

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050521\
 Data File : VN066994.D
 Acq On : 5 May 2021 17:51
 Operator : JC/MD
 Sample : M2252-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 06 04:51:44 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

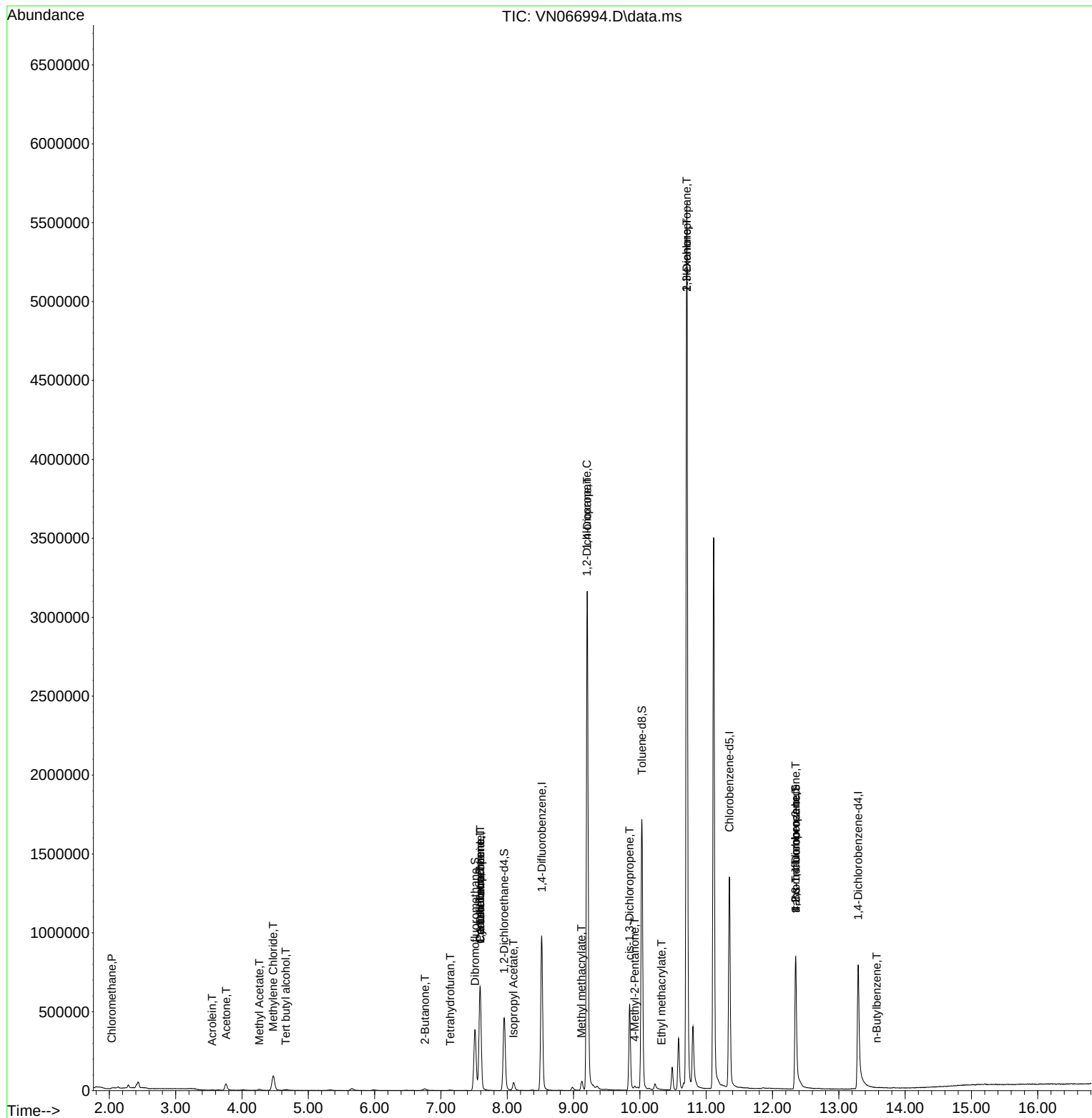
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.590	168	499057	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.520	114	838007	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	779644	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.291	152	284614	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.954	65	414390	52.75	ug/l	0.00
Spiked Amount 50.000	Range 61	- 141	Recovery	=	105.50%	
35) Dibromofluoromethane	7.514	113	298876	52.52	ug/l	0.00
Spiked Amount 50.000	Range 69	- 133	Recovery	=	105.04%	
50) Toluene-d8	10.030	98	1184324	54.65	ug/l	0.00
Spiked Amount 50.000	Range 65	- 126	Recovery	=	109.30%	
62) 4-Bromofluorobenzene	12.350	95	373699	50.93	ug/l	0.00
Spiked Amount 50.000	Range 58	- 135	Recovery	=	101.86%	
Target Compounds						Qvalue
3) Chloromethane	2.035	50	2167	0.22	ug/l	# 85
11) Tert butyl alcohol	4.661	59	3246	2.93	ug/l	# 73
13) Acrolein	3.548	56	927	1.00	ug/l	# 48
16) Acetone	3.760	43	70905	25.66	ug/l	96
18) Methyl Acetate	4.261	43	12359	1.56	ug/l	# 84
20) Methylene Chloride	4.470	84	67704	9.66	ug/l	92
25) 2-Butanone	6.761	43	6531	1.60	ug/l	95
29) Tetrahydrofuran	7.142	42	1219	0.45	ug/l	# 79
31) Cyclohexane	7.592	56	12296	1.11	ug/l	# 1
36) 1,1-Dichloropropene	7.592	75	44147	5.06	ug/l	# 48
38) Carbon Tetrachloride	7.592	117	54176	5.95	ug/l	# 17
43) Isopropyl Acetate	8.094	43	61501	4.26	ug/l	# 89
45) 1,2-Dichloropropane	9.201	63	3682	0.48	ug/l	# 44
48) Methyl methacrylate	9.118	41	15145	2.37	ug/l	# 10
49) 1,4-Dioxane	9.204	88	384	3.79	ug/l	# 1
51) 4-Methyl-2-Pentanone	9.923	43	17793	2.13	ug/l	88
54) cis-1,3-Dichloropropene	9.845	75	102548	8.92	ug/l	# 63
56) Ethyl methacrylate	10.328	69	207	5.21	ug/l	# 27
57) 1,3-Dichloropropane	10.706	76	59383	5.24	ug/l	# 43
59) 2-Hexanone	10.709	43	839341	150.36	ug/l	# 50
76) 1,2,3-Trichloropropane	12.347	75	195324	28.81	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.347	75	195324	85.85	ug/l	# 12
89) n-Butylbenzene	13.570	91	80	5.24	ug/l	# 34

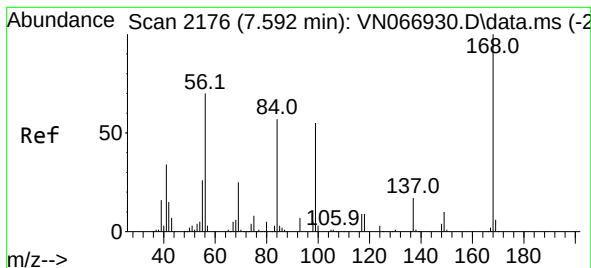
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050521\
Data File : VN066994.D
Acq On : 5 May 2021 17:51
Operator : JC/MD
Sample : M2252-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: May 06 04:51:44 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050421W.M
Quant Title : SW846 8260
QLast Update : Wed May 05 07:24:52 2021
Response via : Initial Calibration

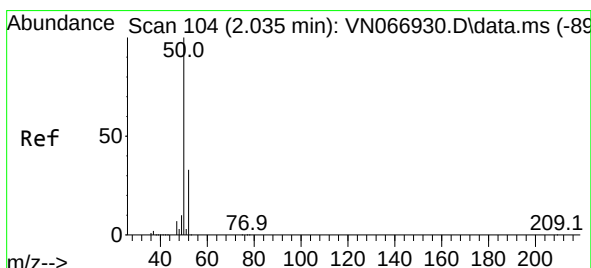
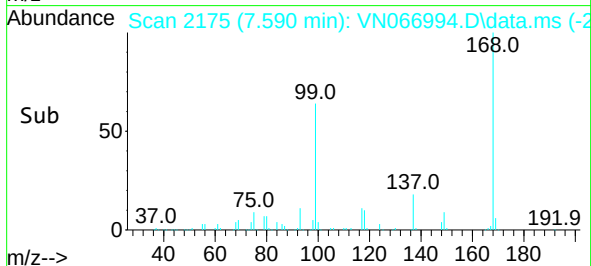
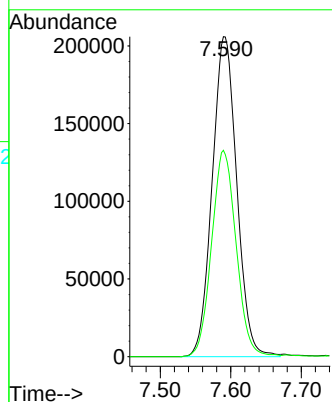
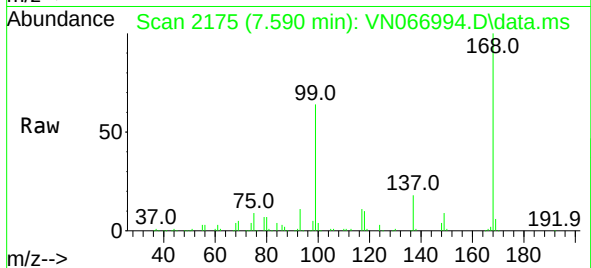




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.590 min Scan# 2175
Delta R.T. -0.002 min
Lab File: VN066994.D
Acq: 5 May 2021 17:51

