

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051021\
 Data File : VN067076.D
 Acq On : 10 May 2021 16:55
 Operator : JC/MD
 Sample : M2323-08
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 11 01:48:22 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)

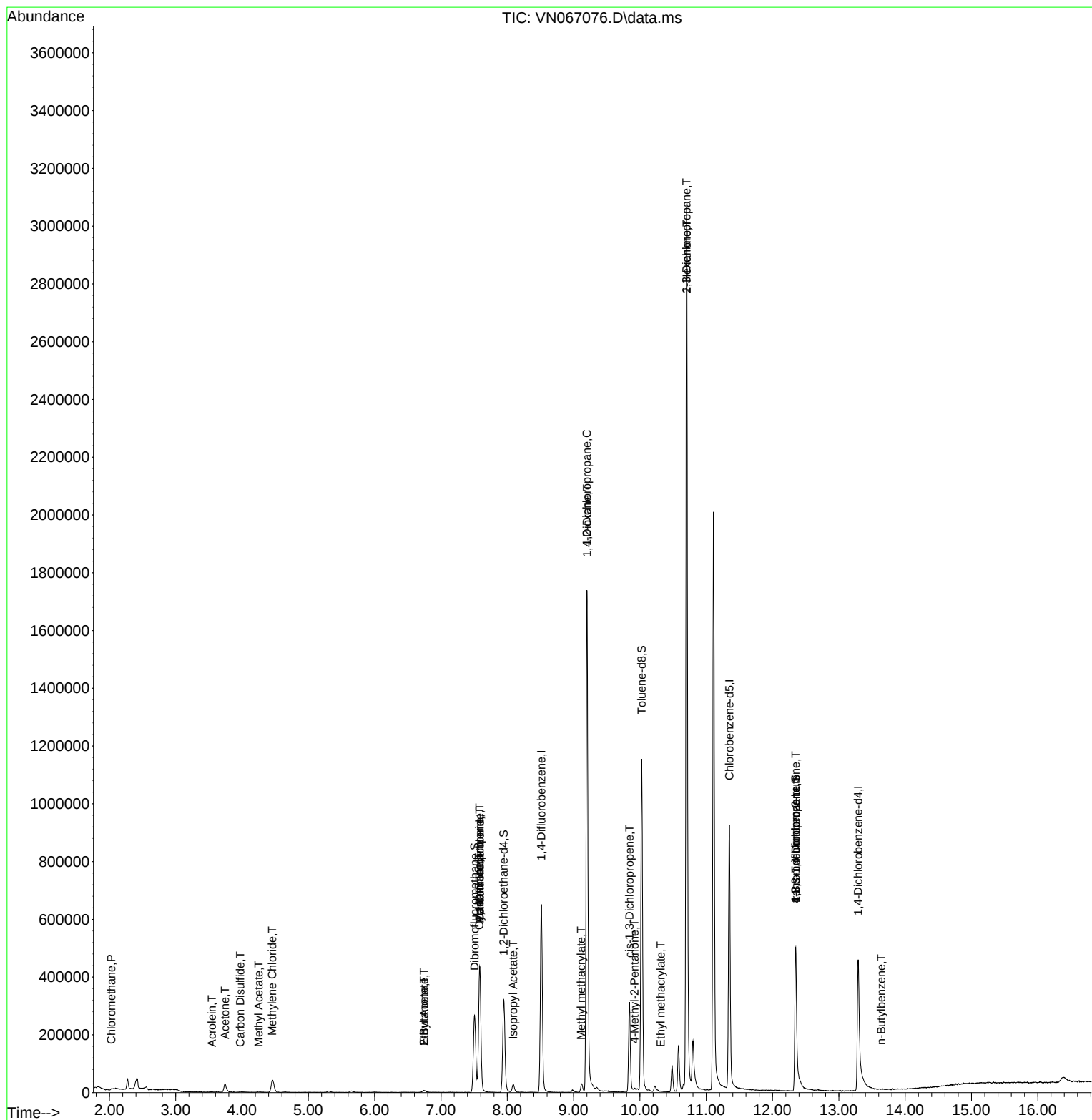
Internal Standards						
1) Pentafluorobenzene	7.587	168	338180	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.515	114	566138	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	527296	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.291	152	170762	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.946	65	295127	55.44	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 110.88%			
35) Dibromofluoromethane	7.506	113	211813	55.10	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 110.20%			
50) Toluene-d8	10.027	98	803103	54.86	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 109.72%			
62) 4-Bromofluorobenzene	12.347	95	227784	45.95	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 91.90%			
Target Compounds						Qvalue
3) Chloromethane	2.030	50	2383	0.36	ug/l	97
13) Acrolein	3.545	56	754	1.21	ug/l	91
16) Acetone	3.743	43	47890	25.57	ug/l	98
17) Carbon Disulfide	3.971	76	2720	0.24	ug/l #	74
18) Methyl Acetate	4.250	43	5150	0.96	ug/l	90
20) Methylene Chloride	4.457	84	31932	6.72	ug/l	91
25) 2-Butanone	6.745	43	9493	3.44	ug/l	97
31) Cyclohexane	7.579	56	8053	1.08	ug/l #	8
36) 1,1-Dichloropropene	7.584	75	29597	5.02	ug/l #	45
37) Ethyl Acetate	6.745	43	9493	1.58	ug/l #	68
38) Carbon Tetrachloride	7.584	117	34445	5.60	ug/l #	16
43) Isopropyl Acetate	8.091	43	36386	3.73	ug/l #	86
45) 1,2-Dichloropropane	9.201	63	2432	0.47	ug/l #	44
48) Methyl methacrylate	9.115	41	7636	1.77	ug/l #	10
49) 1,4-Dioxane	9.204	88	27	0.39	ug/l #	1
51) 4-Methyl-2-Pentanone	9.917	43	8228	1.46	ug/l	98
54) cis-1,3-Dichloropropene	9.842	75	58691	7.56	ug/l #	67
56) Ethyl methacrylate	10.314	69	367	5.24	ug/l #	27
57) 1,3-Dichloropropane	10.703	76	32639	4.27	ug/l #	43
59) 2-Hexanone	10.706	43	439286	122.88	ug/l #	51
76) 1,2,3-Trichloropropane	12.350	75	123336	30.32	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.350	75	123336	90.06	ug/l #	12
89) n-Butylbenzene	13.640	91	89	5.25	ug/l #	34

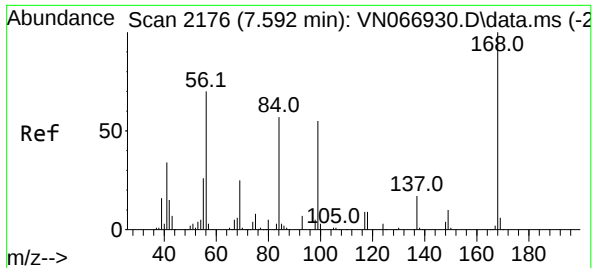
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051021\
Data File : VN067076.D
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ALS Vial : 12 Sample Multiplier: 1

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Quant Time: May 11 01:48:22 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

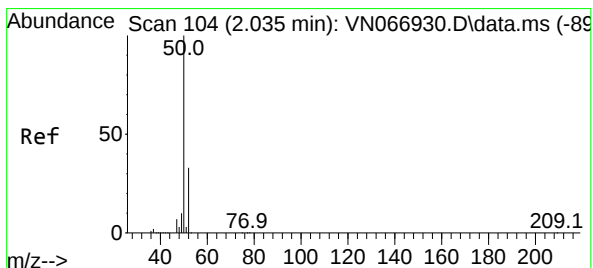
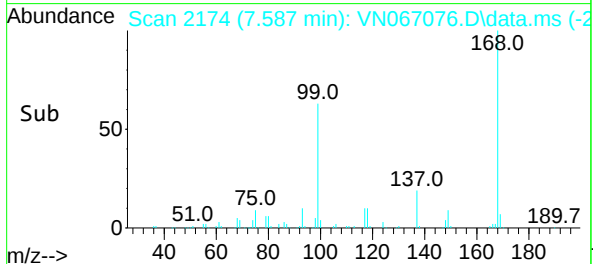
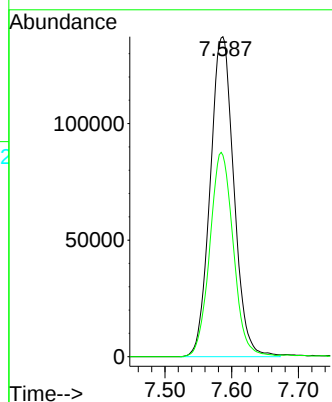
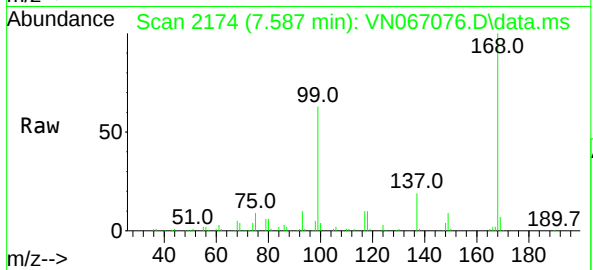




