

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050621\
 Data File : VN067006.D
 Acq On : 6 May 2021 13:41
 Operator : JC/MD
 Sample : PB136189TB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 07 04:07:01 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)

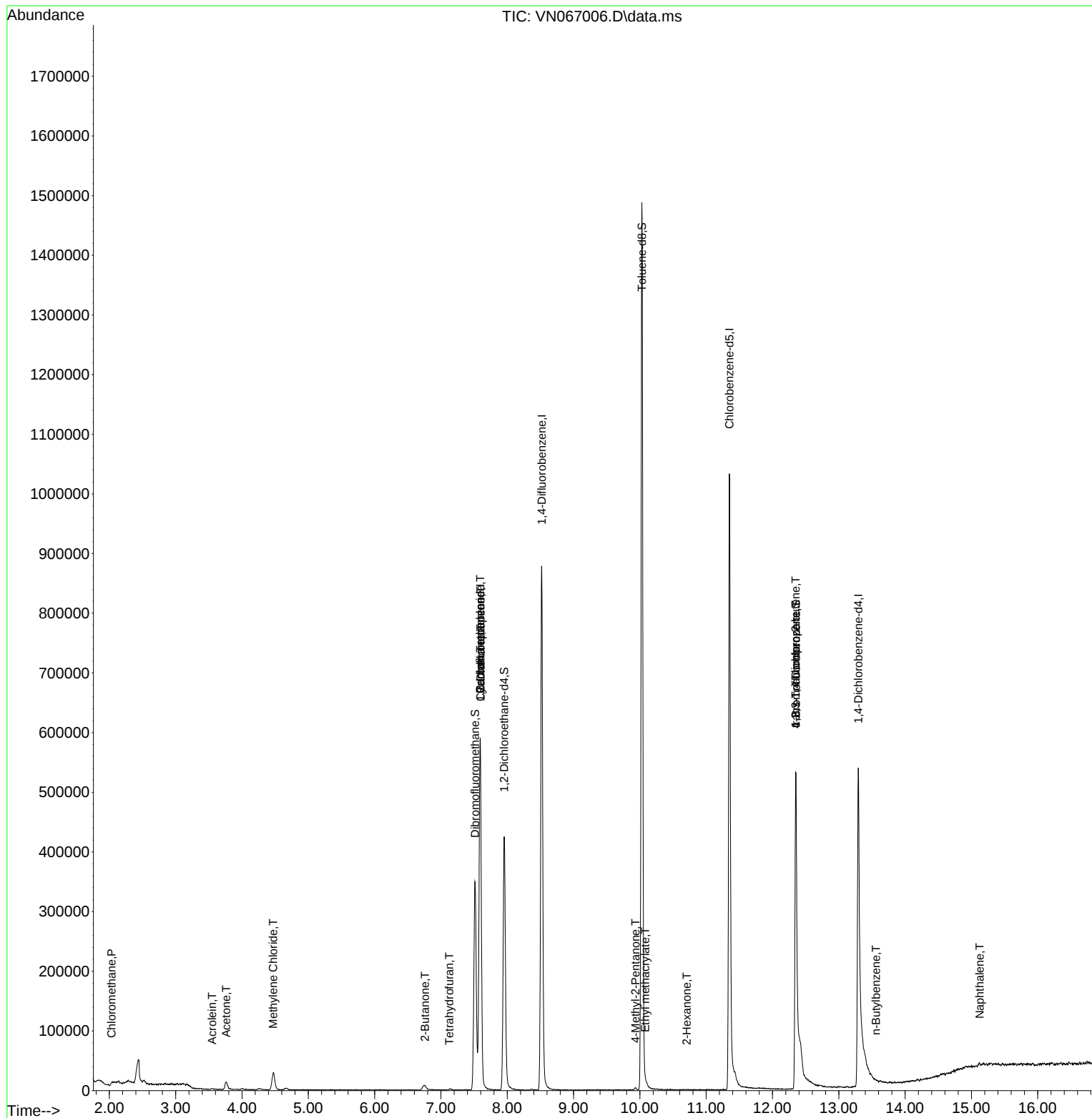
Internal Standards						
1) Pentafluorobenzene	7.592	168	448467	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.520	114	758794	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	650908	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.294	152	197446	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.954	65	386106	54.70	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 109.40%			
35) Dibromofluoromethane	7.514	113	269297	52.26	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.52%			
50) Toluene-d8	10.030	98	1026498	52.31	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.62%			
62) 4-Bromofluorobenzene	12.353	95	239210	36.00	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 72.00%			
Target Compounds						Qvalue
3) Chloromethane	2.033	50	1941	0.22	ug/l	# 78
13) Acrolein	3.551	56	1017	1.23	ug/l	99
16) Acetone	3.760	43	20805	8.38	ug/l	98
20) Methylene Chloride	4.470	84	21389	3.40	ug/l	# 90
25) 2-Butanone	6.761	43	2430	0.66	ug/l	91
29) Tetrahydrofuran	7.128	42	575	0.24	ug/l	# 51
31) Cyclohexane	7.595	56	10659	1.07	ug/l	# 1
36) 1,1-Dichloropropene	7.595	75	40160	5.08	ug/l	# 49
38) Carbon Tetrachloride	7.592	117	48644	5.90	ug/l	# 16
51) 4-Methyl-2-Pentanone	9.934	43	3066	0.41	ug/l	# 59
56) Ethyl methacrylate	10.081	69	25	5.19	ug/l	# 1
59) 2-Hexanone	10.706	43	25	28.37	ug/l	# 23
76) 1,2,3-Trichloropropane	12.350	75	123977	26.36	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.350	75	123977	79.02	ug/l	# 12
89) n-Butylbenzene	13.562	91	24	5.24	ug/l	# 34
95) Naphthalene	15.126	128	3641	0.42	ug/l	# 81

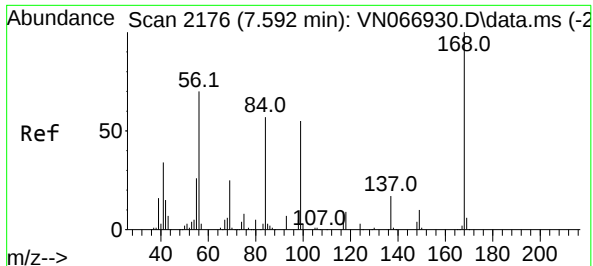
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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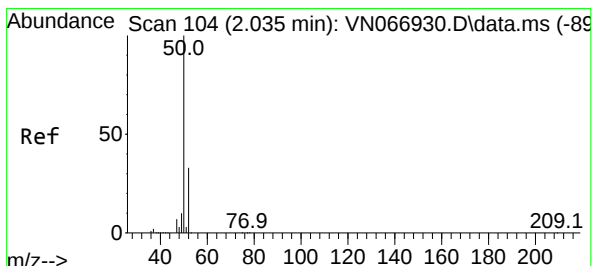
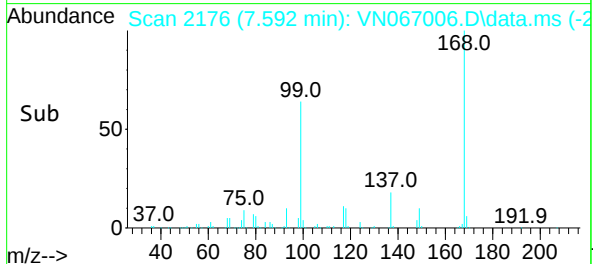
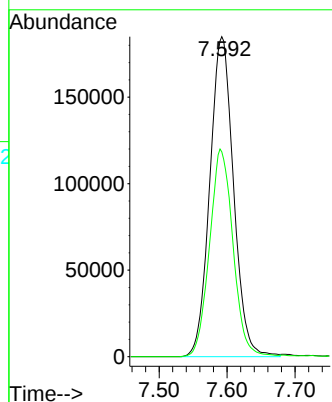
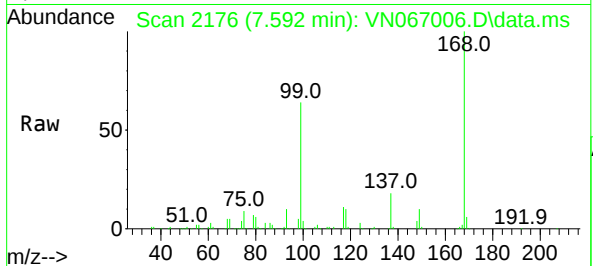