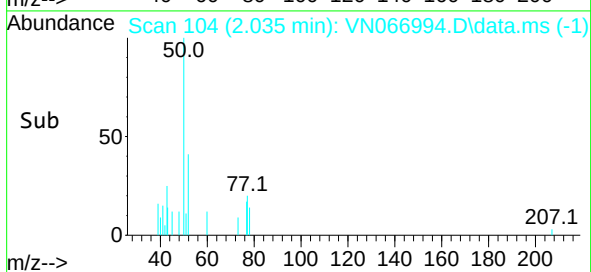
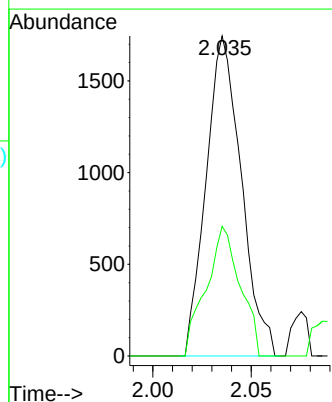
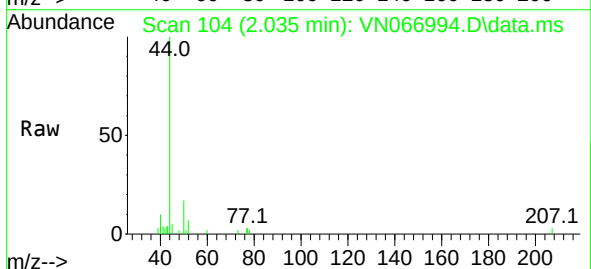
Instrument :
MSVOA_N
ClientSampled :

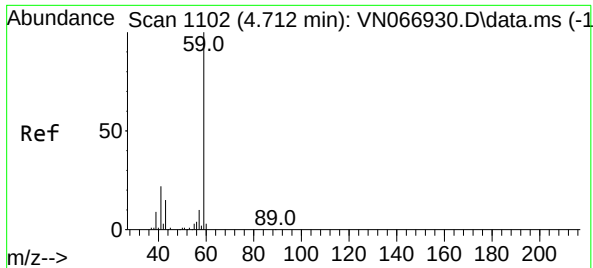
Tgt Ion:168 Resp: 499057
Ion Ratio Lower Upper
168 100
99 64.5 42.6 63.8#



#3
Chloromethane
Concen: 0.22 ug/l
RT: 2.035 min Scan# 104
Delta R.T. 0.000 min
Lab File: VN066994.D
Acq: 5 May 2021 17:51

Tgt Ion: 50 Resp: 2167
Ion Ratio Lower Upper
50 100
52 40.5 25.8 38.8#



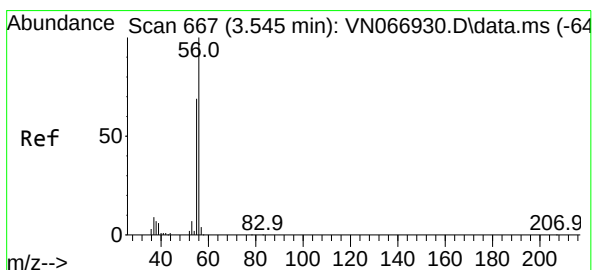
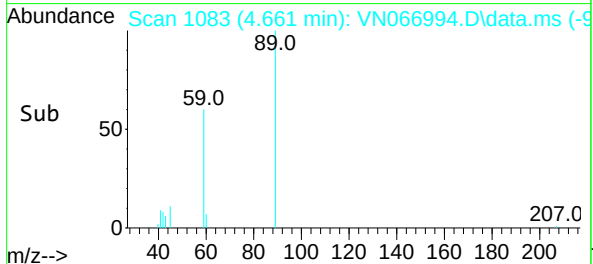
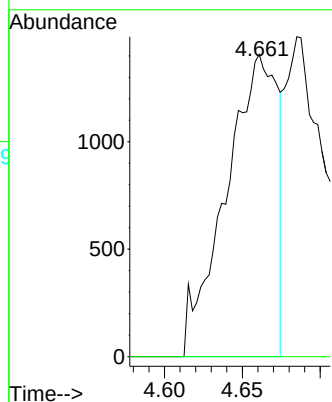
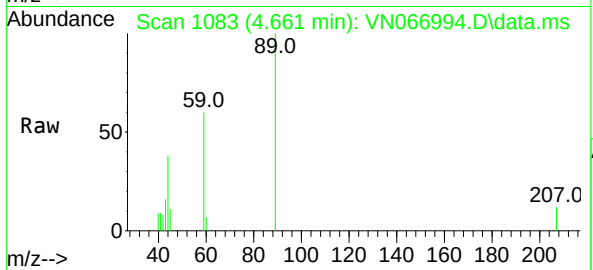


#11

Tert butyl alcohol
Concen: 2.93 ug/l
RT: 4.661 min Scan# 1083
Delta R.T. -0.051 min
Lab File: VN066994.D
Acq: 5 May 2021 17:51

Instrument :
MSVOA_N
ClientSampled :

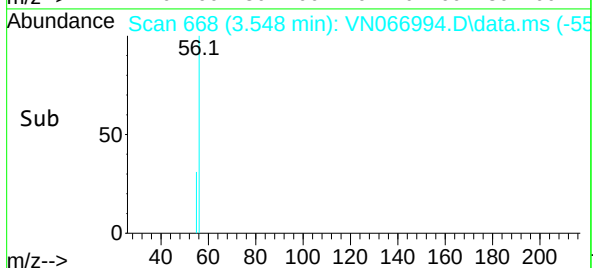
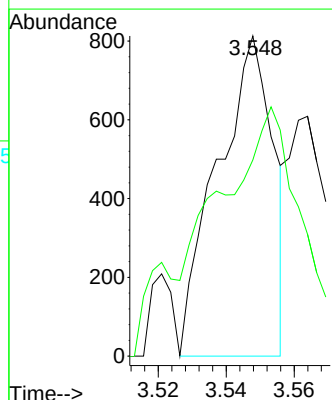
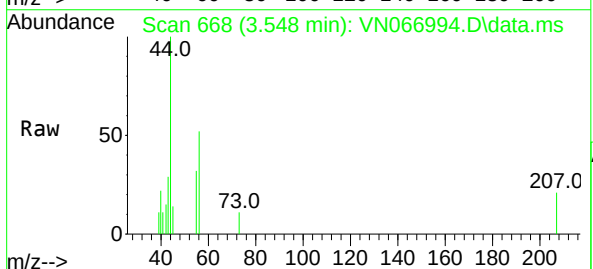
Tgt Ion: 59 Resp: 3246
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

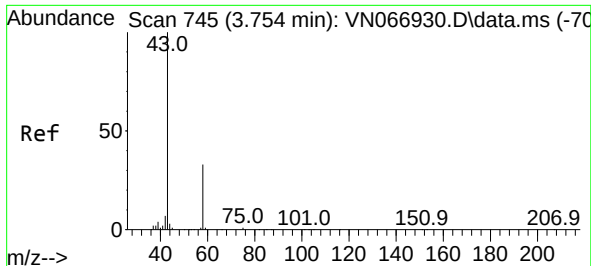


#13

Acrolein
Concen: 1.00 ug/l
RT: 3.548 min Scan# 668
Delta R.T. 0.003 min
Lab File: VN066994.D
Acq: 5 May 2021 17:51

Tgt Ion: 56 Resp: 927
Ion Ratio Lower Upper
56 100
55 112.4 56.0 84.0#

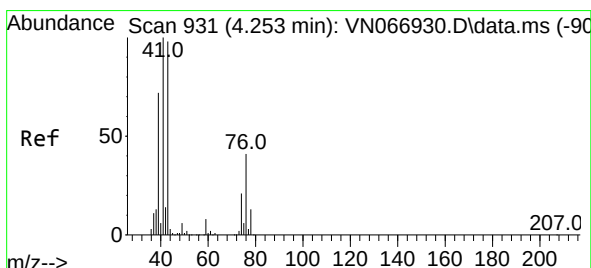
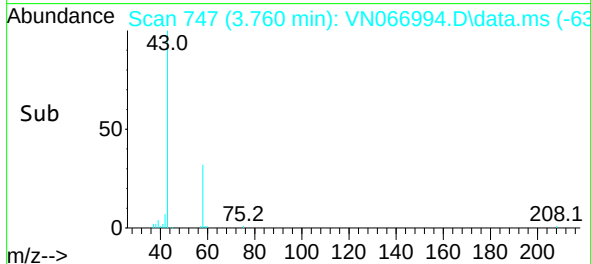
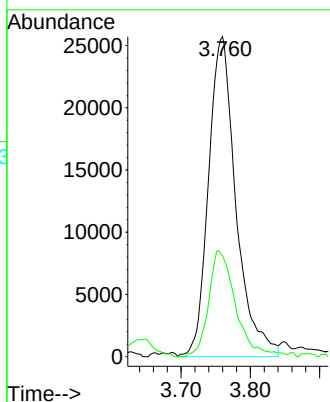
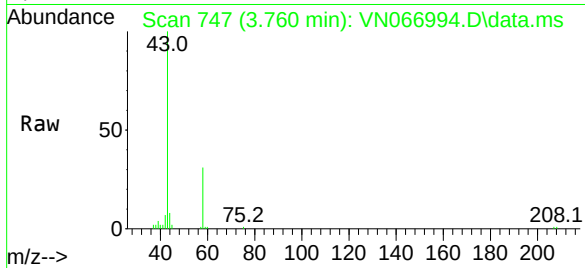




#16
Acetone
Concen: 25.66 ug/l
RT: 3.760 min Scan# 747
Delta R.T. 0.006 min
Lab File: VN066994.D
Acq: 5 May 2021 17:51

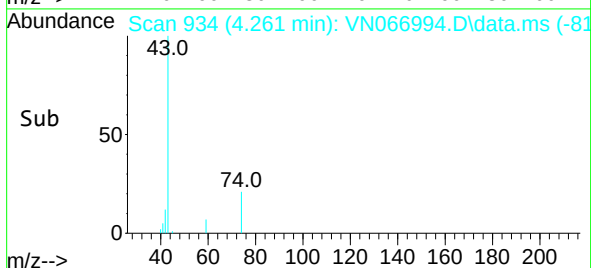
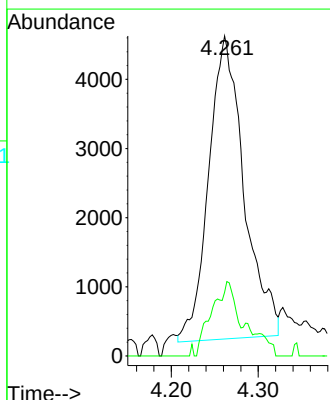
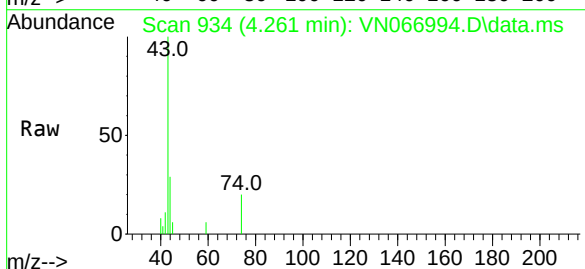
Instrument :
MSVOA_N
ClientSampled :

