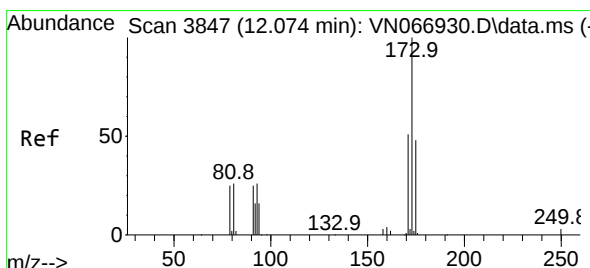
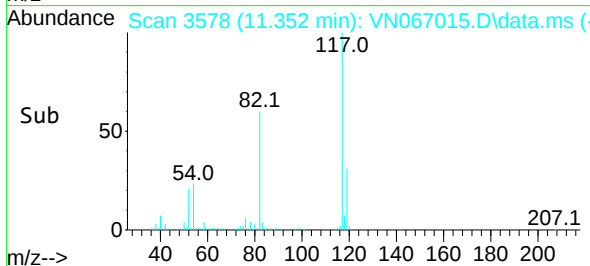
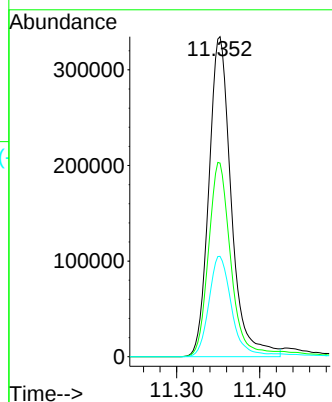


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.352 min Scan# 3578
Delta R.T. 0.002 min
Lab File: VN067015.D
Acq: 6 May 2021 17:12

Instrument :
MSVOA_N
ClientSampleId :

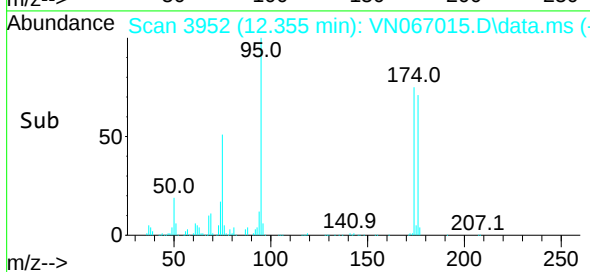
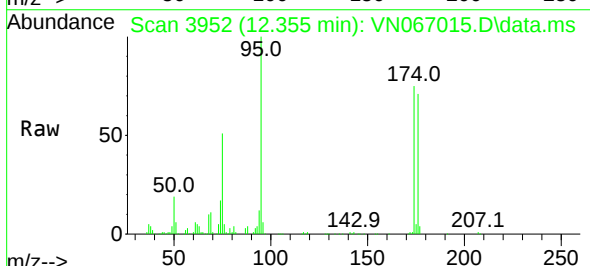
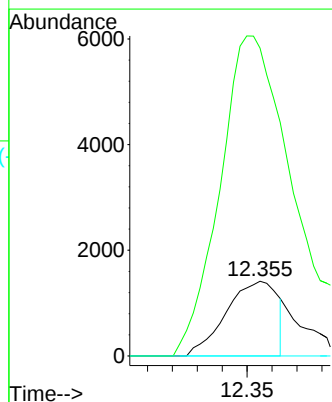


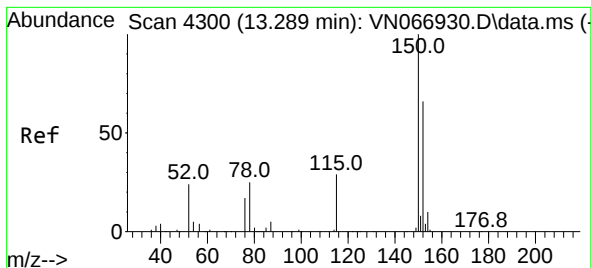
Tgt Ion:117 Resp: 626397
Ion Ratio Lower Upper
117 100
82 60.5 43.7 65.5
119 31.4 26.1 39.1