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.592 min Scan# 2176
Delta R.T. 0.000 min
Lab File: VN067006.D
Acq: 6 May 2021 13:41

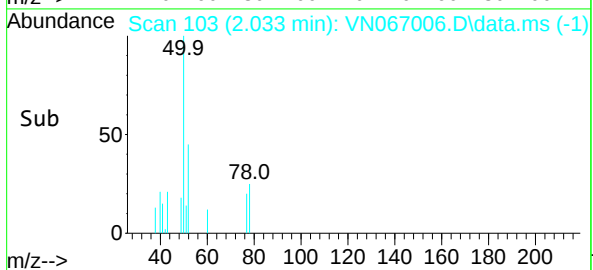
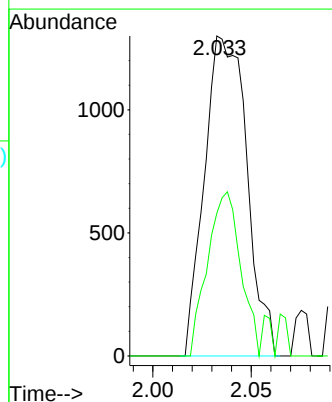
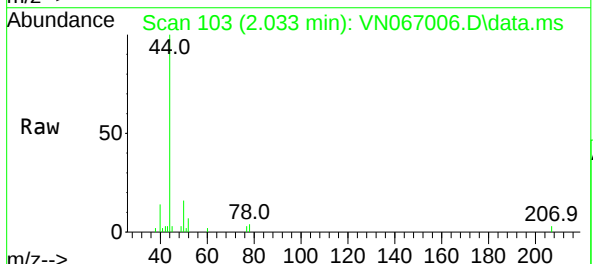
Instrument :
MSVOA_N
ClientSampled :

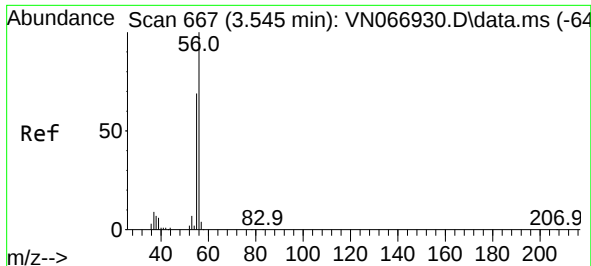
Tgt Ion:168 Resp: 448467
Ion Ratio Lower Upper
168 100
99 64.0 42.6 63.8#



#3
Chloromethane
Concen: 0.22 ug/l
RT: 2.033 min Scan# 103
Delta R.T. -0.002 min
Lab File: VN067006.D
Acq: 6 May 2021 13:41

Tgt Ion: 50 Resp: 1941
Ion Ratio Lower Upper
50 100
52 44.6 25.8 38.8#

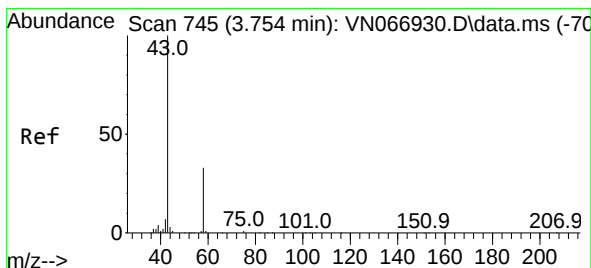
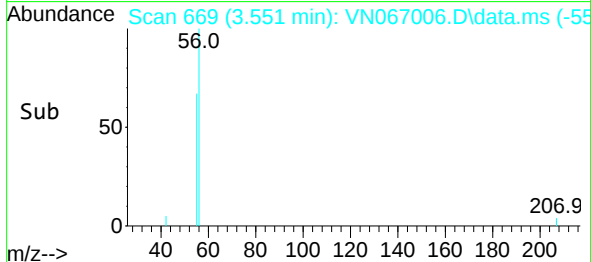
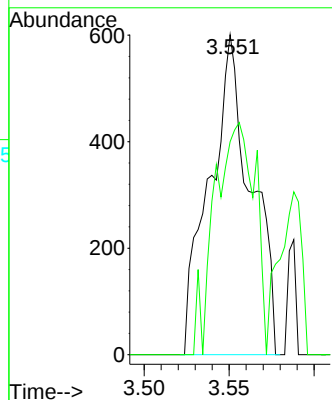
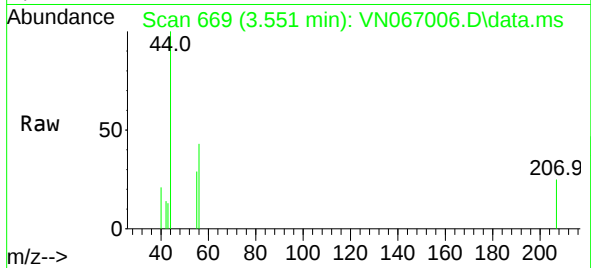




#13
Acrolein
Concen: 1.23 ug/l
RT: 3.551 min Scan# 669
Delta R.T. 0.006 min
Lab File: VN067006.D
Acq: 6 May 2021 13:41

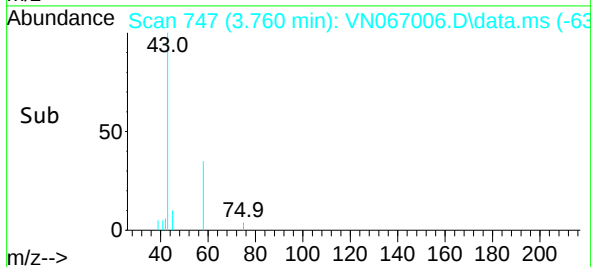
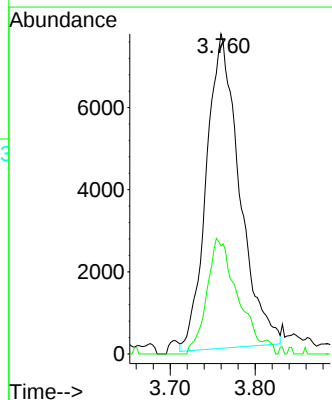
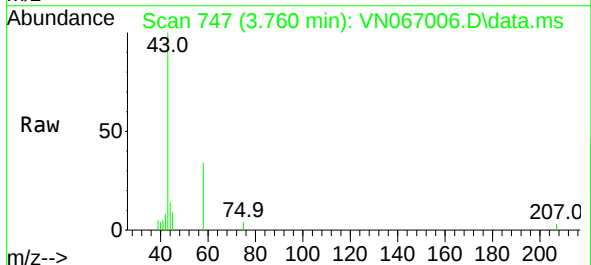
Instrument :
MSVOA_N
ClientSampled :