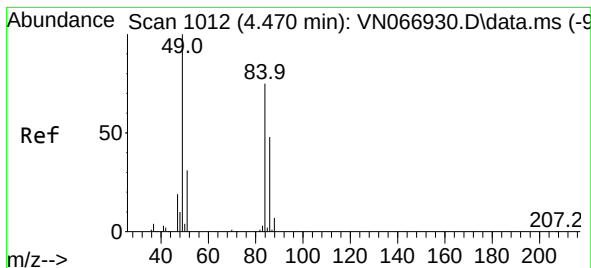
Tgt Ion: 43 Resp: 70905
Ion Ratio Lower Upper
43 100
58 31.5 27.0 40.6



#18
Methyl Acetate
Concen: 1.56 ug/l
RT: 4.261 min Scan# 934
Delta R.T. 0.008 min
Lab File: VN066994.D
Acq: 5 May 2021 17:51

Tgt Ion: 43 Resp: 12359
Ion Ratio Lower Upper
43 100
74 16.7 19.5 29.3#





#20

Methylene Chloride

Concen: 9.66 ug/l

RT: 4.470 min Scan# 1012

Delta R.T. 0.000 min

Lab File: VN066994.D

Acq: 5 May 2021 17:51

Tgt Ion: 84 Resp: 67704

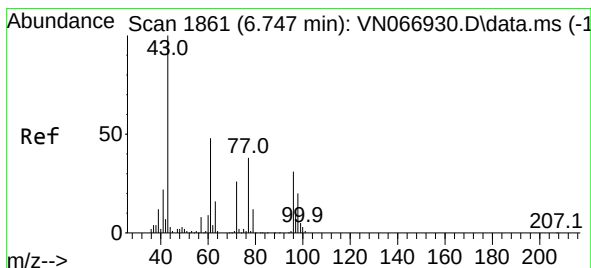
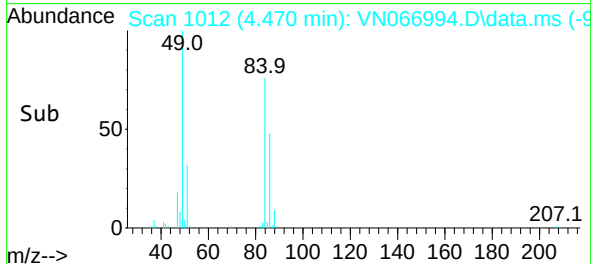
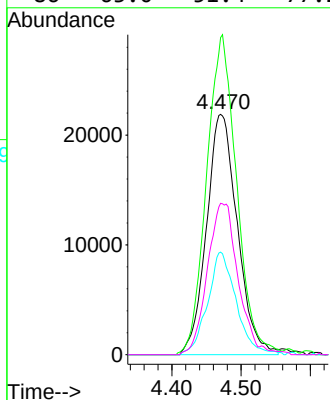
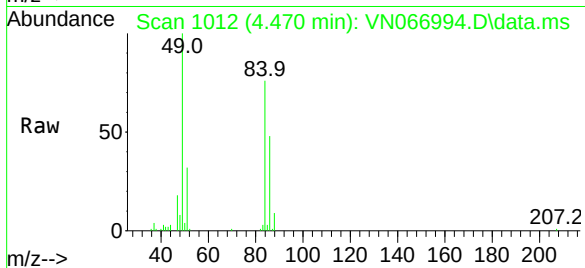
Ion Ratio Lower Upper

84 100

49 131.2 94.6 141.8

51 42.6 29.9 44.9

86 63.0 51.4 77.2



#25

2-Butanone

Concen: 1.60 ug/l

RT: 6.761 min Scan# 1866

Delta R.T. 0.014 min

Lab File: VN066994.D

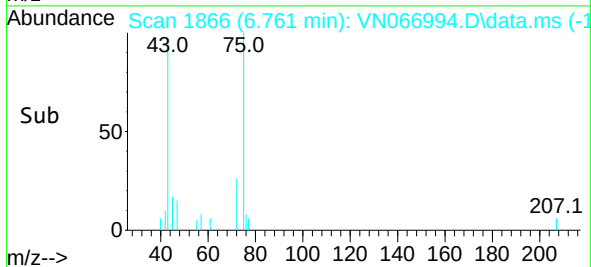
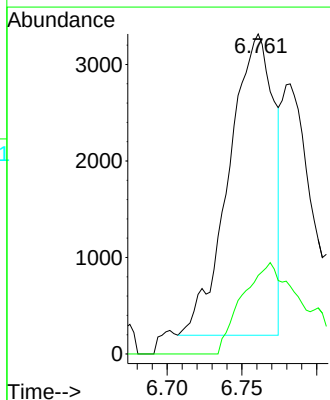
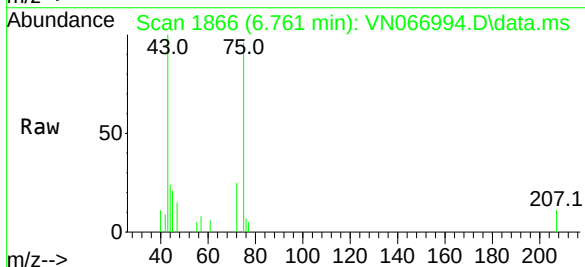
Acq: 5 May 2021 17:51

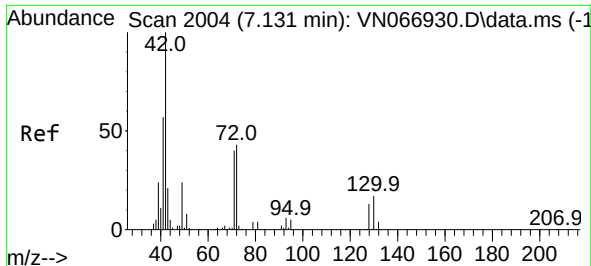
Tgt Ion: 43 Resp: 6531

Ion Ratio Lower Upper

43 100

72 26.1 23.1 34.7

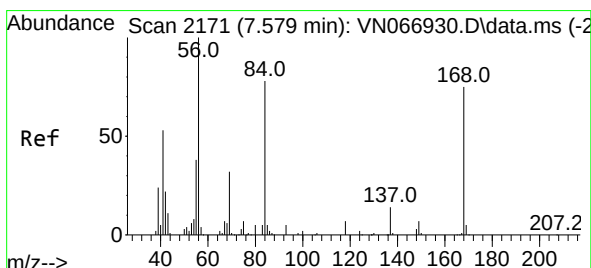
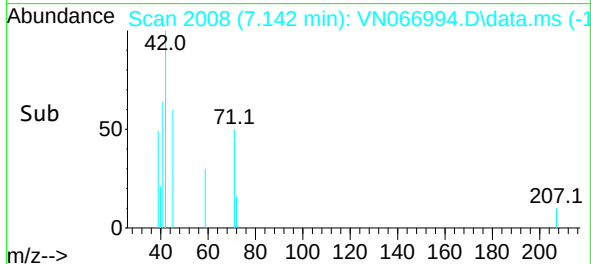
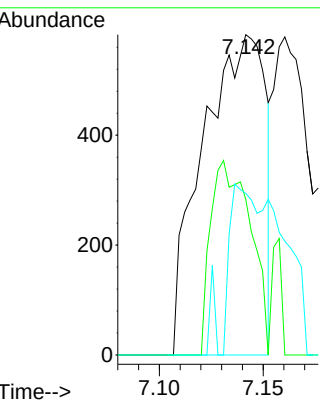
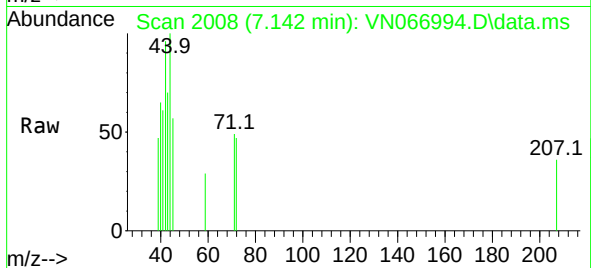




#29
Tetrahydrofuran
Concen: 0.45 ug/l
RT: 7.142 min Scan# 2008
Delta R.T. 0.011 min
Lab File: VN066994.D
Acq: 5 May 2021 17:51

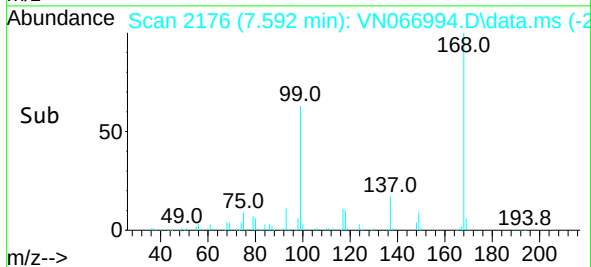
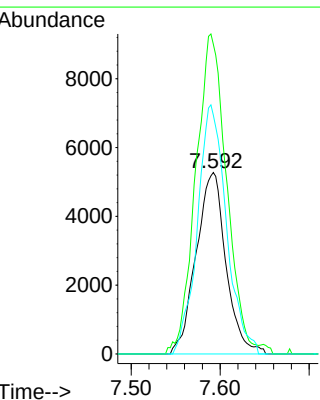
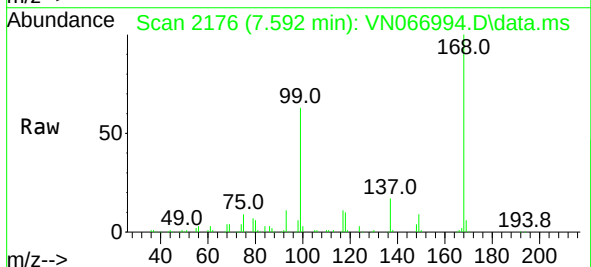
Instrument :
MSVOA_N
ClientSampled :