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.587 min Scan# 2174
Delta R.T. -0.005 min
Lab File: VN067076.D
Acq: 10 May 2021 16:55

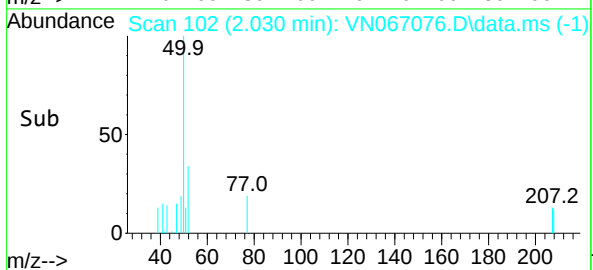
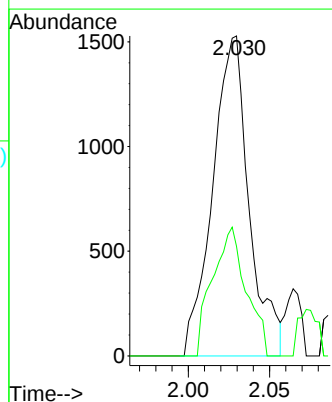
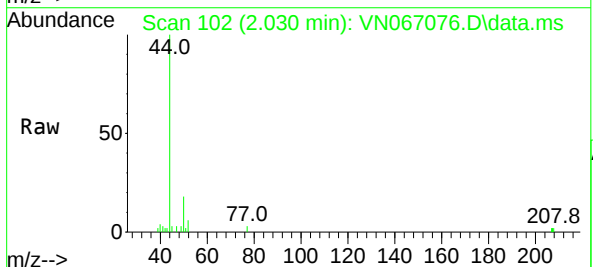
Instrument :
MSVOA_N
ClientSampleId :

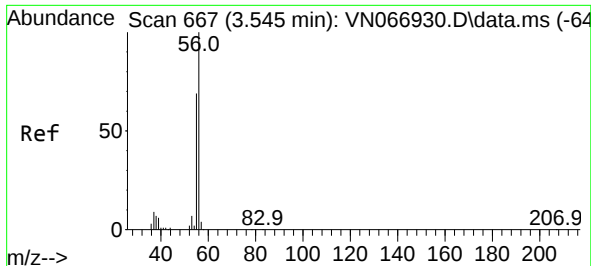
Tgt Ion:168 Resp: 338180
Ion Ratio Lower Upper
168 100
99 62.9 42.6 63.8



#3
Chloromethane
Concen: 0.36 ug/l
RT: 2.030 min Scan# 102
Delta R.T. -0.005 min
Lab File: VN067076.D
Acq: 10 May 2021 16:55

Tgt Ion: 50 Resp: 2383
Ion Ratio Lower Upper
50 100
52 34.2 25.8 38.8

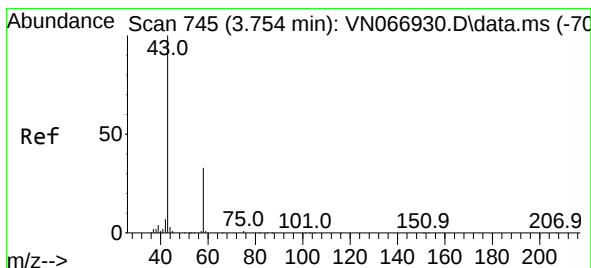
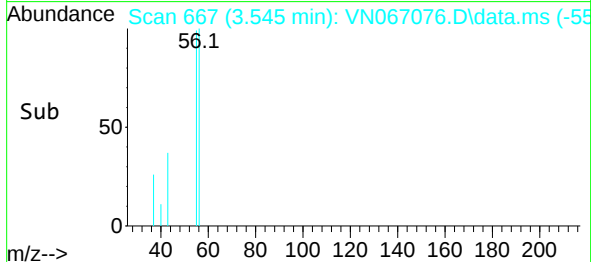
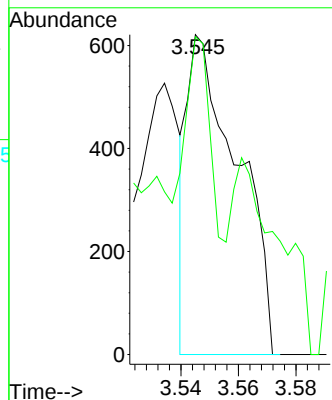
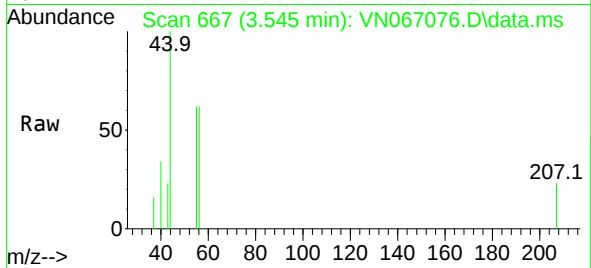




#13
Acrolein
Concen: 1.21 ug/l
RT: 3.545 min Scan# 667
Delta R.T. 0.000 min
Lab File: VN067076.D
Acq: 10 May 2021 16:55

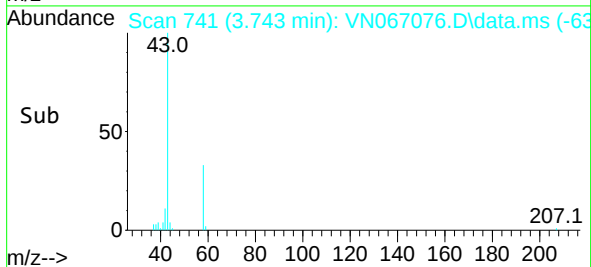
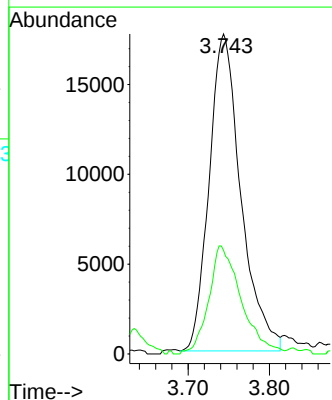
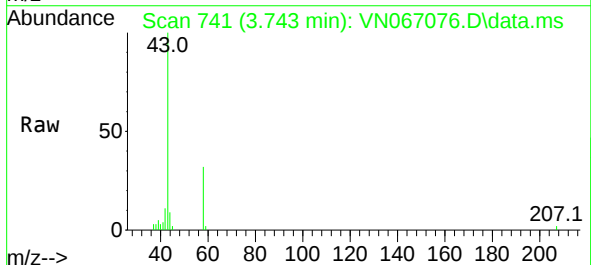
Instrument :
MSVOA_N
ClientSampled :

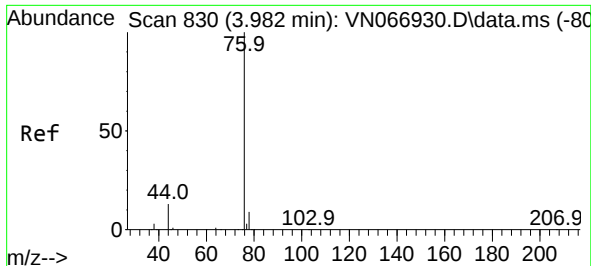
Tgt Ion: 56 Resp: 754
Ion Ratio Lower Upper
56 100
55 62.3 56.0 84.0



#16
Acetone
Concen: 25.57 ug/l
RT: 3.743 min Scan# 741
Delta R.T. -0.011 min
Lab File: VN067076.D
Acq: 10 May 2021 16:55

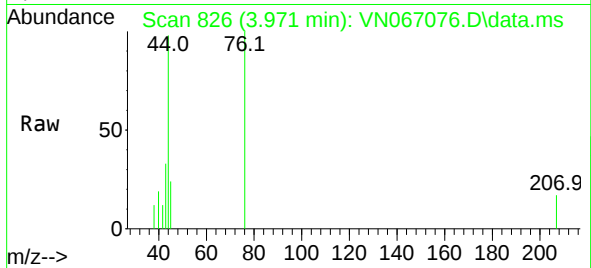
Tgt Ion: 43 Resp: 47890
Ion Ratio Lower Upper
43 100
58 32.7 27.0 40.6