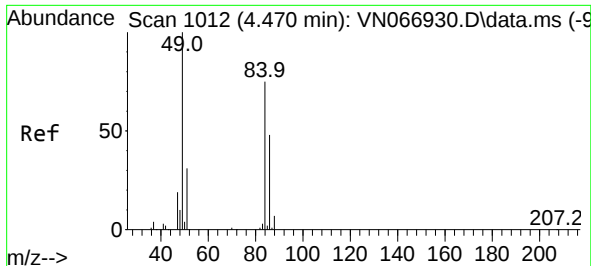
Tgt Ion: 56 Resp: 1017
Ion Ratio Lower Upper
56 100
55 70.7 56.0 84.0



#16
Acetone
Concen: 8.38 ug/l
RT: 3.760 min Scan# 747
Delta R.T. 0.006 min
Lab File: VN067006.D
Acq: 6 May 2021 13:41

Tgt Ion: 43 Resp: 20805
Ion Ratio Lower Upper
43 100
58 34.9 27.0 40.6





#20

Methylene Chloride

Concen: 3.40 ug/l

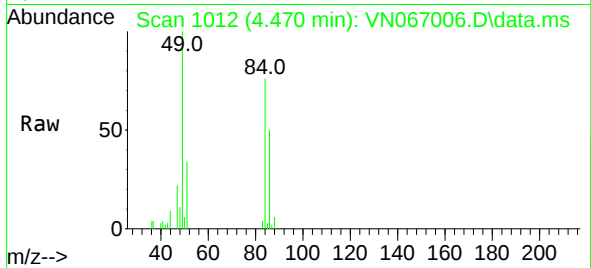
RT: 4.470 min Scan# 1012

Delta R.T. 0.000 min

Lab File: VN067006.D

Acq: 6 May 2021 13:41

Instrument :
MSVOA_N
ClientSampled :



Tgt Ion: 84 Resp: 21389

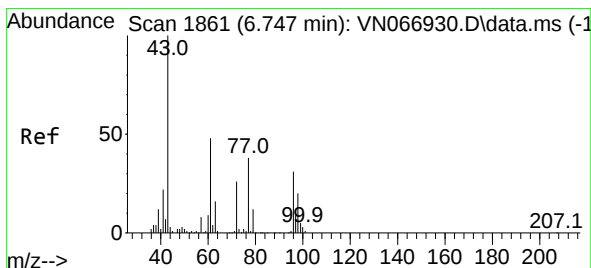
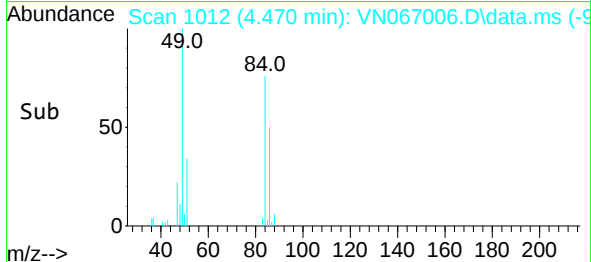
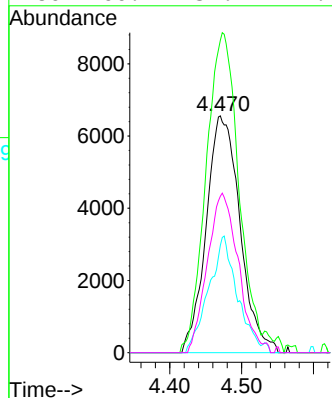
Ion Ratio Lower Upper

84 100

49 132.0 94.6 141.8

51 45.3 29.9 44.9#

86 66.1 51.4 77.2



#25

2-Butanone

Concen: 0.66 ug/l

RT: 6.761 min Scan# 1866

Delta R.T. 0.014 min

Lab File: VN067006.D

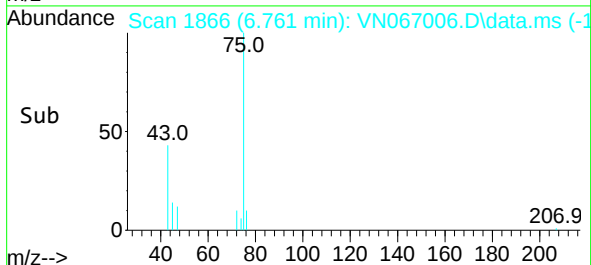
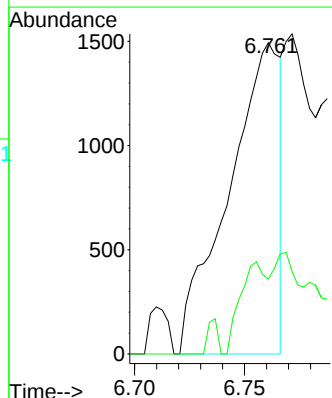
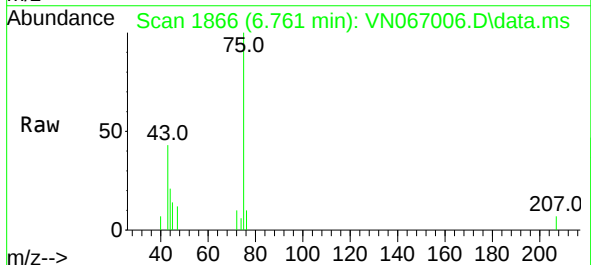
Acq: 6 May 2021 13:41

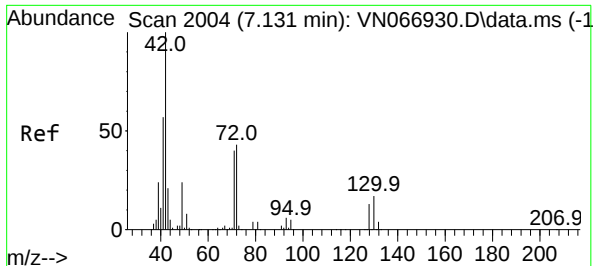
Tgt Ion: 43 Resp: 2430

Ion Ratio Lower Upper

43 100

72 24.0 23.1 34.7





#29

Tetrahydrofuran

Concen: 0.24 ug/l

RT: 7.128 min Scan# 2003

Delta R.T. -0.003 min

Lab File: VN067006.D

Acq: 6 May 2021 13:41

Tgt Ion: 42 Resp: 575

Ion Ratio Lower Upper

42 100

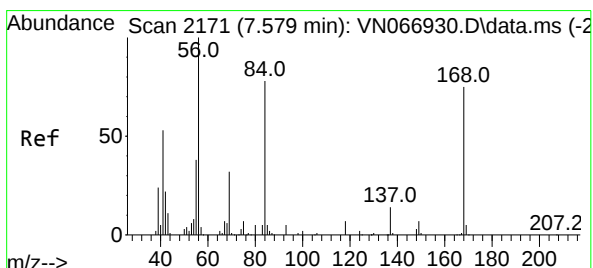
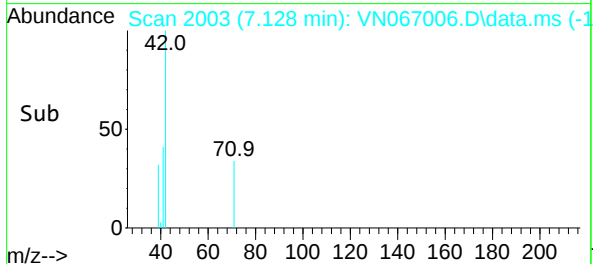
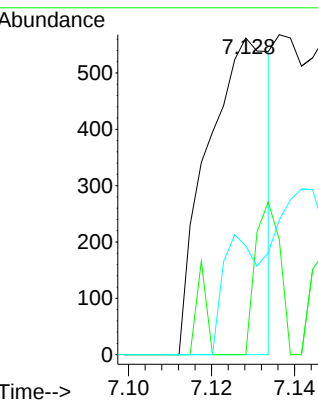
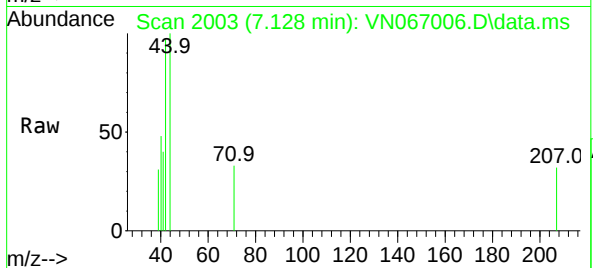
72 4.7 36.6 55.0#