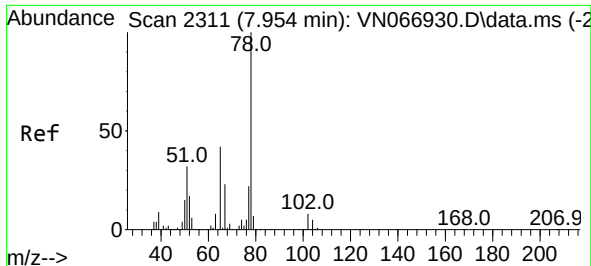
Tgt Ion: 42 Resp: 1219
Ion Ratio Lower Upper
42 100
72 38.6 36.6 55.0
71 22.0 34.3 51.5#



#31
Cyclohexane
Concen: 1.11 ug/l
RT: 7.592 min Scan# 2176
Delta R.T. 0.013 min
Lab File: VN066994.D
Acq: 5 May 2021 17:51

Tgt Ion: 56 Resp: 12296
Ion Ratio Lower Upper
56 100
69 167.3 26.6 39.8#
84 131.7 70.4 105.6#

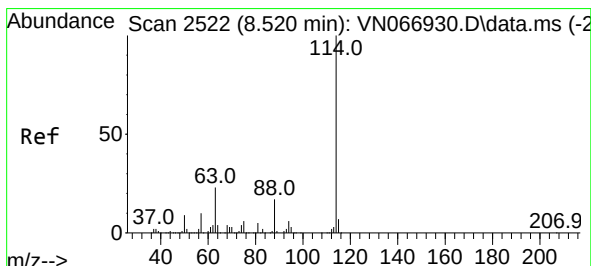
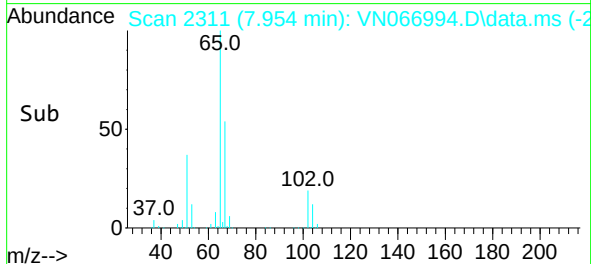
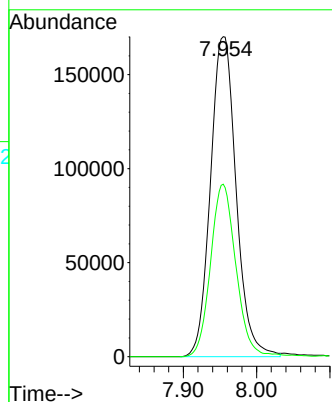
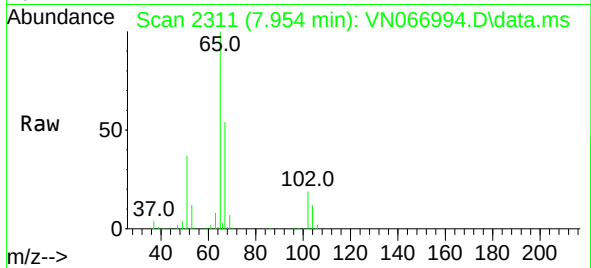




#33
1,2-Dichloroethane-d4
Concen: 52.75 ug/l
RT: 7.954 min Scan# 2311
Delta R.T. 0.000 min
Lab File: VN066994.D
Acq: 5 May 2021 17:51

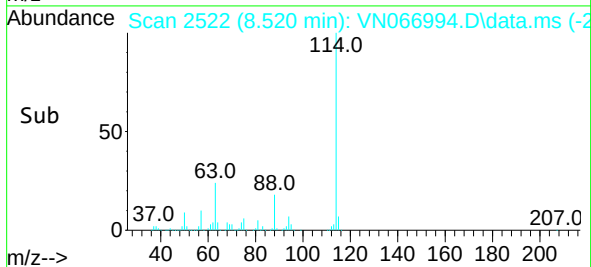
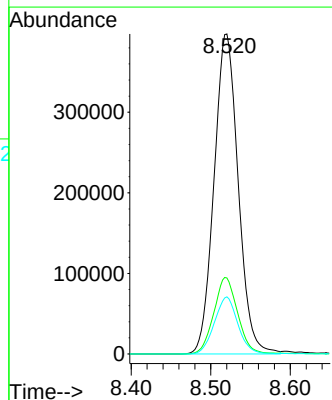
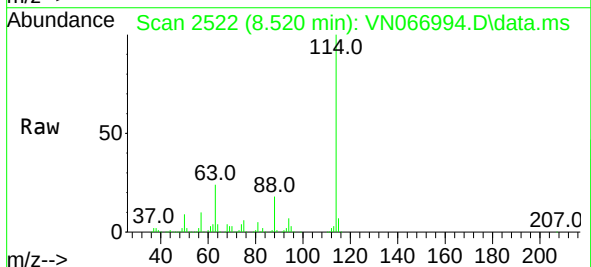
Instrument :
MSVOA_N
ClientSampled :

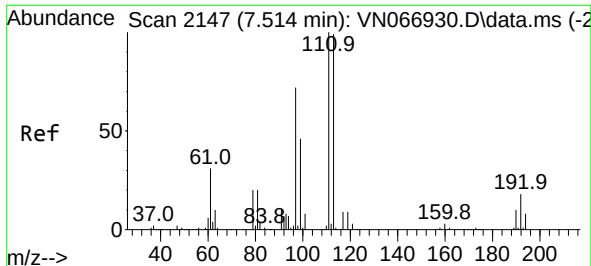
Tgt Ion: 65 Resp: 414390
Ion Ratio Lower Upper
65 100
67 53.2 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.520 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VN066994.D
Acq: 5 May 2021 17:51

Tgt Ion: 114 Resp: 838007
Ion Ratio Lower Upper
114 100
63 23.8 0.0 38.6
88 17.8 0.0 30.6

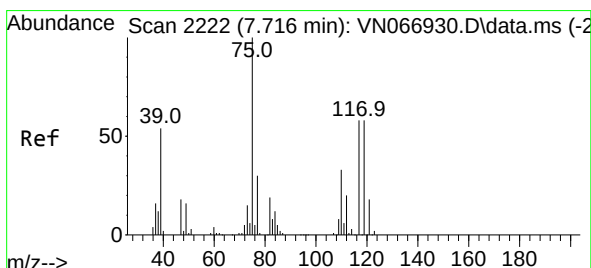
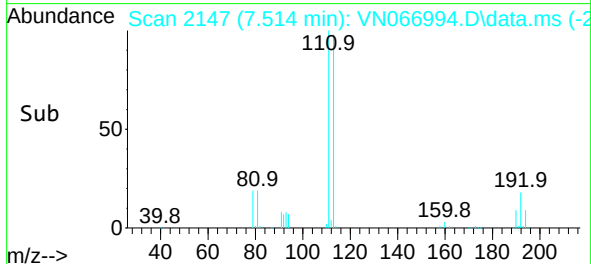
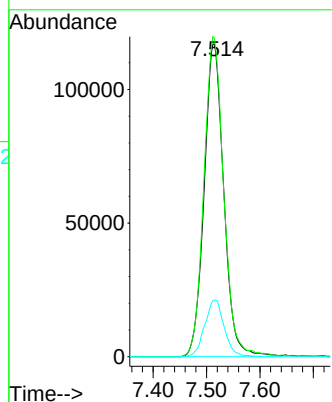
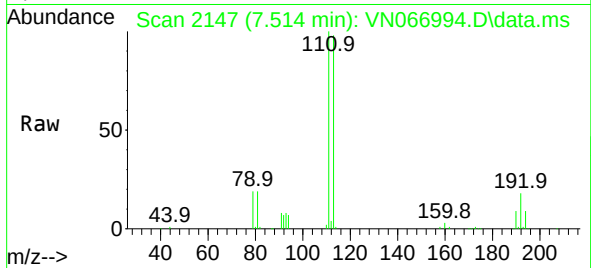




#35
Dibromofluoromethane
Concen: 52.52 ug/l
RT: 7.514 min Scan# 2147
Delta R.T. 0.000 min
Lab File: VN066994.D
Acq: 5 May 2021 17:51

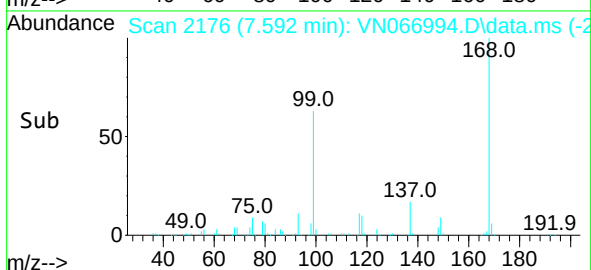
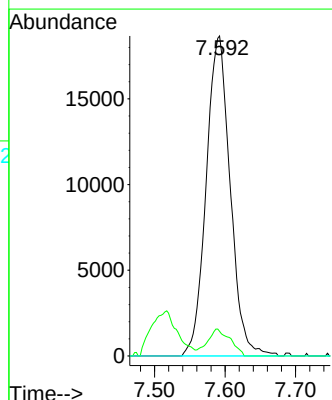
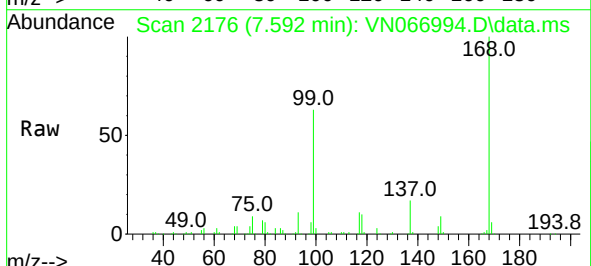
Instrument :
MSVOA_N
ClientSampled :