#71
Bromoform
Concen: 0.54 ug/l
RT: 12.355 min Scan# 3952
Delta R.T. 0.281 min
Lab File: VN067015.D
Acq: 6 May 2021 17:12

Tgt Ion:173 Resp: 2034
Ion Ratio Lower Upper
173 100
175 458.4 23.8 71.2#
254 0.0 0.0 0.0

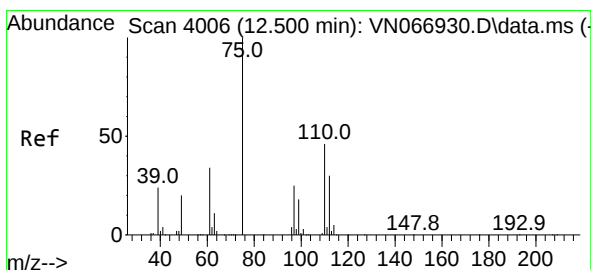
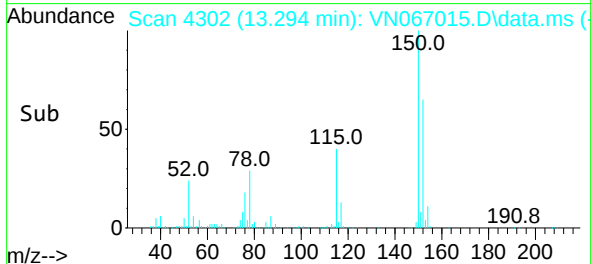
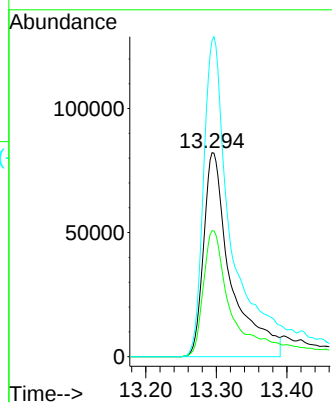
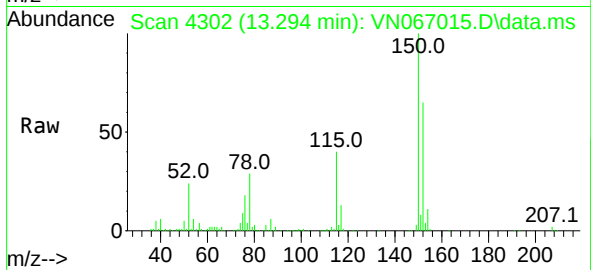




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.294 min Scan# 4302
Delta R.T. 0.005 min
Lab File: VN067015.D
Acq: 6 May 2021 17:12

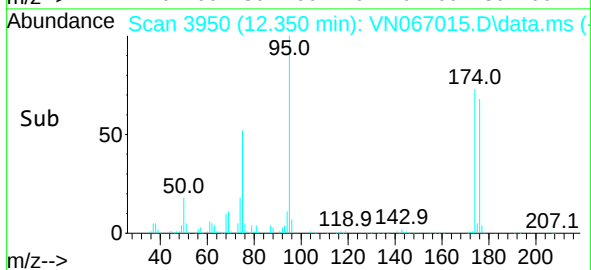
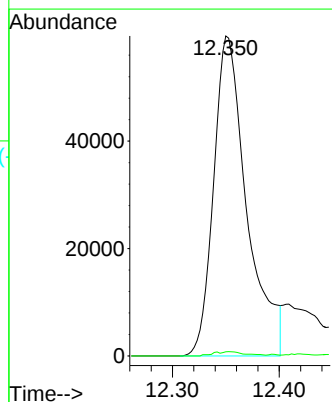
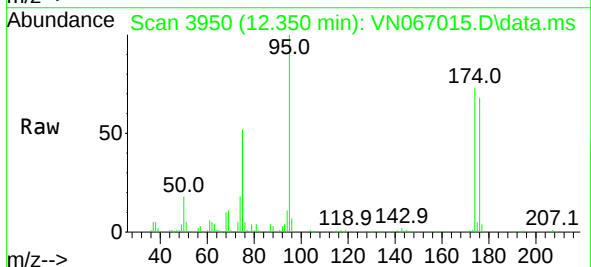
Instrument :
MSVOA_N
ClientSampleId :