71 20.3 34.3 51.5#

Instrument :

MSVOA_N

ClientSampled :



#31

Cyclohexane

Concen: 1.07 ug/l

RT: 7.595 min Scan# 2177

Delta R.T. 0.016 min

Lab File: VN067006.D

Acq: 6 May 2021 13:41

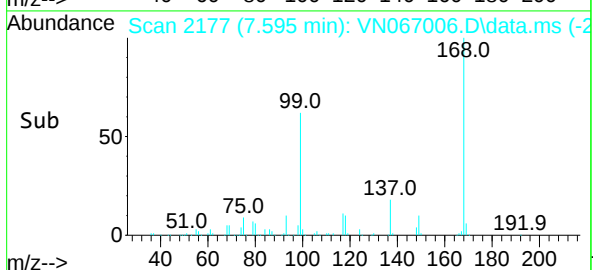
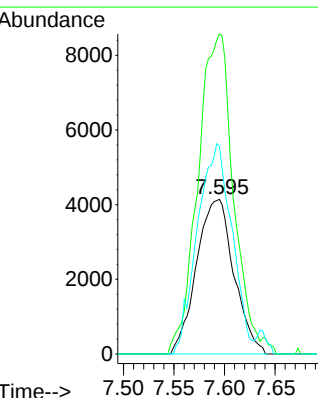
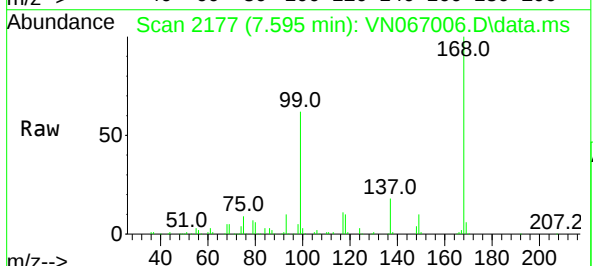
Tgt Ion: 56 Resp: 10659

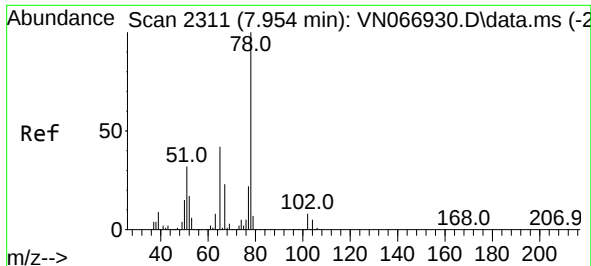
Ion Ratio Lower Upper

56 100

69 207.0 26.6 39.8#

84 134.6 70.4 105.6#

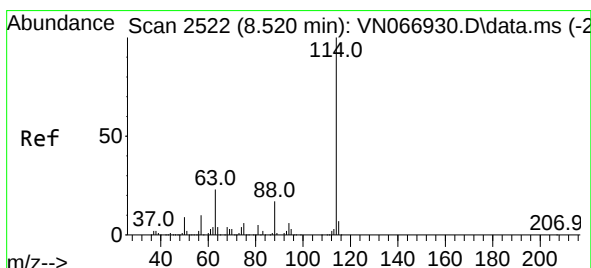
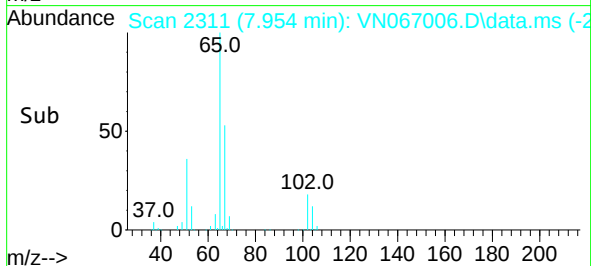
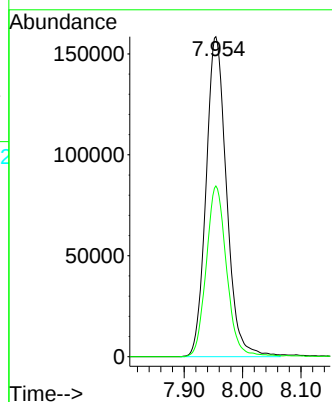
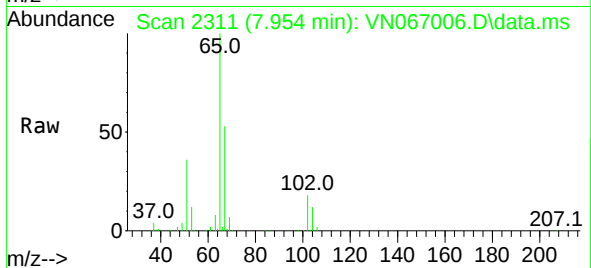




#33
 1,2-Dichloroethane-d4
 Concen: 54.70 ug/l
 RT: 7.954 min Scan# 2311
 Delta R.T. 0.000 min
 Lab File: VN067006.D
 Acq: 6 May 2021 13:41

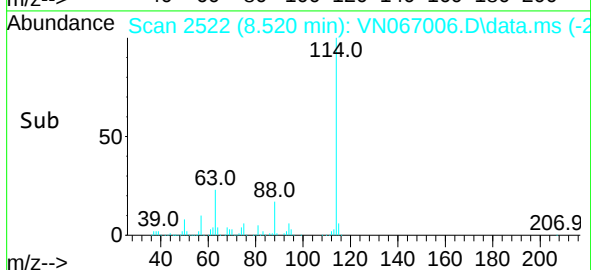
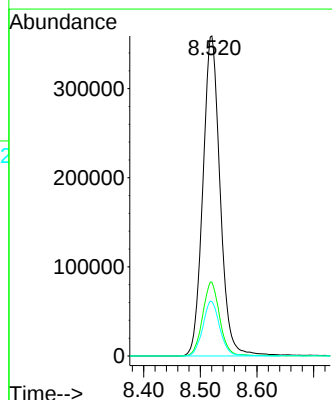
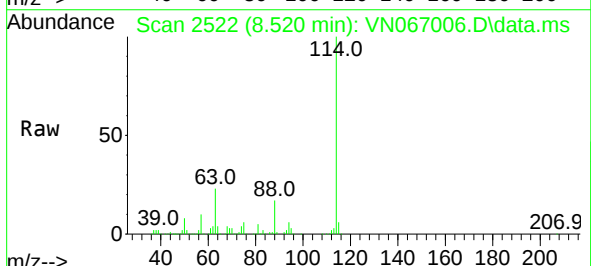
Instrument :
 MSVOA_N
 ClientSampled :

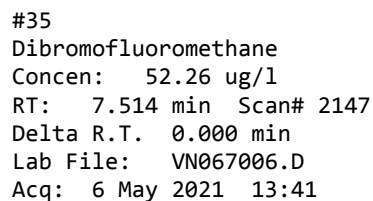
Tgt Ion: 65 Resp: 386106
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 107.2