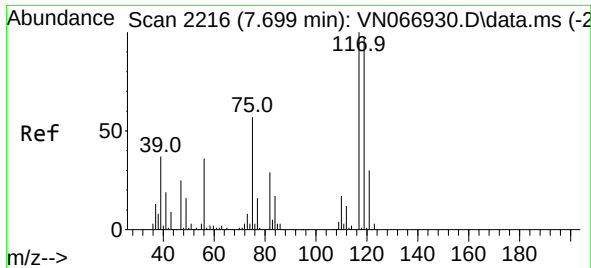
Tgt Ion:113 Resp: 298876
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.2
192 18.0 15.4 23.0



#36
1,1-Dichloropropene
Concen: 5.06 ug/l
RT: 7.592 min Scan# 2176
Delta R.T. -0.124 min
Lab File: VN066994.D
Acq: 5 May 2021 17:51

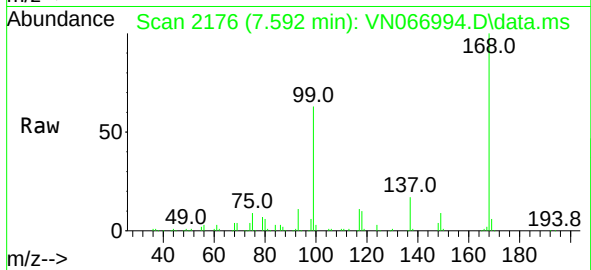
Tgt Ion: 75 Resp: 44147
Ion Ratio Lower Upper
75 100
110 7.9 18.2 54.6#
77 0.0 24.9 37.3#



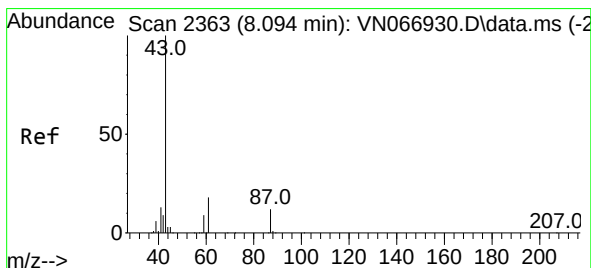
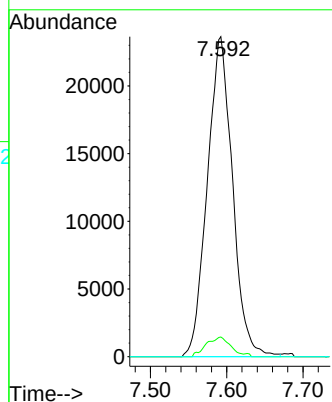
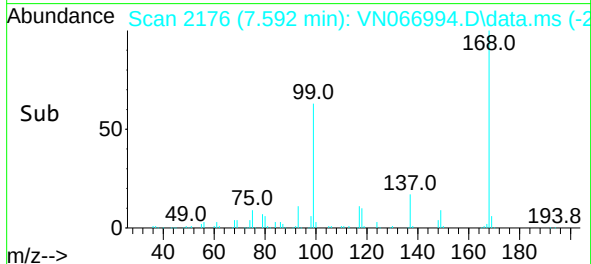


#38
Carbon Tetrachloride
Concen: 5.95 ug/l
RT: 7.592 min Scan# 2176
Delta R.T. -0.107 min
Lab File: VN066994.D
Acq: 5 May 2021 17:51

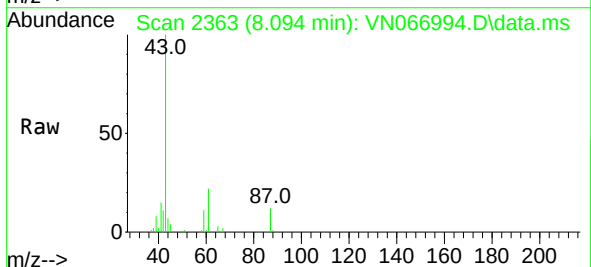
Instrument :
MSVOA_N
ClientSampled :



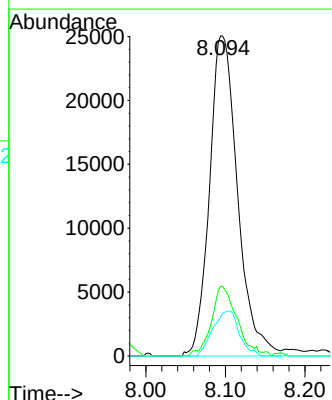
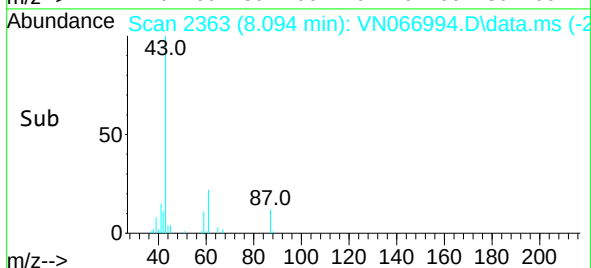
Tgt Ion:117 Resp: 54176
Ion Ratio Lower Upper
117 100
119 6.1 76.0 114.0#
121 0.0 24.5 36.7#

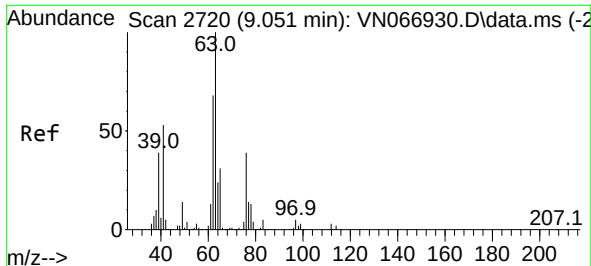


#43
Isopropyl Acetate
Concen: 4.26 ug/l
RT: 8.094 min Scan# 2363
Delta R.T. -0.000 min
Lab File: VN066994.D
Acq: 5 May 2021 17:51



Tgt Ion: 43 Resp: 61501
Ion Ratio Lower Upper
43 100
61 19.7 22.5 33.7#
87 13.2 11.1 16.7



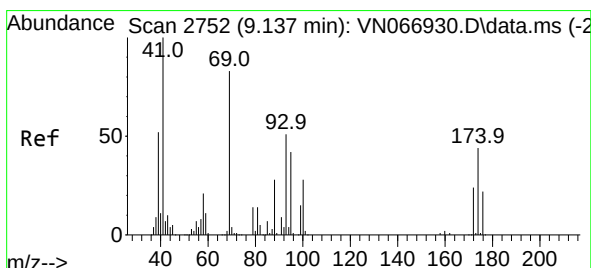
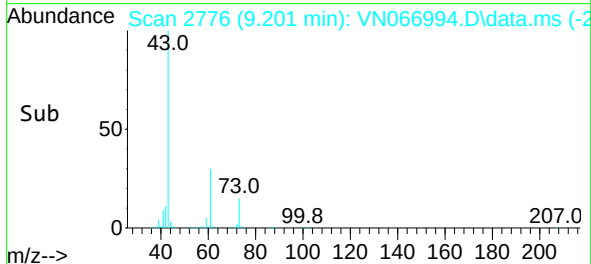
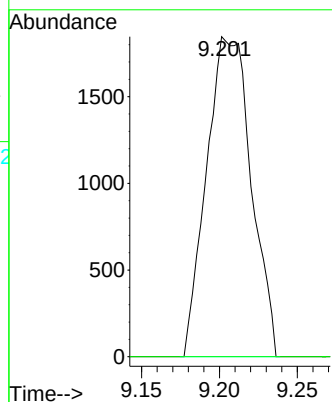
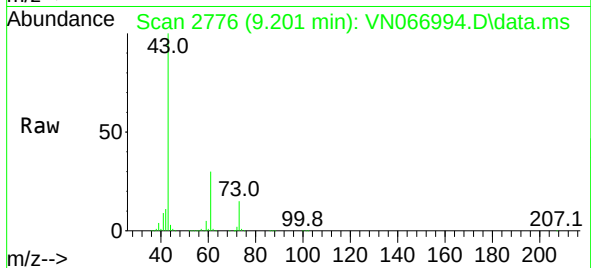


#45

1,2-Dichloropropane
Concen: 0.48 ug/l
RT: 9.201 min Scan# 2776
Delta R.T. 0.150 min
Lab File: VN066994.D
Acq: 5 May 2021 17:51

Instrument :
MSVOA_N
ClientSampled :

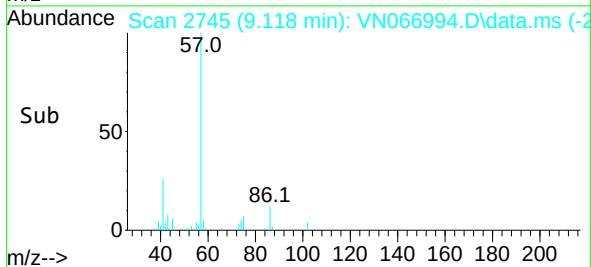
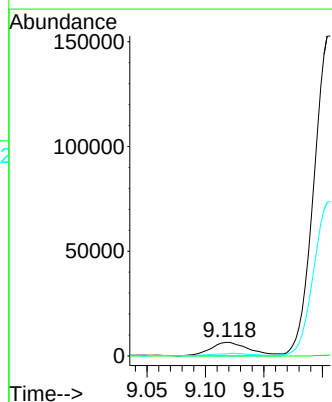
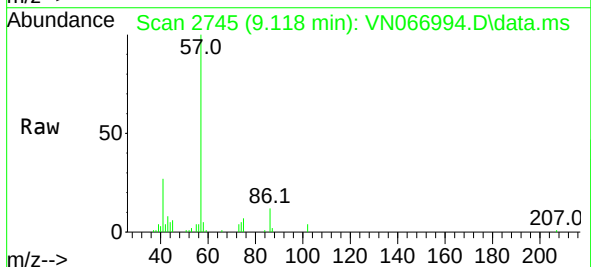
Tgt Ion: 63 Resp: 3682
Ion Ratio Lower Upper
63 100
65 0.0 24.9 37.3#