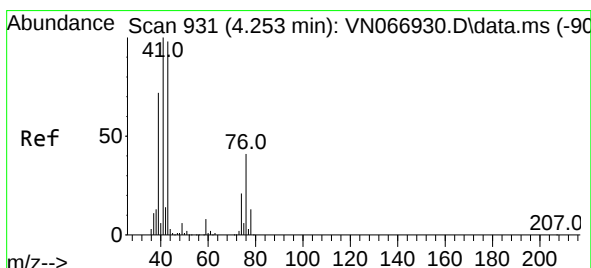
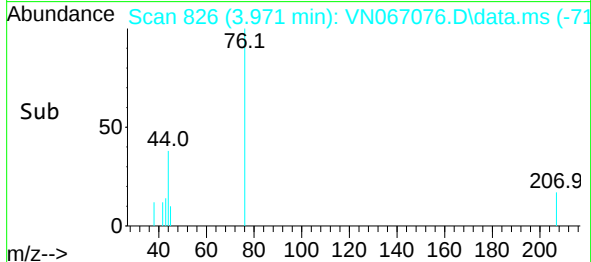
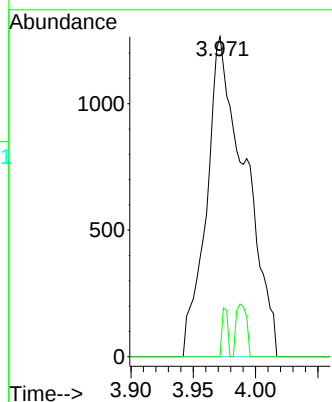


#17
Carbon Disulfide
Concen: 0.24 ug/l
RT: 3.971 min Scan# 826
Delta R.T. -0.011 min
Lab File: VN067076.D
Acq: 10 May 2021 16:55

Instrument :
MSVOA_N
ClientSampleId :

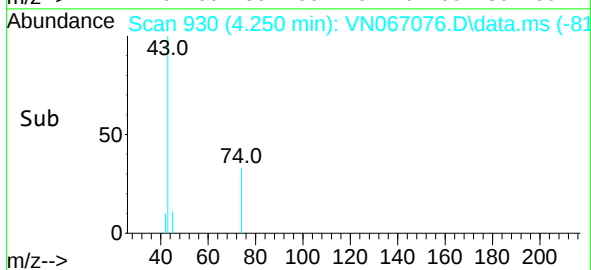
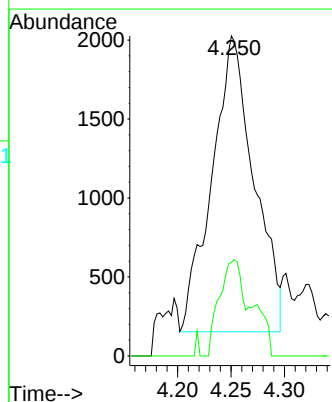
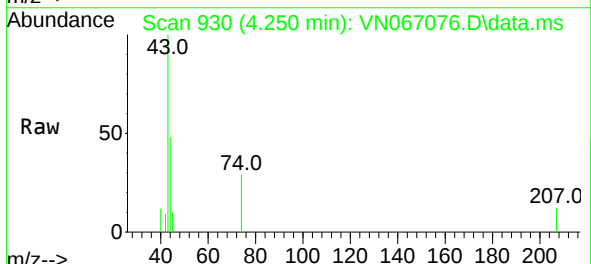


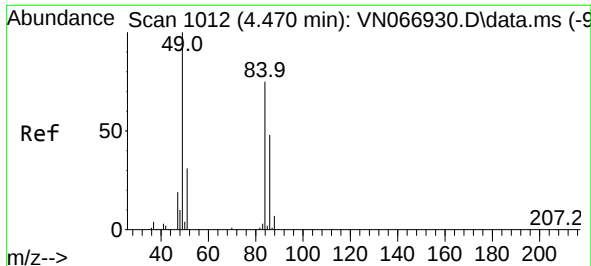
Tgt Ion: 76 Resp: 2720
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#



#18
Methyl Acetate
Concen: 0.96 ug/l
RT: 4.250 min Scan# 930
Delta R.T. -0.003 min
Lab File: VN067076.D
Acq: 10 May 2021 16:55

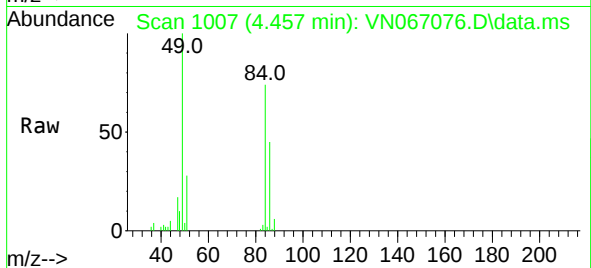
Tgt Ion: 43 Resp: 5150
Ion Ratio Lower Upper
43 100
74 19.6 19.5 29.3



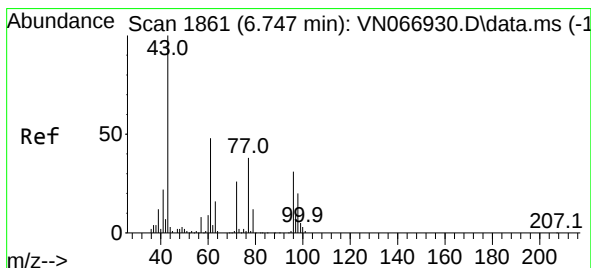
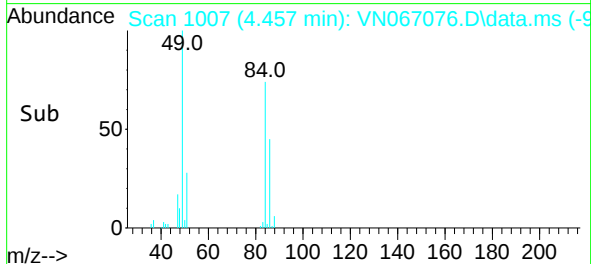
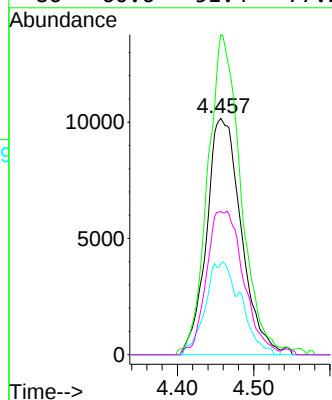


#20
Methylene Chloride
Concen: 6.72 ug/l
RT: 4.457 min Scan# 1007
Delta R.T. -0.013 min
Lab File: VN067076.D
Acq: 10 May 2021 16:55

Instrument :
MSVOA_N
ClientSampleId :

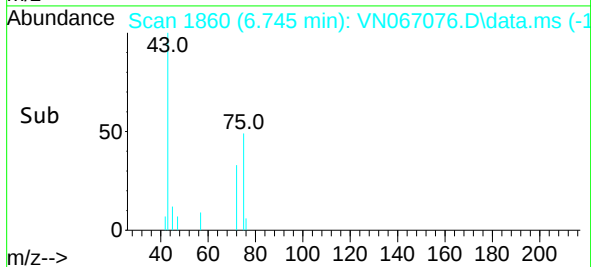
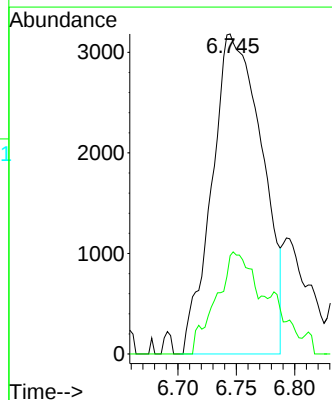
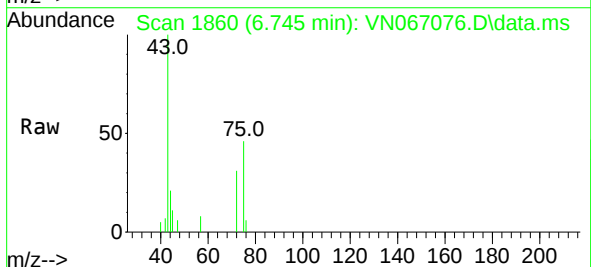


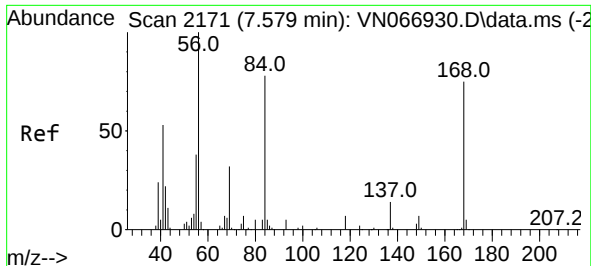
Tgt Ion:	84	Resp:	31932
Ion	Ratio	Lower	Upper
84	100		
49	133.0	94.6	141.8
51	38.4	29.9	44.9
86	60.6	51.4	77.2