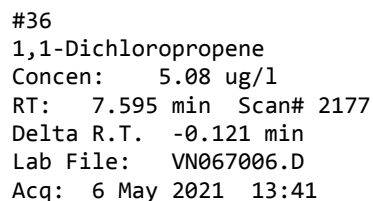
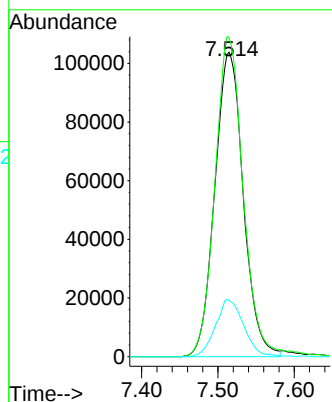
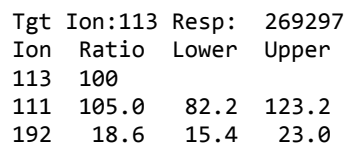
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.520 min Scan# 2522
 Delta R.T. 0.000 min
 Lab File: VN067006.D
 Acq: 6 May 2021 13:41

Tgt Ion: 114 Resp: 758794
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 38.6
 88 17.0 0.0 30.6

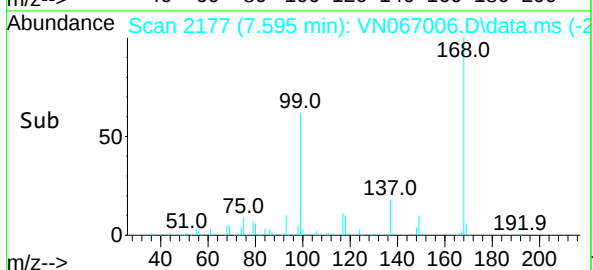
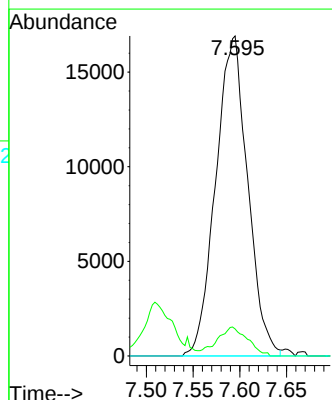


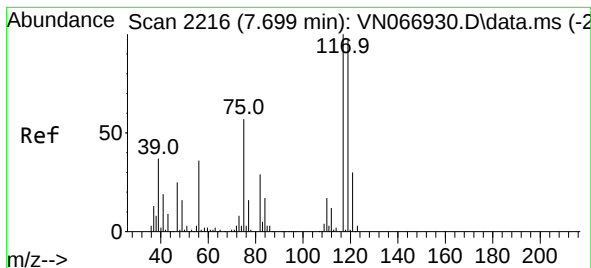


Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75	Resp: 40160
Ion Ratio Lower	Upper
75 100	
110 8.6	18.2 54.6#
77 0.0	24.9 37.3#





#38

Carbon Tetrachloride

Concen: 5.90 ug/l

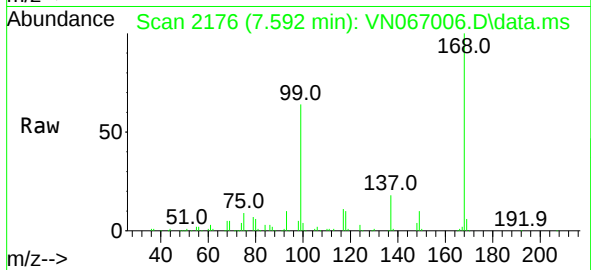
RT: 7.592 min Scan# 2176

Delta R.T. -0.107 min

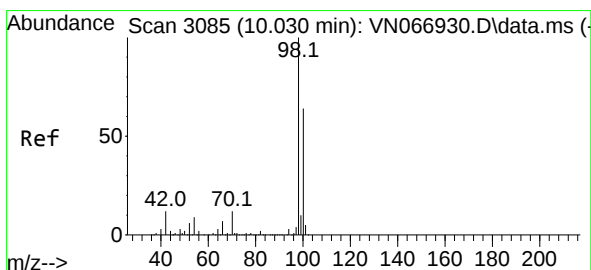
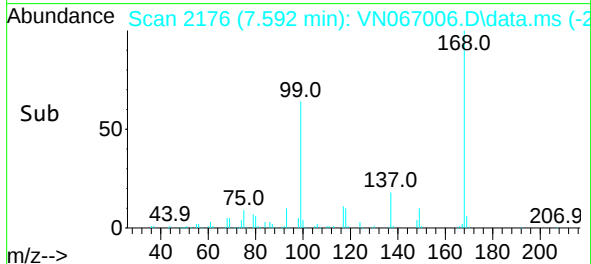
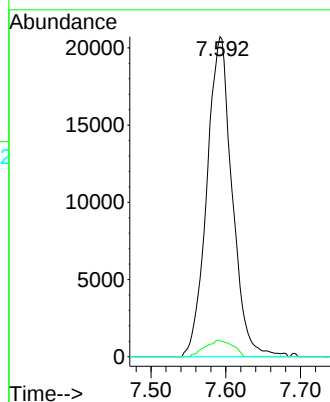
Lab File: VN067006.D

Acq: 6 May 2021 13:41

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	117	Resp:	48644
Ion	Ratio	Lower	Upper
117	100		
119	5.0	76.0	114.0#
121	0.0	24.5	36.7#



#50

Toluene-d8

Concen: 52.31 ug/l

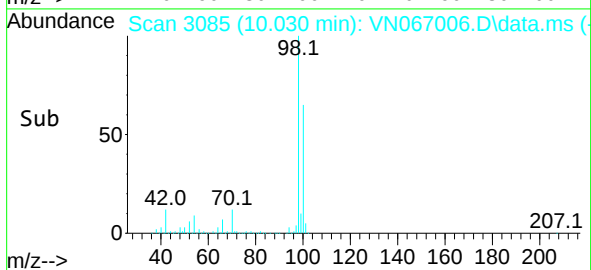
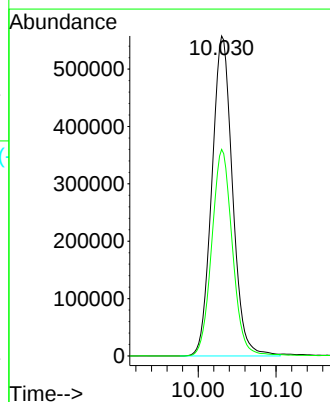
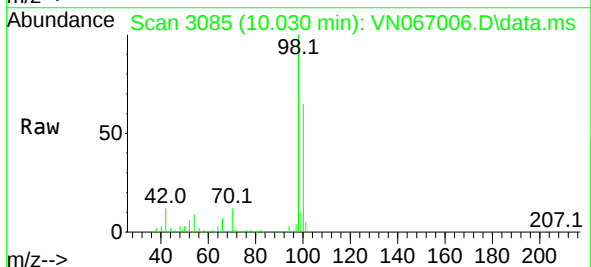
RT: 10.030 min Scan# 3085