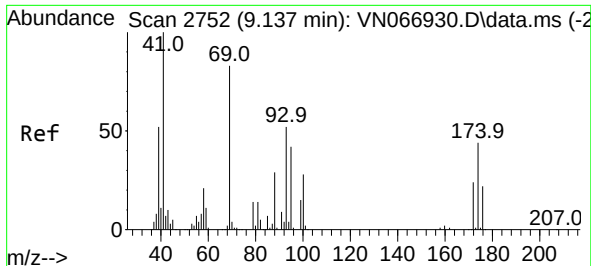


#48

Methyl methacrylate
Concen: 2.37 ug/l
RT: 9.118 min Scan# 2745
Delta R.T. -0.019 min
Lab File: VN066994.D
Acq: 5 May 2021 17:51

Tgt Ion: 41 Resp: 15145
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 0.0 46.6 69.8#





#49

1,4-Dioxane

Concen: 3.79 ug/l

RT: 9.204 min Scan# 2777

Delta R.T. 0.067 min

Lab File: VN066994.D

Acq: 5 May 2021 17:51

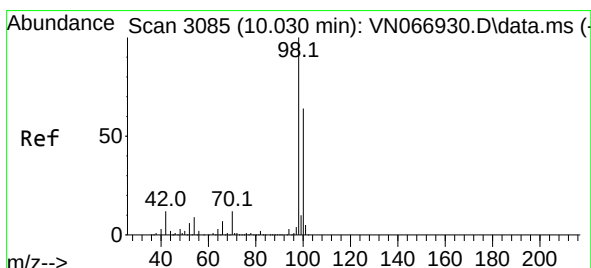
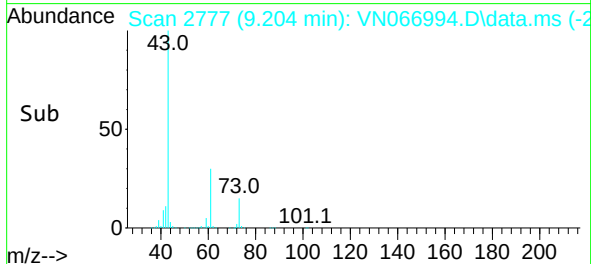
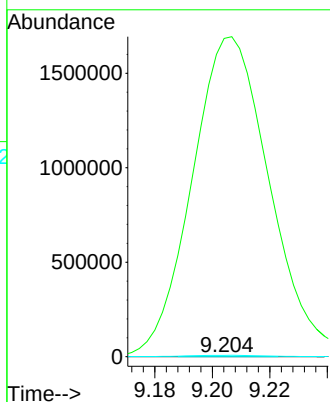
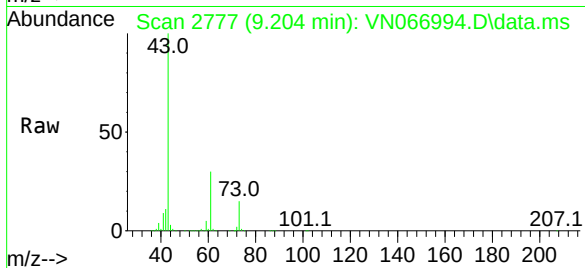
Tgt Ion: 88 Resp: 384

Ion Ratio Lower Upper

88 100

43 844869.8 24.7 37.1#

58 3558.6 52.6 78.8#



#50

Toluene-d8

Concen: 54.65 ug/l

RT: 10.030 min Scan# 3085

Delta R.T. 0.000 min

Lab File: VN066994.D

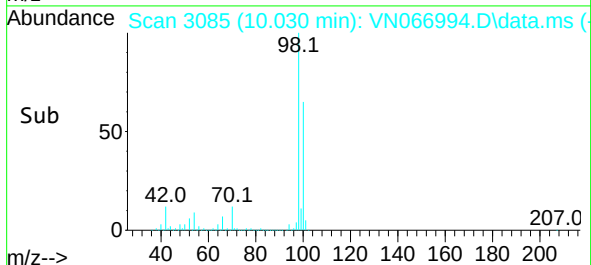
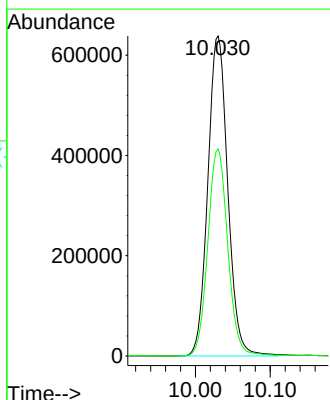
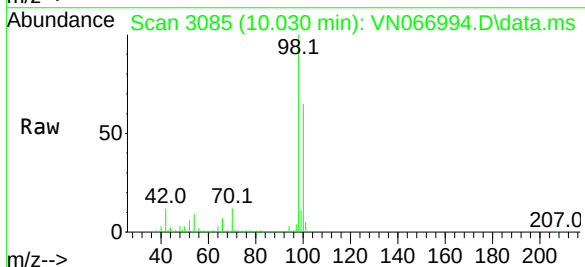
Acq: 5 May 2021 17:51

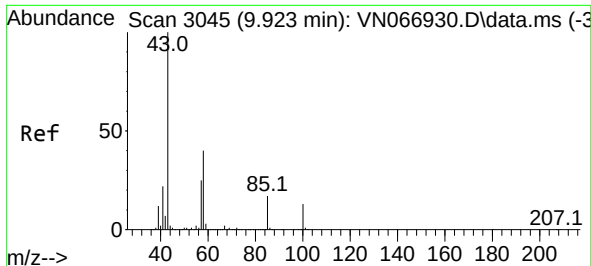
Tgt Ion: 98 Resp: 1184324

Ion Ratio Lower Upper

98 100

100 64.7 50.5 75.7

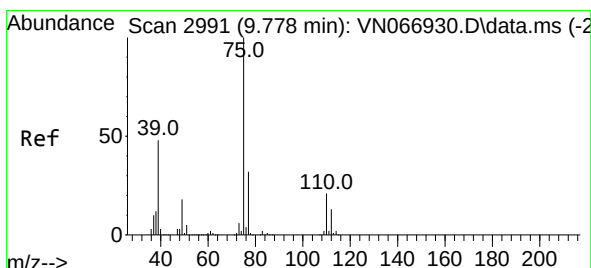
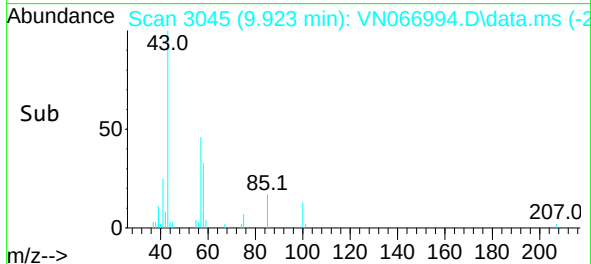
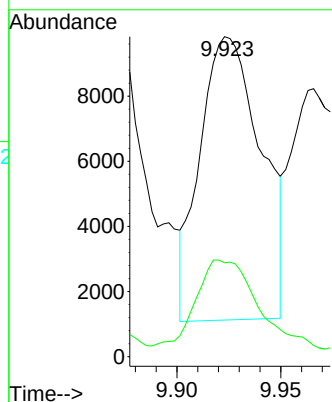
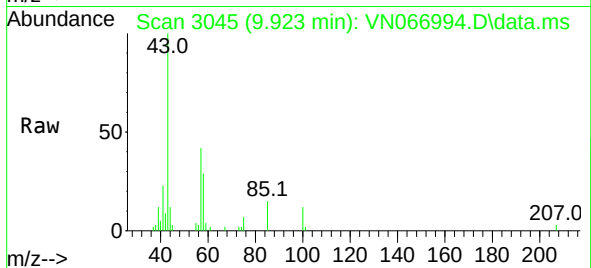




#51
4-Methyl-2-Pentanone
Concen: 2.13 ug/l
RT: 9.923 min Scan# 3045
Delta R.T. -0.000 min
Lab File: VN066994.D
Acq: 5 May 2021 17:51

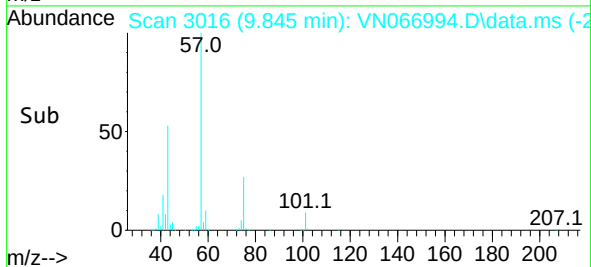
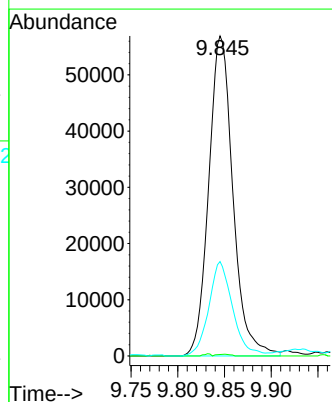
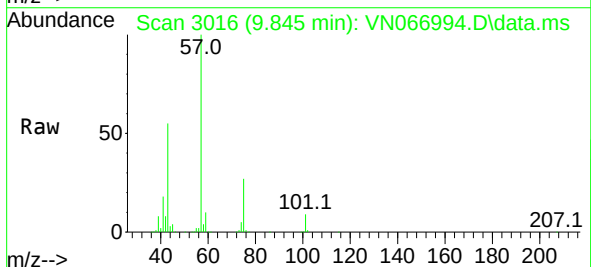
Instrument :
MSVOA_N
ClientSampleId :

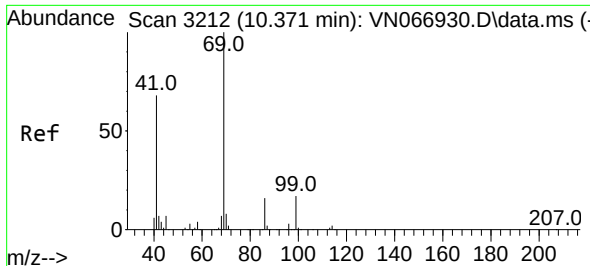
Tgt Ion: 43 Resp: 17793
Ion Ratio Lower Upper
43 100
58 33.4 32.5 48.7



#54
cis-1,3-Dichloropropene
Concen: 8.92 ug/l
RT: 9.845 min Scan# 3016
Delta R.T. 0.067 min
Lab File: VN066994.D
Acq: 5 May 2021 17:51