#25
2-Butanone
Concen: 3.44 ug/l
RT: 6.745 min Scan# 1860
Delta R.T. -0.002 min
Lab File: VN067076.D
Acq: 10 May 2021 16:55

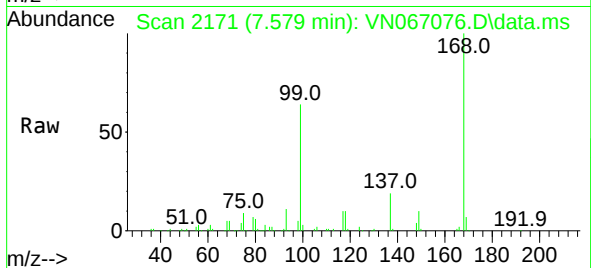
Tgt Ion:	43	Resp:	9493
Ion	Ratio	Lower	Upper
43	100		
72	30.7	23.1	34.7



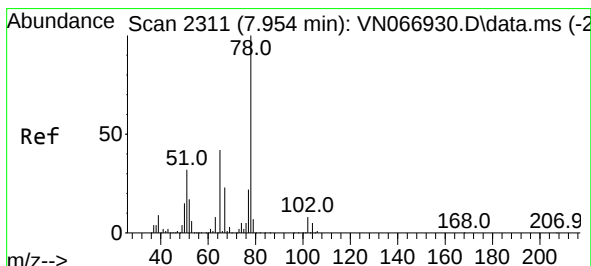
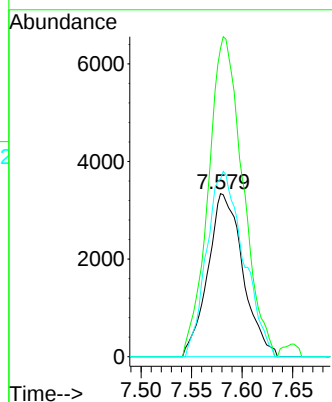
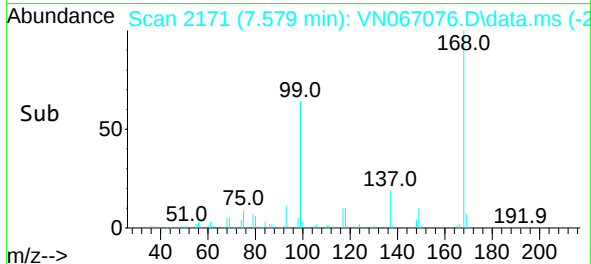


#31
Cyclohexane
Concen: 1.08 ug/l
RT: 7.579 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN067076.D
Acq: 10 May 2021 16:55

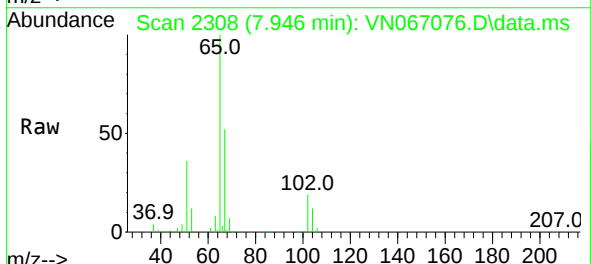
Instrument :
MSVOA_N
ClientSampleId :



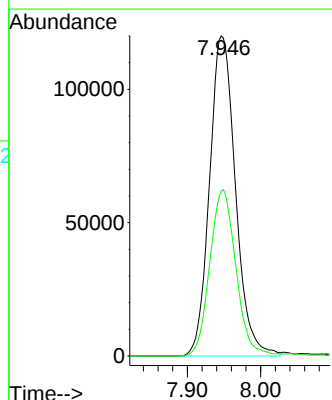
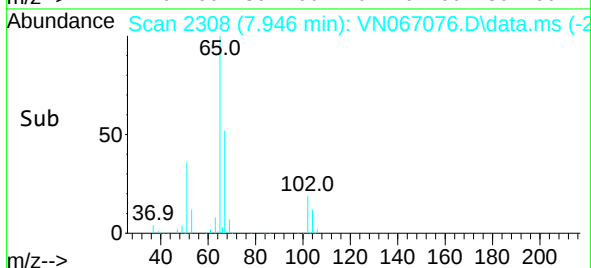
Tgt Ion: 56 Resp: 8053
Ion Ratio Lower Upper
56 100
69 189.1 26.6 39.8#
84 108.9 70.4 105.6#

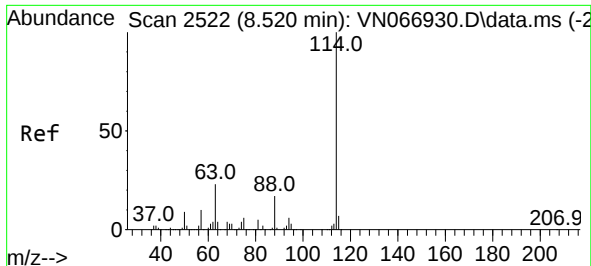


#33
1,2-Dichloroethane-d4
Concen: 55.44 ug/l
RT: 7.946 min Scan# 2308
Delta R.T. -0.008 min
Lab File: VN067076.D
Acq: 10 May 2021 16:55



Tgt Ion: 65 Resp: 295127
Ion Ratio Lower Upper
65 100
67 52.1 0.0 107.2

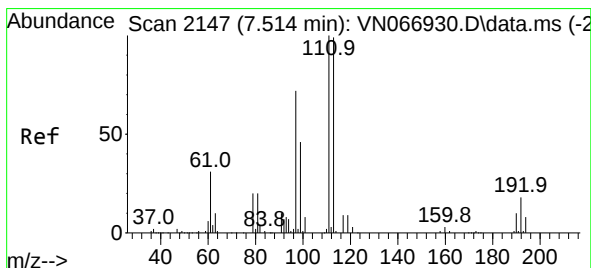
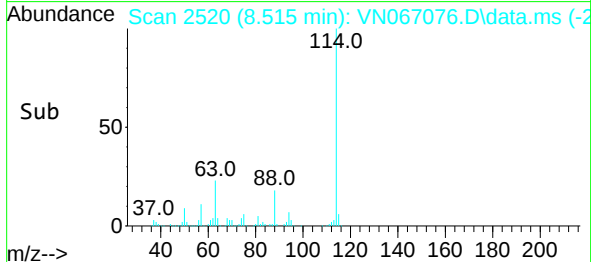
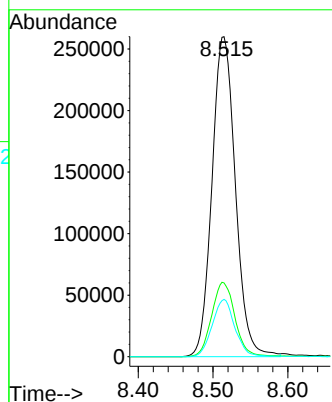
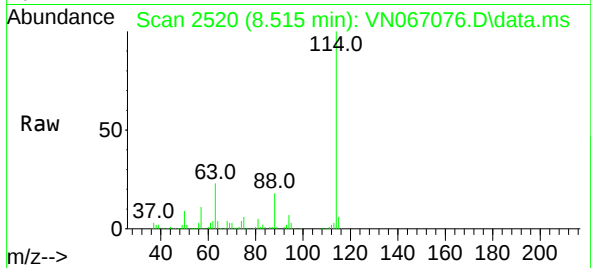




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.515 min Scan# 2520
Delta R.T. -0.005 min
Lab File: VN067076.D
Acq: 10 May 2021 16:55

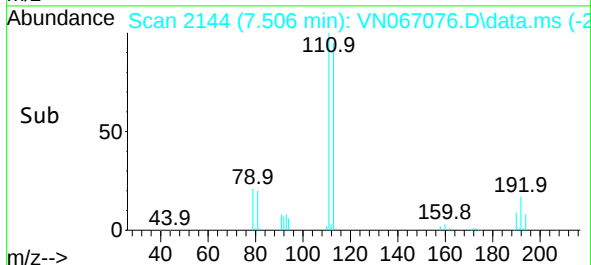
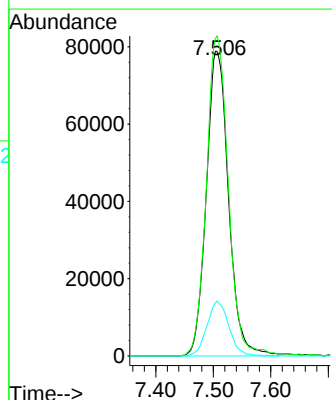
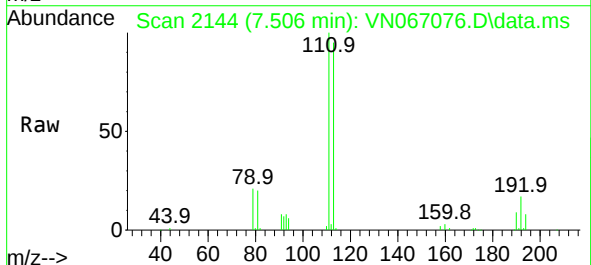
Instrument :
MSVOA_N
ClientSampled :