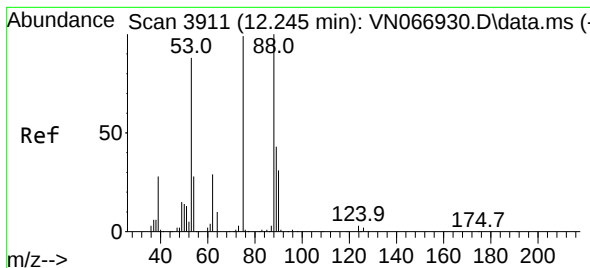
Tgt Ion:152 Resp: 221451
Ion Ratio Lower Upper
152 100
115 57.8 28.5 85.6
150 163.9 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 24.34 ug/l
RT: 12.350 min Scan# 3950
Delta R.T. -0.150 min
Lab File: VN067015.D
Acq: 6 May 2021 17:12

Tgt Ion: 75 Resp: 128408
Ion Ratio Lower Upper
75 100
77 0.7 0.0 0.0#

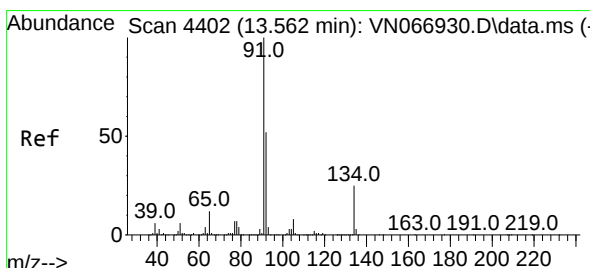
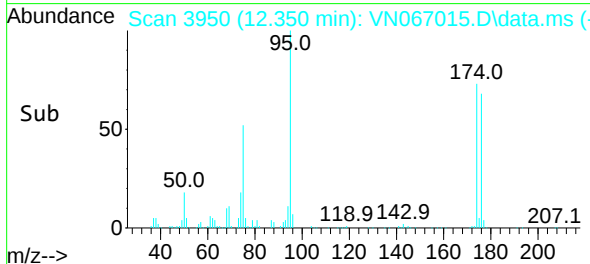
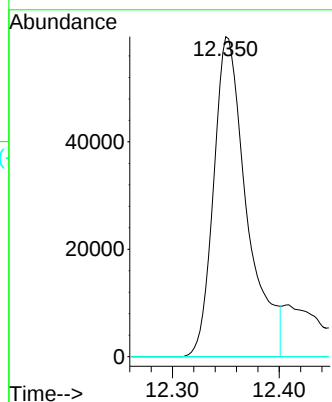
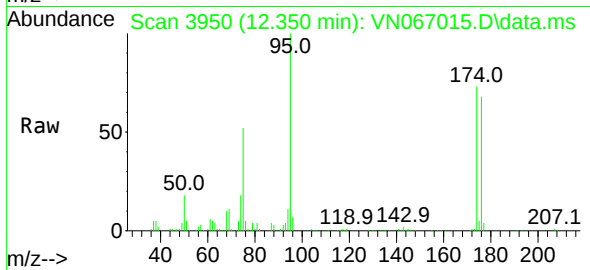




#81
trans-1,4-Dichloro-2-butene
Concen: 73.39 ug/l
RT: 12.350 min Scan# 3950
Delta R.T. 0.105 min
Lab File: VN067015.D
Acq: 6 May 2021 17:12

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 128408
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#



#89
n-Butylbenzene
Concen: 5.24 ug/l
RT: 13.353 min Scan# 4324
Delta R.T. -0.209 min
Lab File: VN067015.D
Acq: 6 May 2021 17:12

Tgt Ion: 91 Resp: 25
Ion Ratio Lower Upper
91 100
92 0.0 26.1 78.3#
134 108.0 13.0 38.9#