Tgt Ion: 75 Resp: 102548
Ion Ratio Lower Upper
75 100
77 0.5 24.9 37.3#
39 29.5 36.2 54.4#

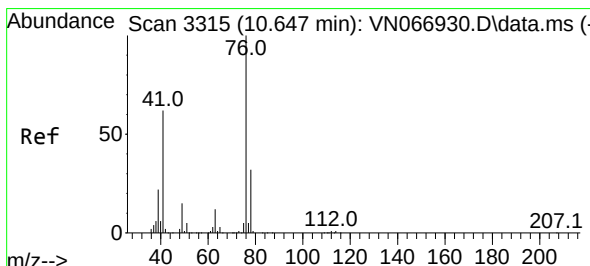
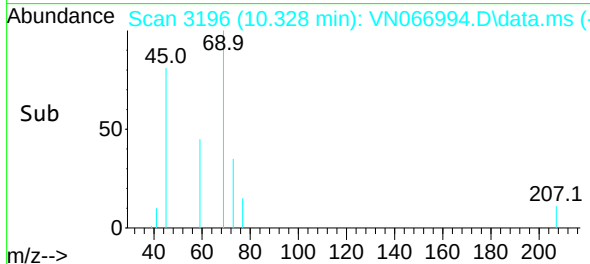
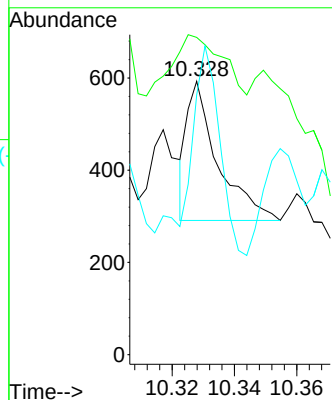
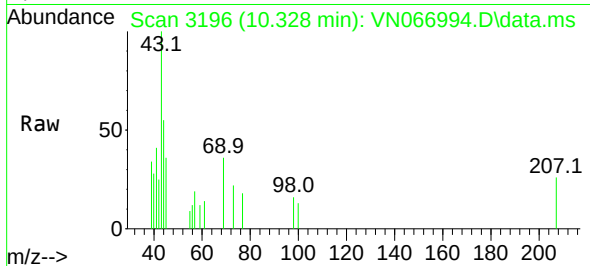




#56
Ethyl methacrylate
Concen: 5.21 ug/l
RT: 10.328 min Scan# 3196
Delta R.T. -0.043 min
Lab File: VN066994.D
Acq: 5 May 2021 17:51

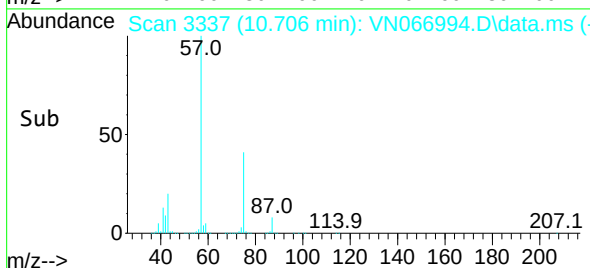
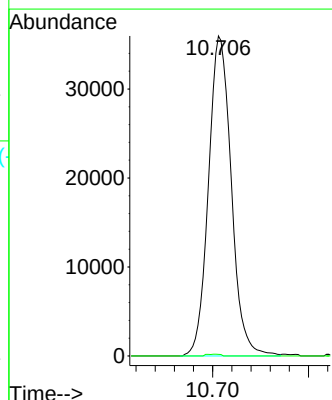
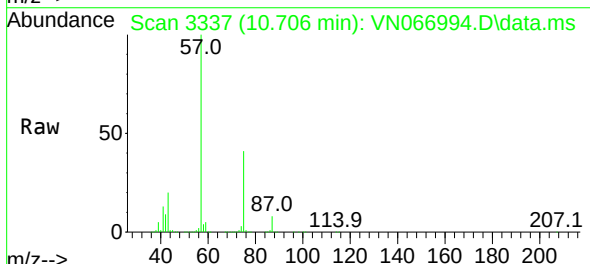
Instrument :
MSVOA_N
ClientSampleId :

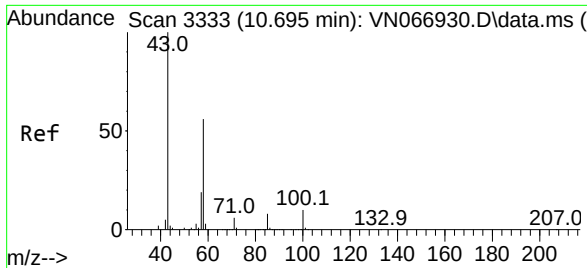
Tgt Ion: 69 Resp: 207
Ion Ratio Lower Upper
69 100
41 0.0 49.6 74.4#
39 0.0 28.0 42.0#



#57
1,3-Dichloropropane
Concen: 5.24 ug/l
RT: 10.706 min Scan# 3337
Delta R.T. 0.059 min
Lab File: VN066994.D
Acq: 5 May 2021 17:51

Tgt Ion: 76 Resp: 59383
Ion Ratio Lower Upper
76 100
78 0.3 25.7 38.5#

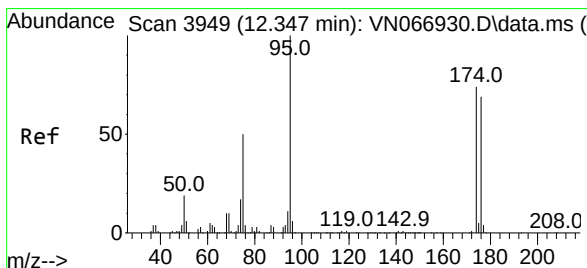
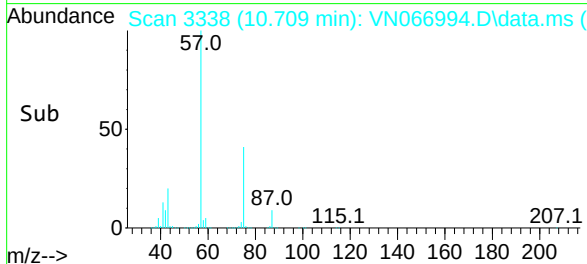
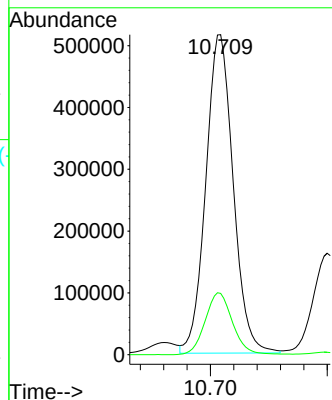
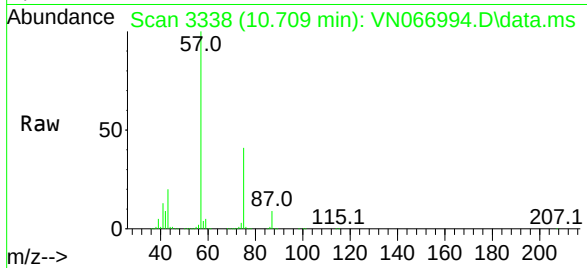




#59
2-Hexanone
Concen: 150.36 ug/l
RT: 10.709 min Scan# 3338
Delta R.T. 0.014 min
Lab File: VN066994.D
Acq: 5 May 2021 17:51

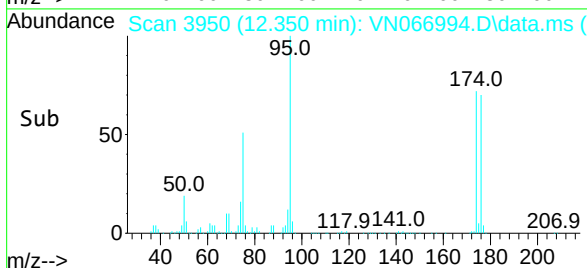
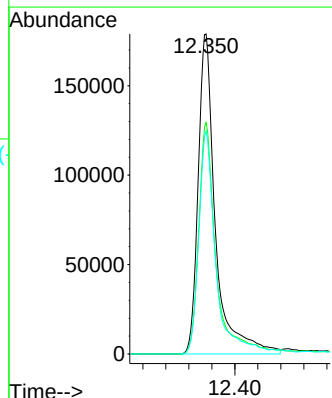
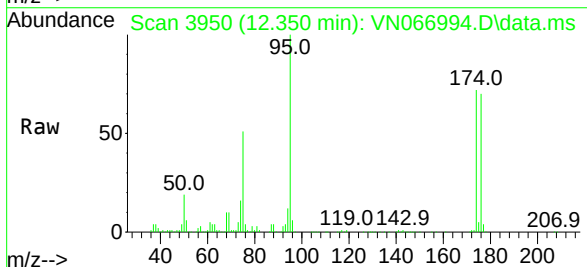
Instrument :
MSVOA_N
ClientSampleId :

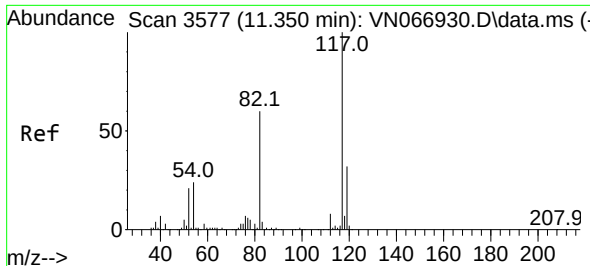
Tgt Ion: 43 Resp: 839341
Ion Ratio Lower Upper
43 100
58 19.5 28.1 84.3#



#62
4-Bromofluorobenzene
Concen: 50.93 ug/l
RT: 12.350 min Scan# 3950
Delta R.T. 0.003 min
Lab File: VN066994.D
Acq: 5 May 2021 17:51

Tgt Ion: 95 Resp: 373699
Ion Ratio Lower Upper
95 100
174 71.8 0.0 169.0
176 68.2 0.0 162.4