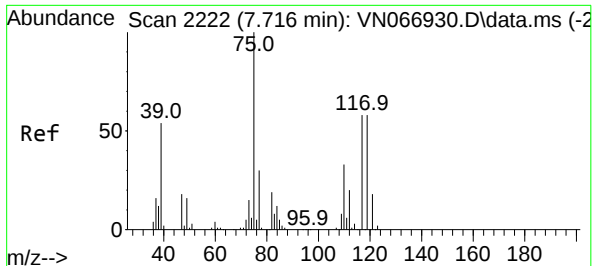
Tgt Ion:114 Resp: 566138
Ion Ratio Lower Upper
114 100
63 23.1 0.0 38.6
88 17.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 55.10 ug/l
RT: 7.506 min Scan# 2144
Delta R.T. -0.008 min
Lab File: VN067076.D
Acq: 10 May 2021 16:55

Tgt Ion:113 Resp: 211813
Ion Ratio Lower Upper
113 100
111 104.1 82.2 123.2
192 17.6 15.4 23.0

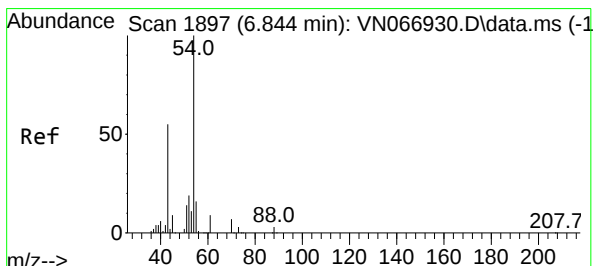
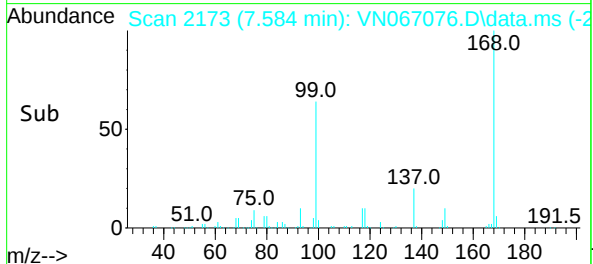
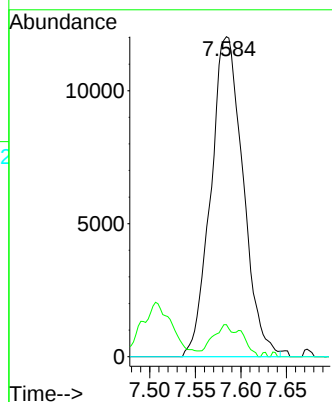
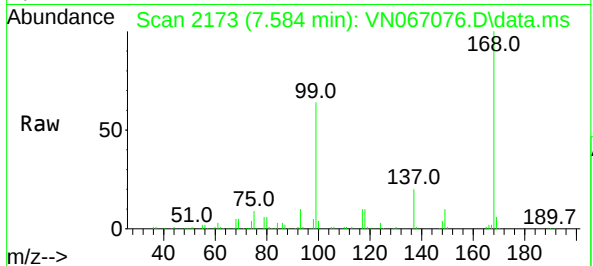




#36
1,1-Dichloropropene
Concen: 5.02 ug/l
RT: 7.584 min Scan# 2173
Delta R.T. -0.132 min
Lab File: VN067076.D
Acq: 10 May 2021 16:55

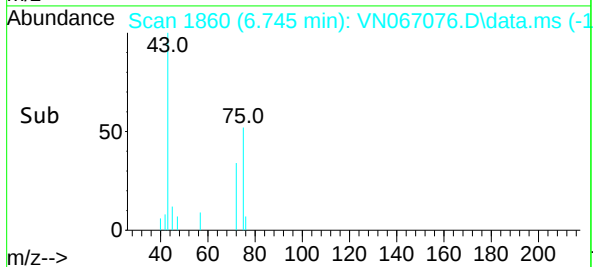
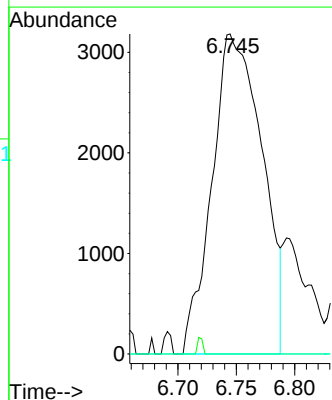
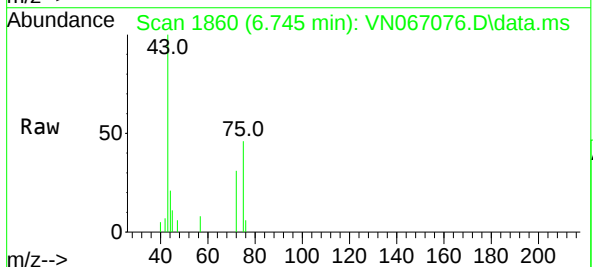
Instrument :
MSVOA_N
ClientSampleId :

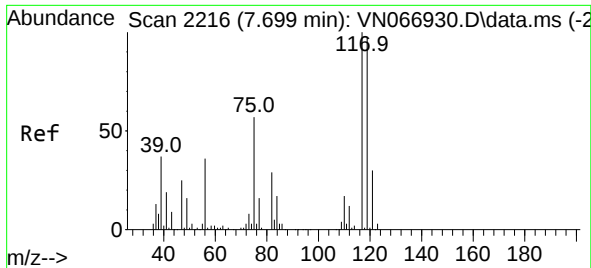
Tgt Ion: 75 Resp: 29597
Ion Ratio Lower Upper
75 100
110 4.5 18.2 54.6#
77 0.0 24.9 37.3#



#37
Ethyl Acetate
Concen: 1.58 ug/l
RT: 6.745 min Scan# 1860
Delta R.T. -0.099 min
Lab File: VN067076.D
Acq: 10 May 2021 16:55

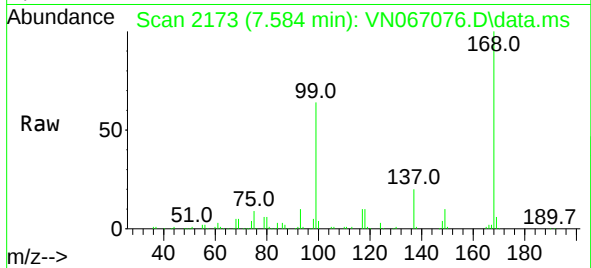
Tgt Ion: 43 Resp: 9493
Ion Ratio Lower Upper
43 100
61 0.0 11.6 17.4#
70 0.0 8.6 13.0#



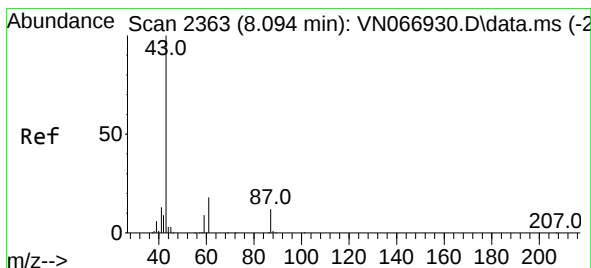
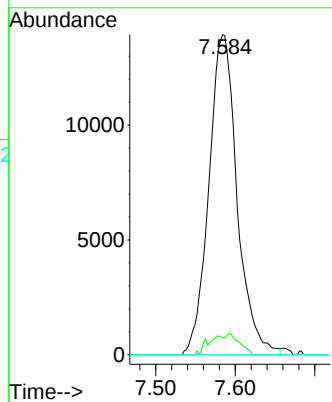
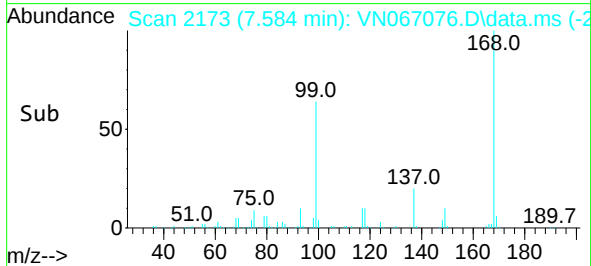