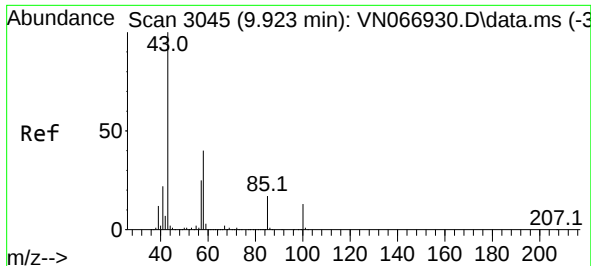
Delta R.T. 0.000 min

Lab File: VN067006.D

Acq: 6 May 2021 13:41

Tgt Ion:	98	Resp:	1026498
Ion	Ratio	Lower	Upper
98	100		
100	64.7	50.5	75.7

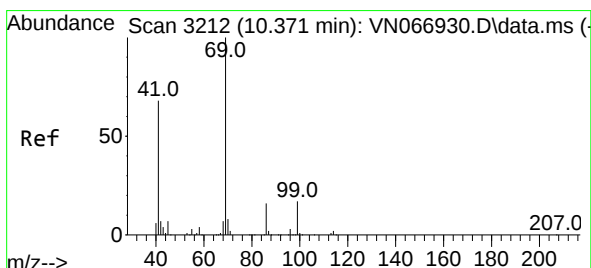
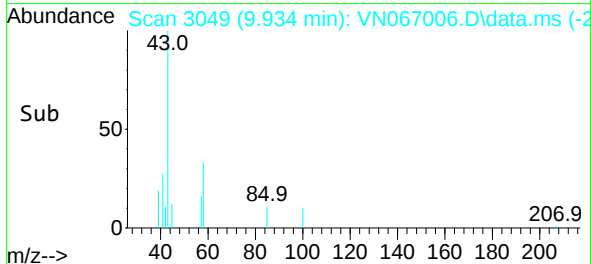
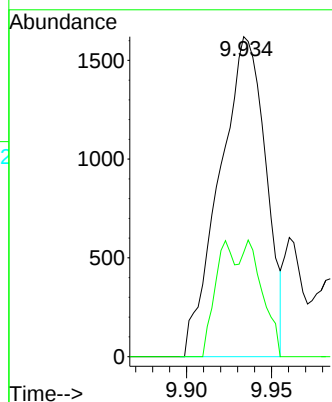
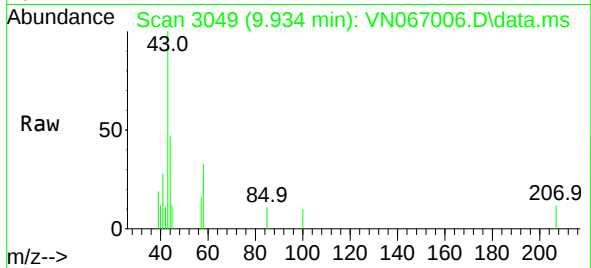




#51
4-Methyl-2-Pentanone
Concen: 0.41 ug/l
RT: 9.934 min Scan# 3049
Delta R.T. 0.011 min
Lab File: VN067006.D
Acq: 6 May 2021 13:41

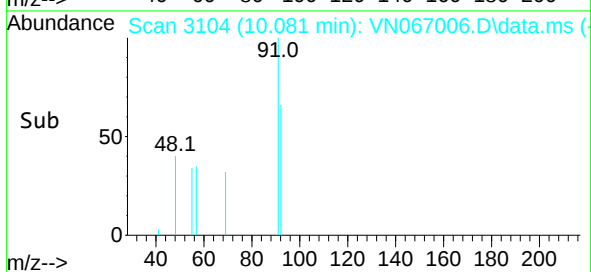
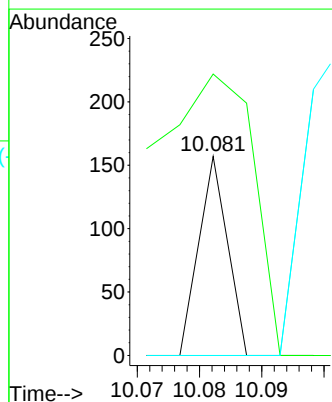
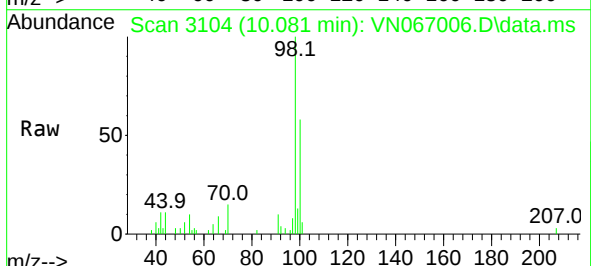
Instrument :
MSVOA_N
ClientSampled :

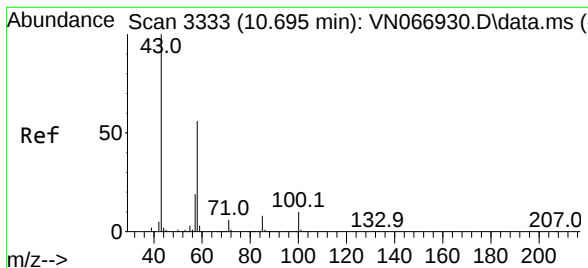
Tgt Ion: 43 Resp: 3066
Ion Ratio Lower Upper
43 100
58 15.3 32.5 48.7#



#56
Ethyl methacrylate
Concen: 5.19 ug/l
RT: 10.081 min Scan# 3104
Delta R.T. -0.290 min
Lab File: VN067006.D
Acq: 6 May 2021 13:41

Tgt Ion: 69 Resp: 25
Ion Ratio Lower Upper
69 100
41 388.0 49.6 74.4#
39 0.0 28.0 42.0#

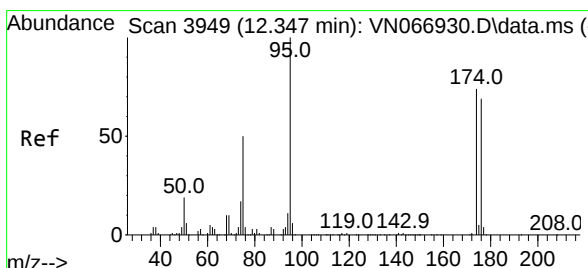
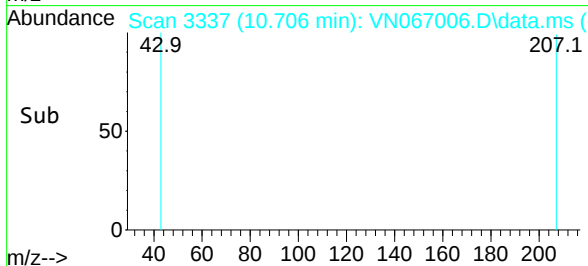
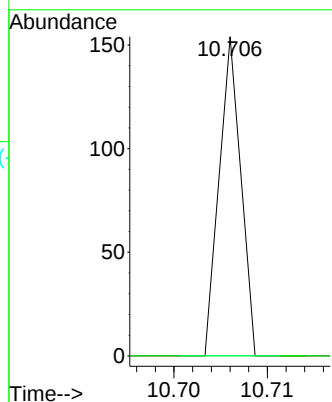
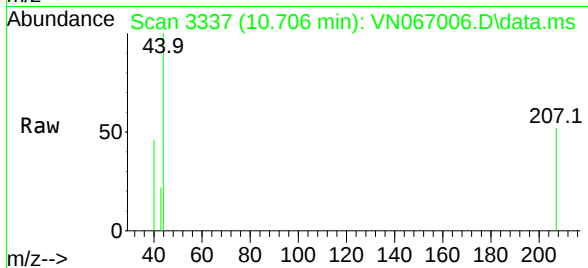




#59
2-Hexanone
Concen: 28.37 ug/l
RT: 10.706 min Scan# 3337
Delta R.T. 0.011 min
Lab File: VN067006.D
Acq: 6 May 2021 13:41