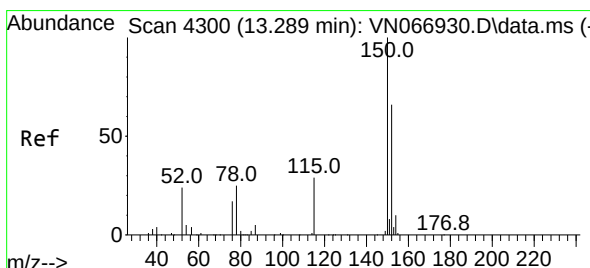
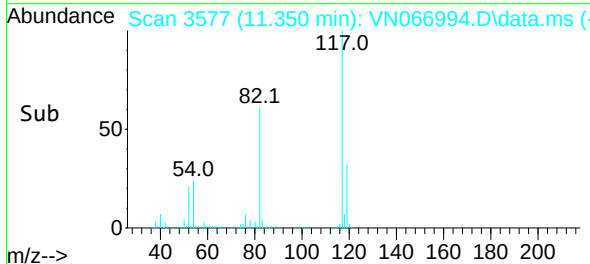
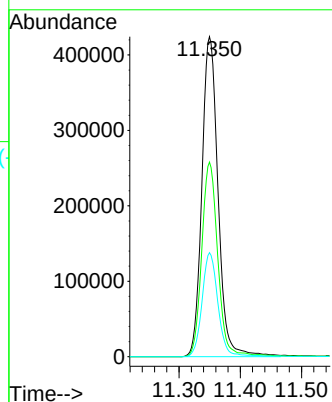
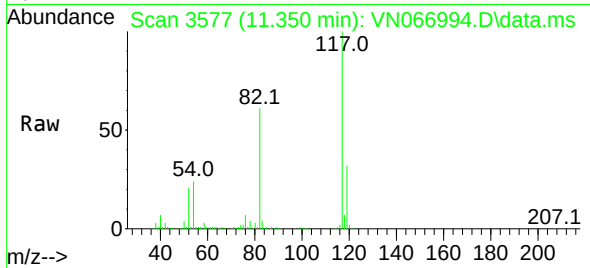




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.350 min Scan# 3577
Delta R.T. -0.000 min
Lab File: VN066994.D
Acq: 5 May 2021 17:51

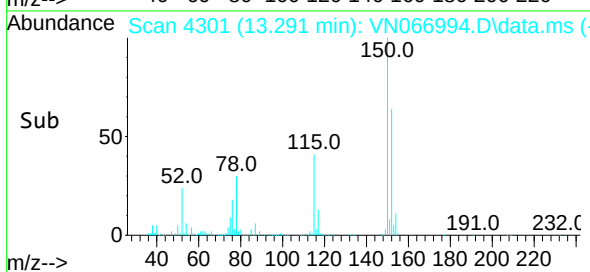
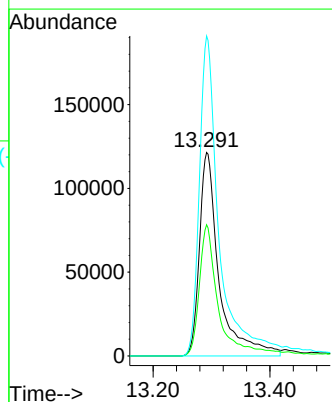
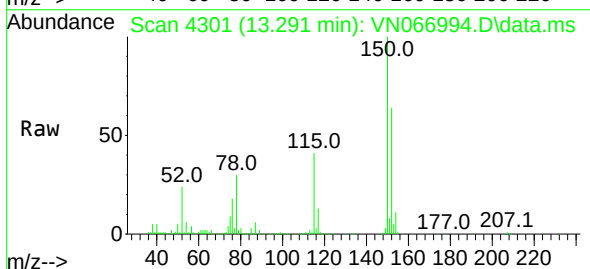
Instrument :
MSVOA_N
ClientSampled :

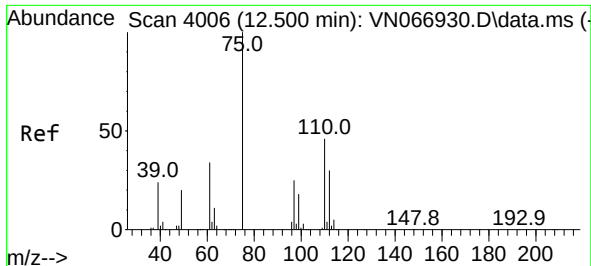
Tgt Ion:117 Resp: 779644
Ion Ratio Lower Upper
117 100
82 60.8 43.7 65.5
119 32.5 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.291 min Scan# 4301
Delta R.T. 0.002 min
Lab File: VN066994.D
Acq: 5 May 2021 17:51

Tgt Ion:152 Resp: 284614
Ion Ratio Lower Upper
152 100
115 59.7 28.5 85.6
150 157.5 0.0 347.6

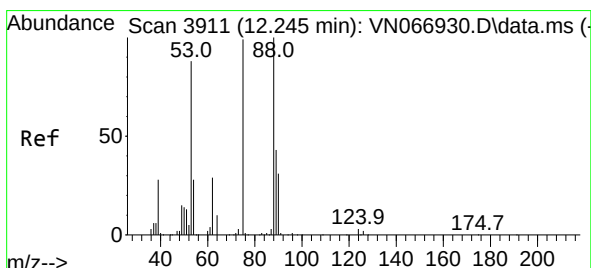
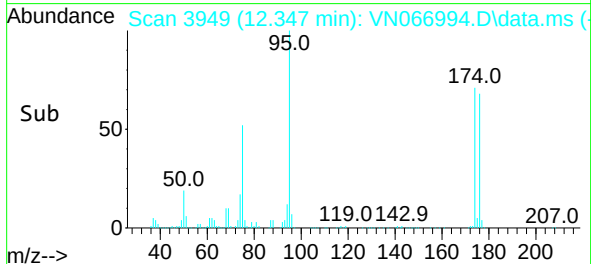
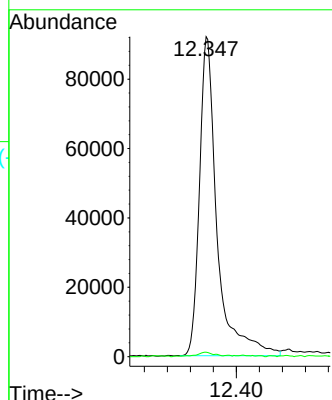
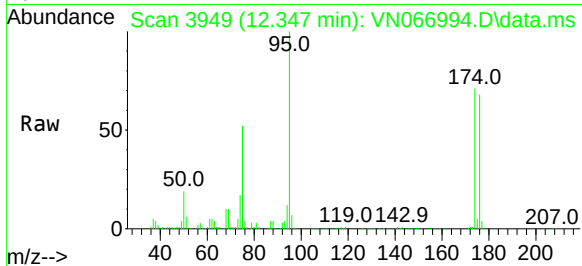




#76
1,2,3-Trichloropropane
Concen: 28.81 ug/l
RT: 12.347 min Scan# 3949
Delta R.T. -0.153 min
Lab File: VN066994.D
Acq: 5 May 2021 17:51

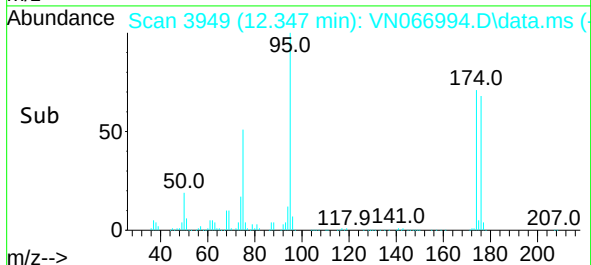
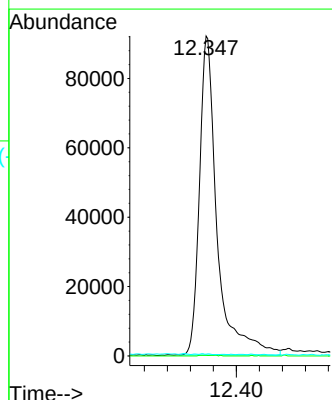
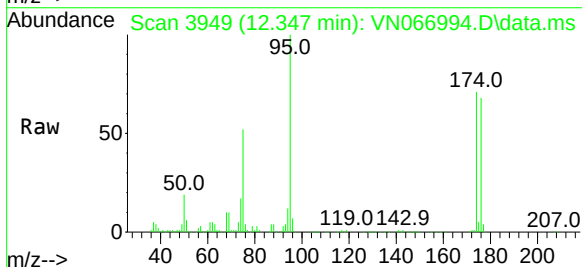
Instrument :
MSVOA_N
ClientSampled :

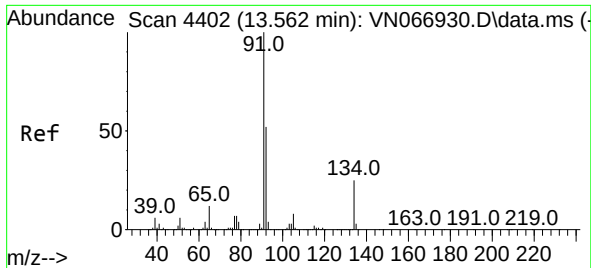
Tgt Ion: 75 Resp: 195324
Ion Ratio Lower Upper
75 100
77 0.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.85 ug/l
RT: 12.347 min Scan# 3949
Delta R.T. 0.102 min
Lab File: VN066994.D
Acq: 5 May 2021 17:51

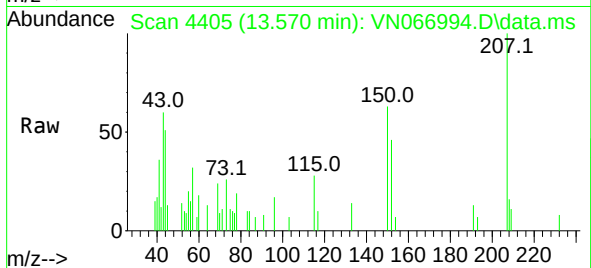
Tgt Ion: 75 Resp: 195324
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#





#89
n-Butylbenzene
Concen: 5.24 ug/l
RT: 13.570 min Scan# 4405
Delta R.T. 0.008 min
Lab File: VN066994.D
Acq: 5 May 2021 17:51

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 91 Resp: 80
Ion Ratio Lower Upper
91 100
92 0.0 26.1 78.3#
134 0.0 13.0 38.9#