#38
Carbon Tetrachloride
Concen: 5.60 ug/l
RT: 7.584 min Scan# 2173
Delta R.T. -0.115 min
Lab File: VN067076.D
Acq: 10 May 2021 16:55

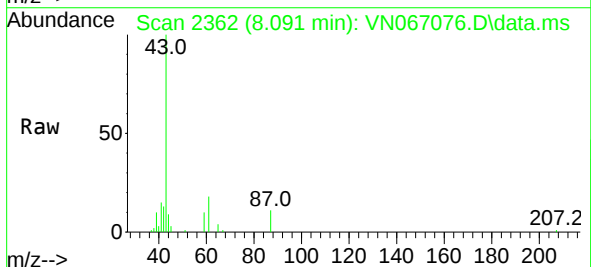
Instrument :
MSVOA_N
ClientSampleId :



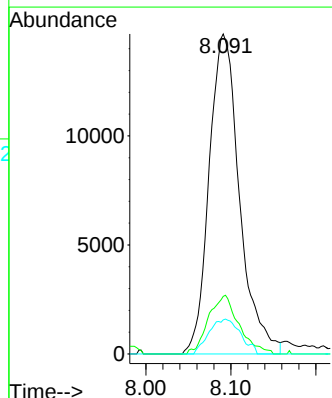
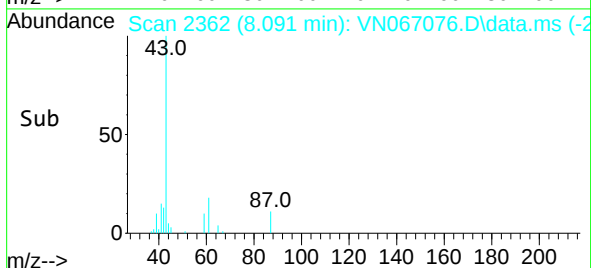
Tgt Ion:117 Resp: 34445
Ion Ratio Lower Upper
117 100
119 5.3 76.0 114.0#
121 0.0 24.5 36.7#

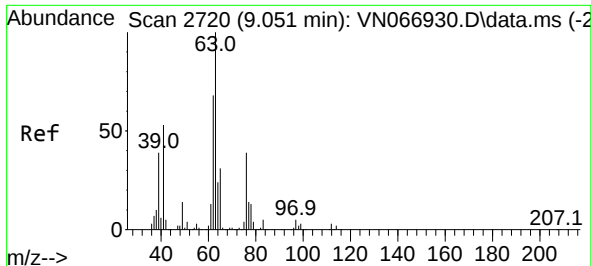


#43
Isopropyl Acetate
Concen: 3.73 ug/l
RT: 8.091 min Scan# 2362
Delta R.T. -0.003 min
Lab File: VN067076.D
Acq: 10 May 2021 16:55



Tgt Ion: 43 Resp: 36386
Ion Ratio Lower Upper
43 100
61 18.5 22.5 33.7#
87 11.3 11.1 16.7



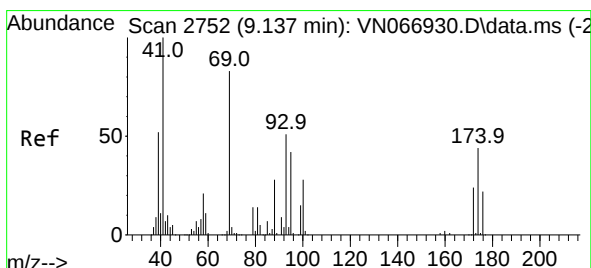
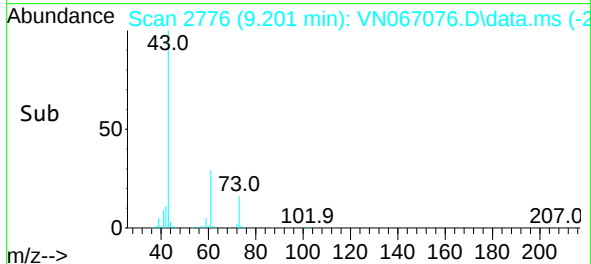
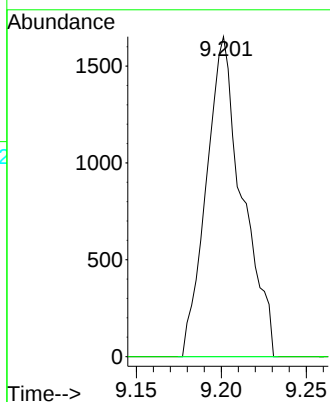
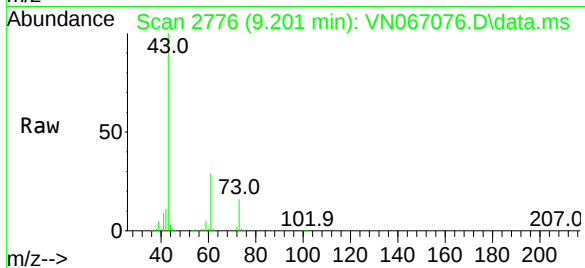


#45

1,2-Dichloropropane
Concen: 0.47 ug/l
RT: 9.201 min Scan# 2776
Delta R.T. 0.150 min
Lab File: VN067076.D
Acq: 10 May 2021 16:55

Instrument :
MSVOA_N
ClientSampled :

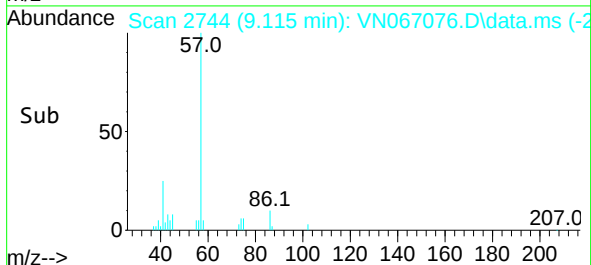
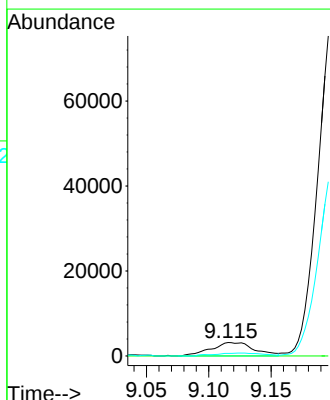
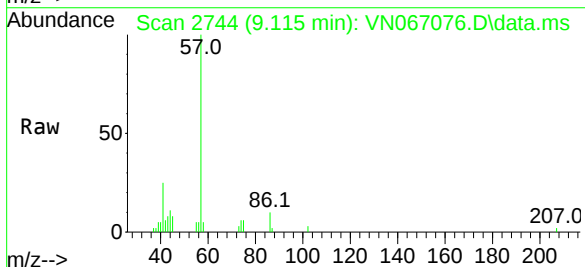
Tgt Ion: 63 Resp: 2432
Ion Ratio Lower Upper
63 100
65 0.0 24.9 37.3#

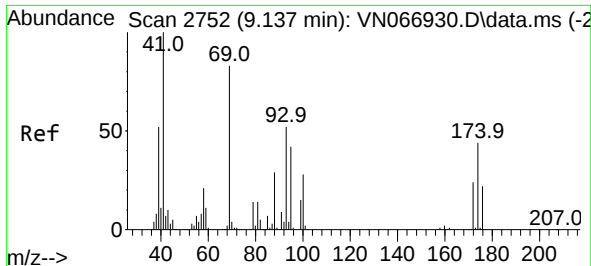


#48

Methyl methacrylate
Concen: 1.77 ug/l
RT: 9.115 min Scan# 2744
Delta R.T. -0.022 min
Lab File: VN067076.D
Acq: 10 May 2021 16:55

Tgt Ion: 41 Resp: 7636
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: 0.39 ug/l