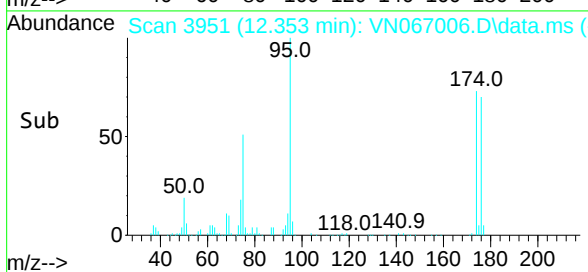
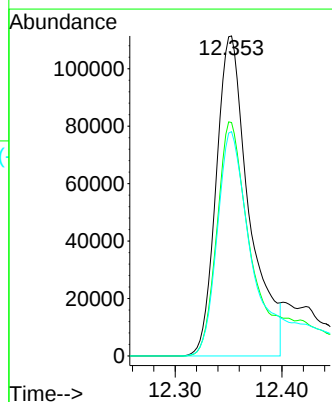
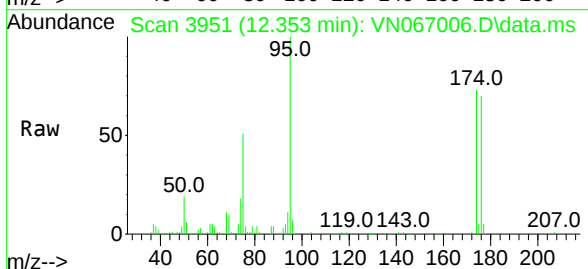
Instrument :
MSVOA_N
ClientSampled :

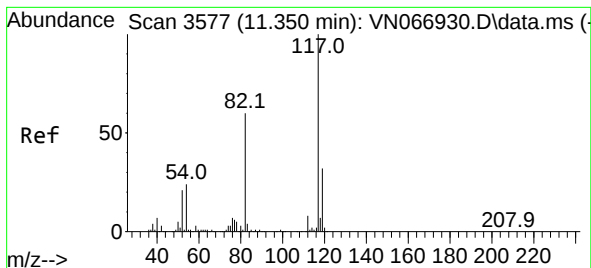
Tgt Ion: 43 Resp: 25
Ion Ratio Lower Upper
43 100
58 0.0 28.1 84.3#



#62
4-Bromofluorobenzene
Concen: 36.00 ug/l
RT: 12.353 min Scan# 3951
Delta R.T. 0.006 min
Lab File: VN067006.D
Acq: 6 May 2021 13:41

Tgt Ion: 95 Resp: 239210
Ion Ratio Lower Upper
95 100
174 89.2 0.0 169.0
176 88.3 0.0 162.4

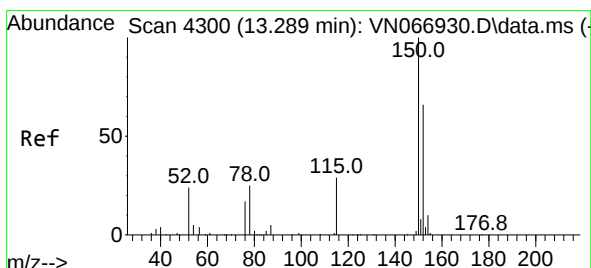
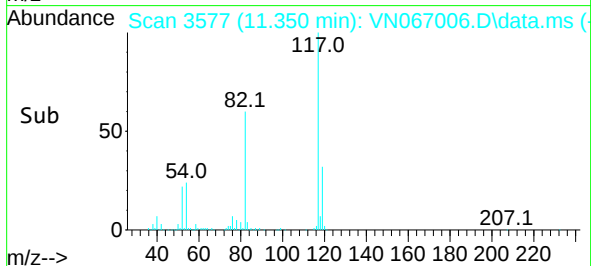
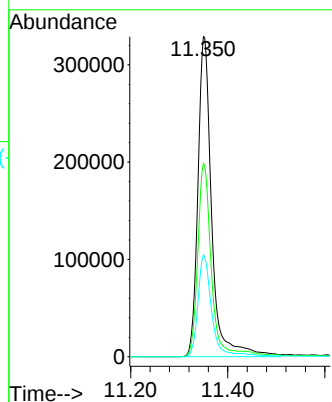
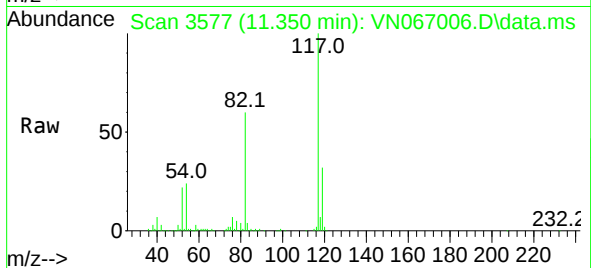




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.350 min Scan# 3577
Delta R.T. -0.000 min
Lab File: VN067006.D
Acq: 6 May 2021 13:41

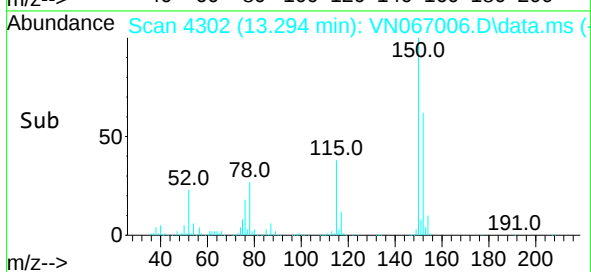
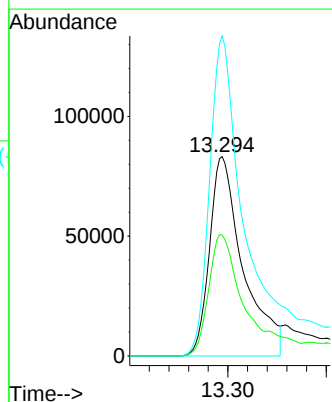
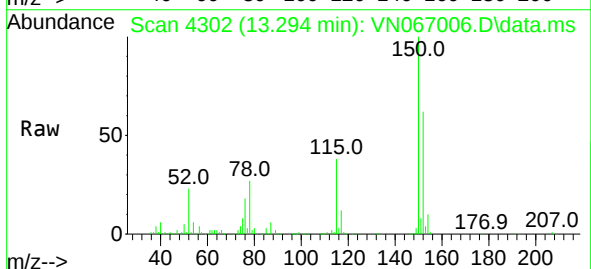
Instrument :
MSVOA_N
ClientSampled :

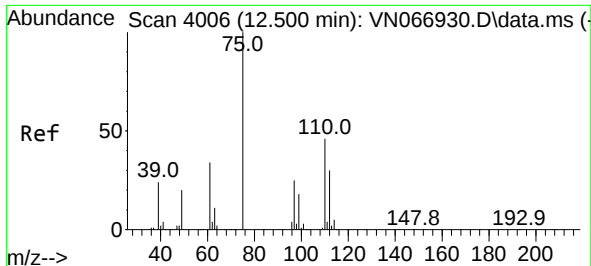
Tgt Ion:117 Resp: 650908
Ion Ratio Lower Upper
117 100
82 60.4 43.7 65.5
119 31.8 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.294 min Scan# 4302
Delta R.T. 0.005 min
Lab File: VN067006.D
Acq: 6 May 2021 13:41

Tgt Ion:152 Resp: 197446
Ion Ratio Lower Upper
152 100
115 66.8 28.5 85.6
150 187.5 0.0 347.6