RT: 9.204 min Scan# 2777

Delta R.T. 0.067 min

Lab File: VN067076.D

Acq: 10 May 2021 16:55

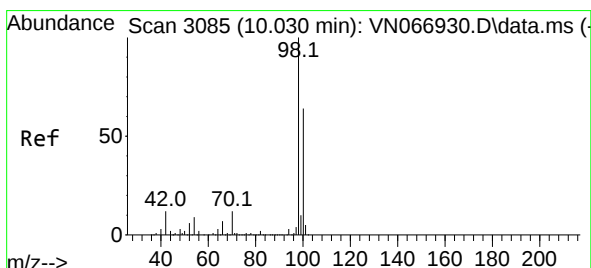
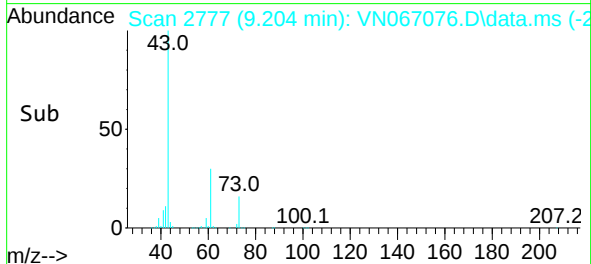
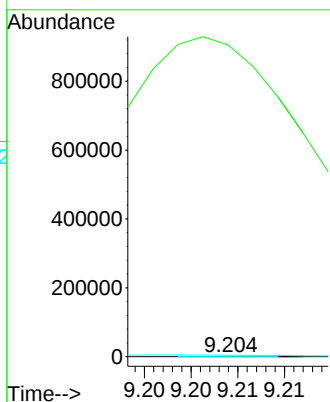
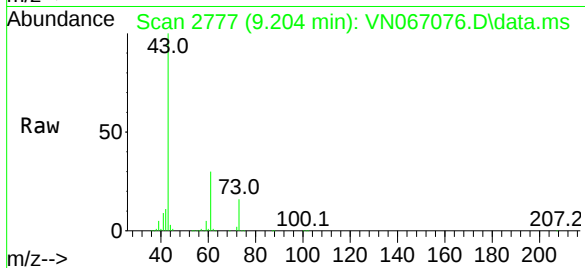
Tgt Ion: 88 Resp: 27

Ion Ratio Lower Upper

88 100

43 6674833.3 24.7 37.1#

58 39092.6 52.6 78.8#



#50

Toluene-d8

Concen: 54.86 ug/l

RT: 10.027 min Scan# 3084

Delta R.T. -0.003 min

Lab File: VN067076.D

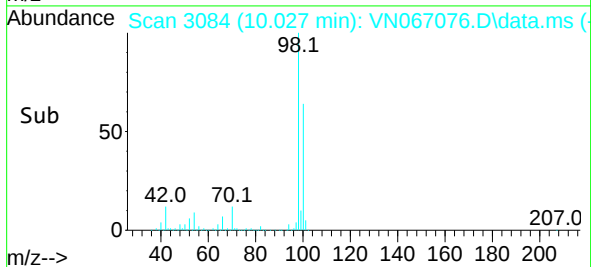
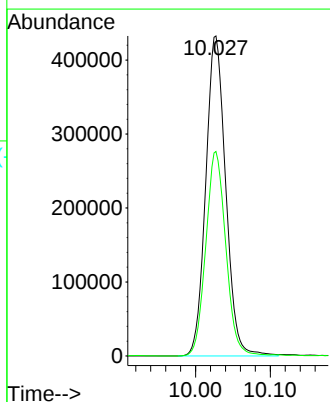
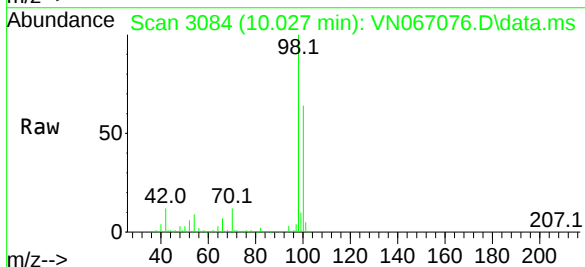
Acq: 10 May 2021 16:55

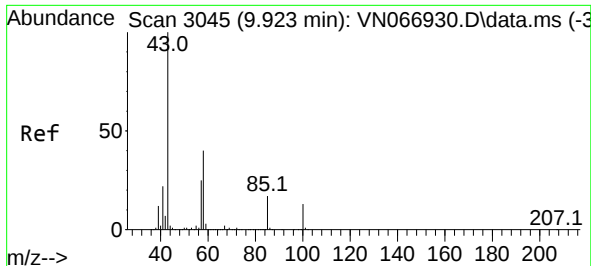
Tgt Ion: 98 Resp: 803103

Ion Ratio Lower Upper

98 100

100 64.1 50.5 75.7

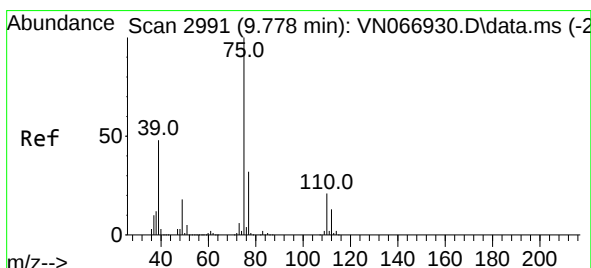
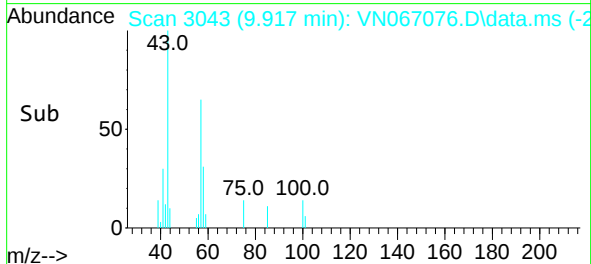
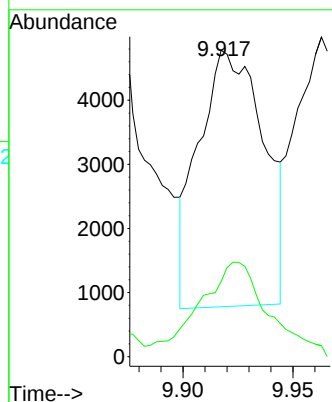
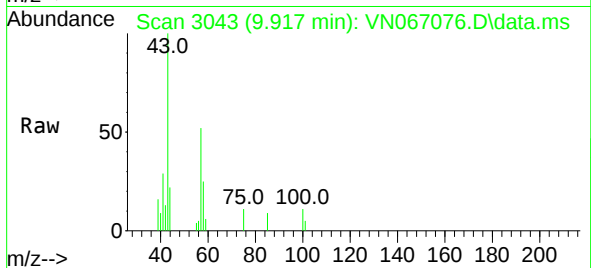




#51
4-Methyl-2-Pentanone
Concen: 1.46 ug/l
RT: 9.917 min Scan# 3043
Delta R.T. -0.006 min
Lab File: VN067076.D
Acq: 10 May 2021 16:55

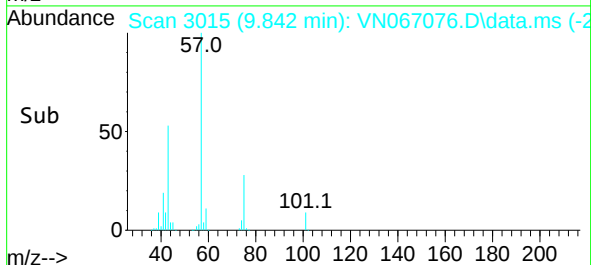
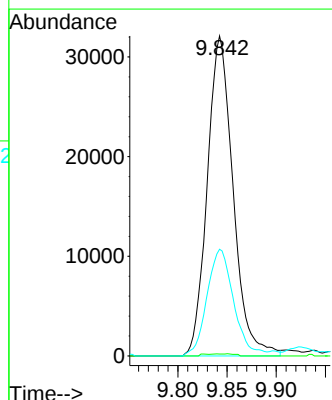
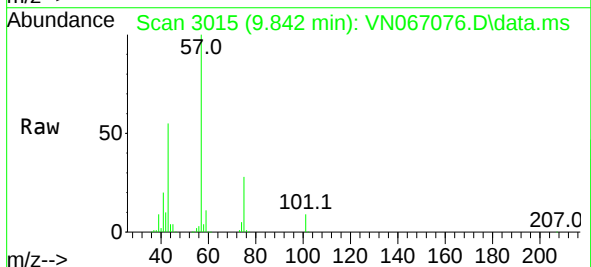
Instrument :
MSVOA_N
ClientSampled :

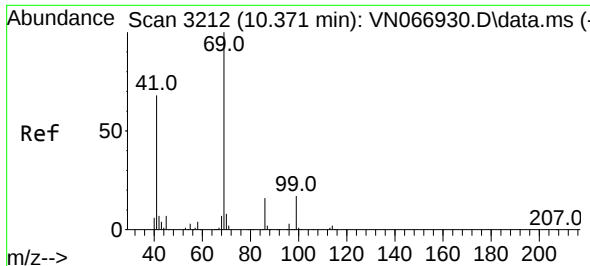
Tgt Ion: 43 Resp: 8228
Ion Ratio Lower Upper
43 100
58 39.2 32.5 48.7