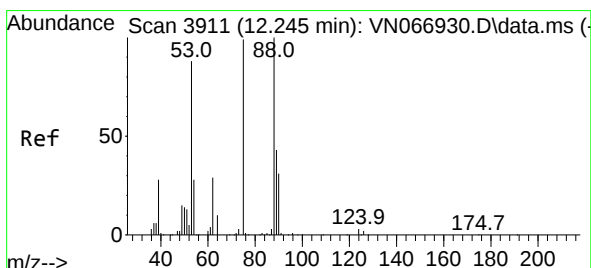
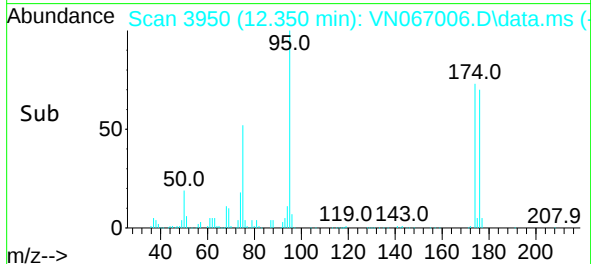
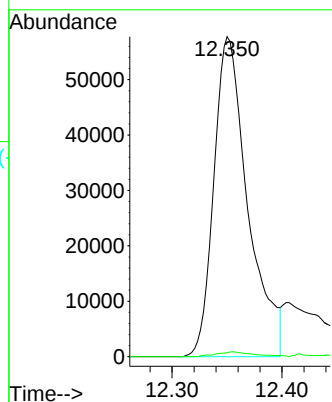
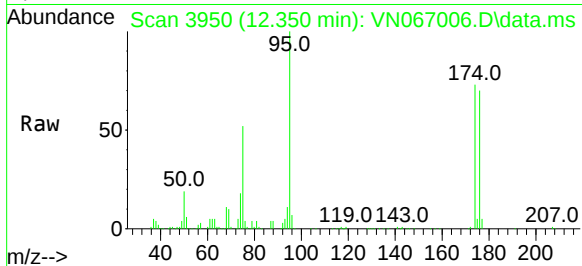




#76
1,2,3-Trichloropropane
Concen: 26.36 ug/l
RT: 12.350 min Scan# 3950
Delta R.T. -0.150 min
Lab File: VN067006.D
Acq: 6 May 2021 13:41

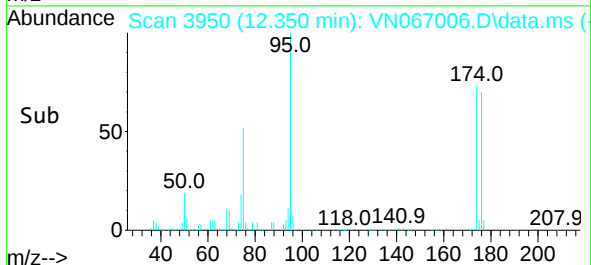
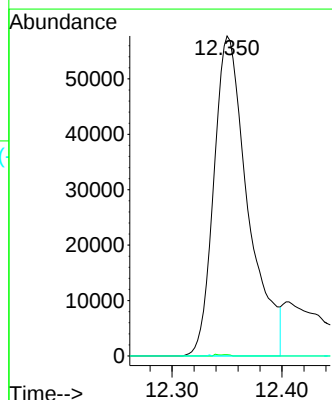
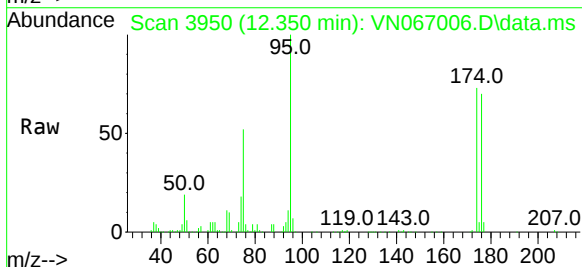
Instrument :
MSVOA_N
ClientSampled :

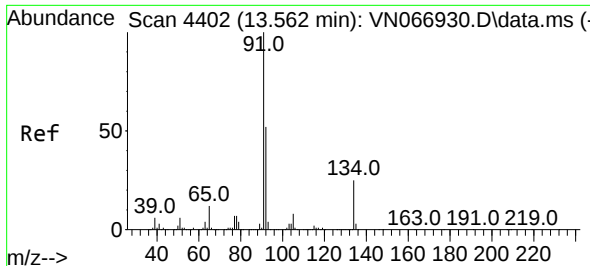
Tgt Ion: 75 Resp: 123977
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.02 ug/l
RT: 12.350 min Scan# 3950
Delta R.T. 0.105 min
Lab File: VN067006.D
Acq: 6 May 2021 13:41

Tgt Ion: 75 Resp: 123977
Ion Ratio Lower Upper
75 100
53 0.1 74.6 111.8#
89 0.0 35.8 53.8#

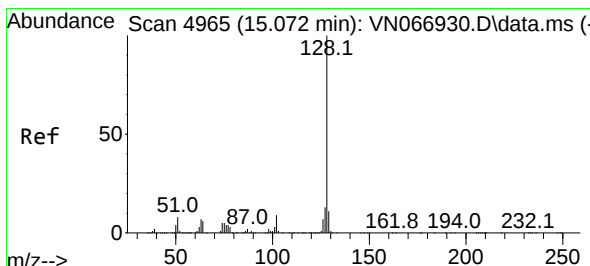
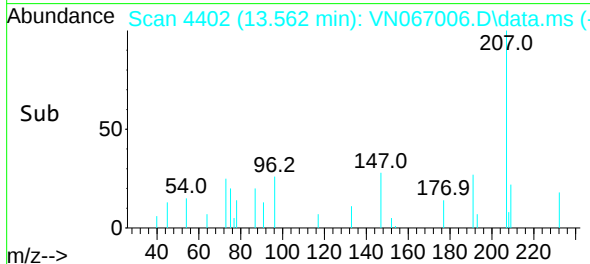
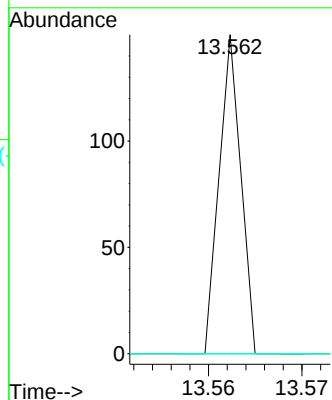
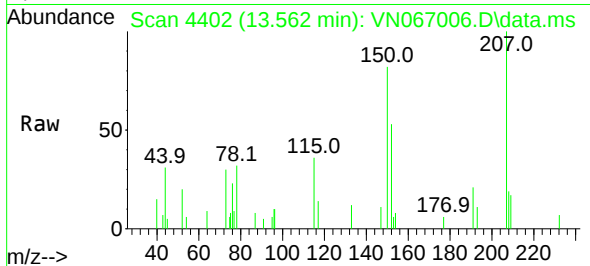




#89
n-Butylbenzene
Concen: 5.24 ug/l
RT: 13.562 min Scan# 4402
Delta R.T. 0.000 min
Lab File: VN067006.D
Acq: 6 May 2021 13:41

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 91 Resp: 24
Ion Ratio Lower Upper
91 100
92 0.0 26.1 78.3#
134 0.0 13.0 38.9#



#95
Naphthalene
Concen: 0.42 ug/l
RT: 15.126 min Scan# 4985
Delta R.T. 0.054 min
Lab File: VN067006.D
Acq: 6 May 2021 13:41

Tgt Ion: 128 Resp: 3641
Ion Ratio Lower Upper
128 100
127 2.4 10.2 15.2#
129 6.9 8.6 13.0#