#54
cis-1,3-Dichloropropene
Concen: 7.56 ug/l
RT: 9.842 min Scan# 3015
Delta R.T. 0.064 min
Lab File: VN067076.D
Acq: 10 May 2021 16:55

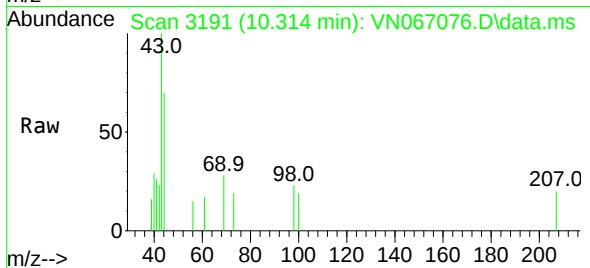
Tgt Ion: 75 Resp: 58691
Ion Ratio Lower Upper
75 100
77 0.6 24.9 37.3#
39 33.3 36.2 54.4#



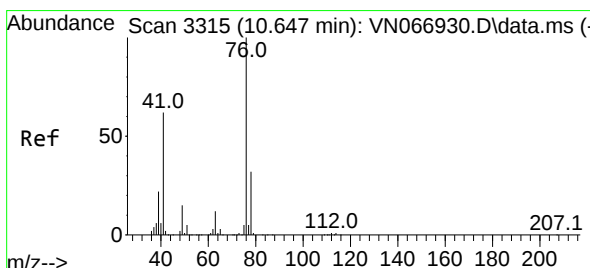
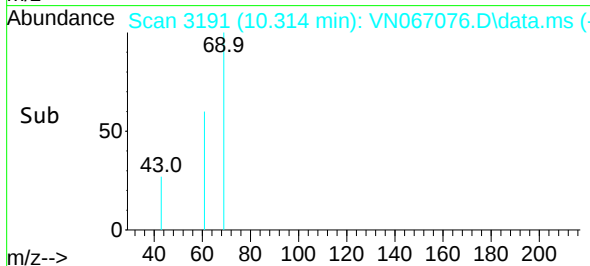
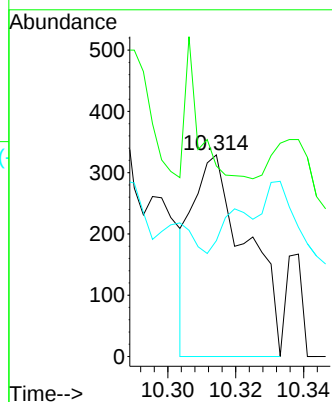


#56
Ethyl methacrylate
Concen: 5.24 ug/l
RT: 10.314 min Scan# 3191
Delta R.T. -0.057 min
Lab File: VN067076.D
Acq: 10 May 2021 16:55

Instrument :
MSVOA_N
ClientSampleId :

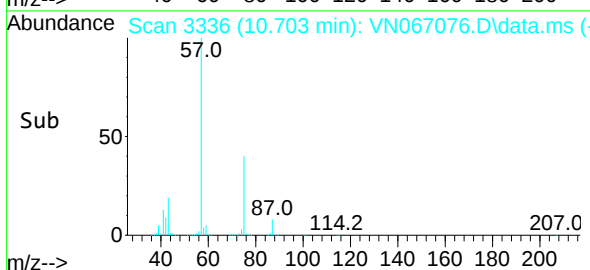
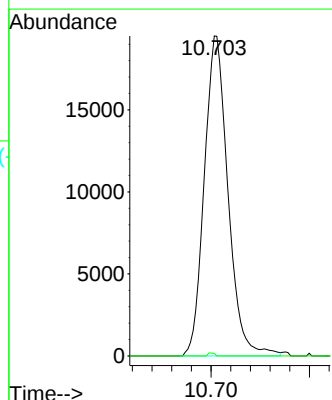
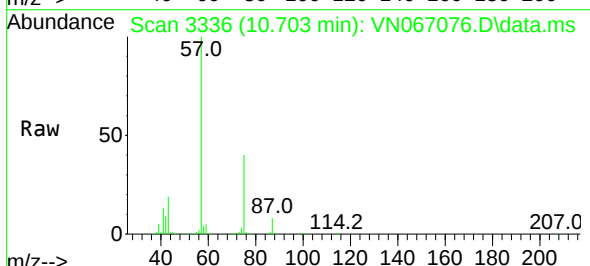


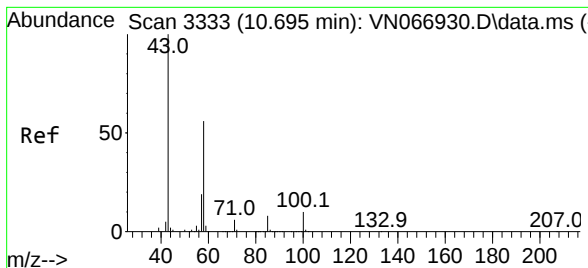
Tgt Ion: 69 Resp: 367
Ion Ratio Lower Upper
69 100
41 0.0 49.6 74.4#
39 0.0 28.0 42.0#



#57
1,3-Dichloropropane
Concen: 4.27 ug/l
RT: 10.703 min Scan# 3336
Delta R.T. 0.056 min
Lab File: VN067076.D
Acq: 10 May 2021 16:55

Tgt Ion: 76 Resp: 32639
Ion Ratio Lower Upper
76 100
78 0.3 25.7 38.5#

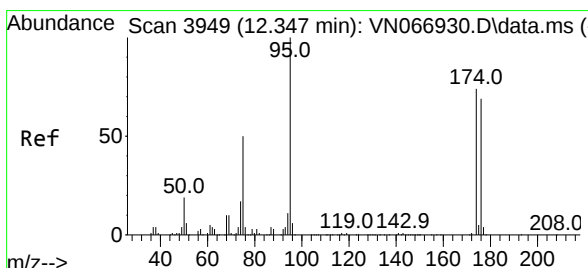
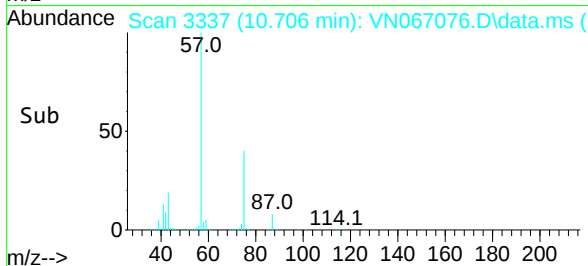
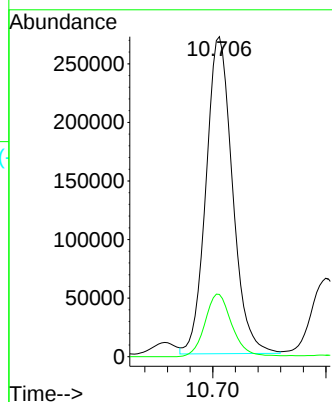
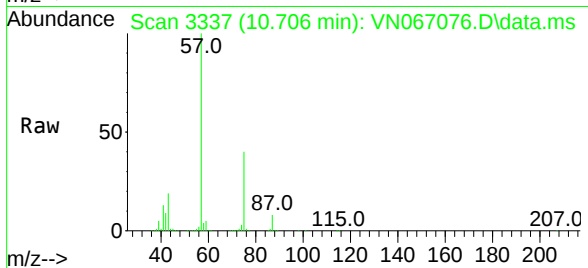




#59
2-Hexanone
Concen: 122.88 ug/l
RT: 10.706 min Scan# 3337
Delta R.T. 0.011 min
Lab File: VN067076.D
Acq: 10 May 2021 16:55

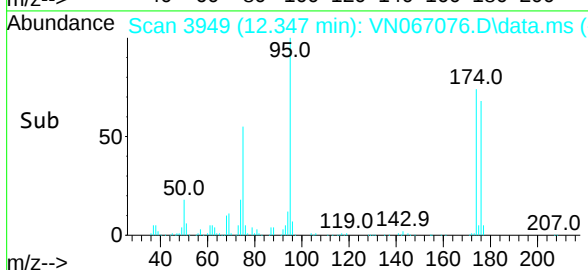
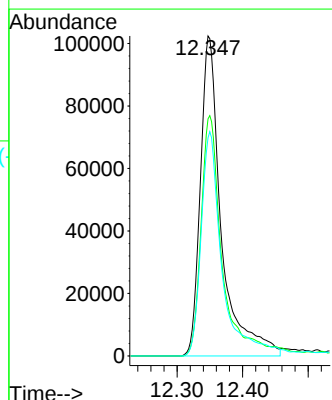
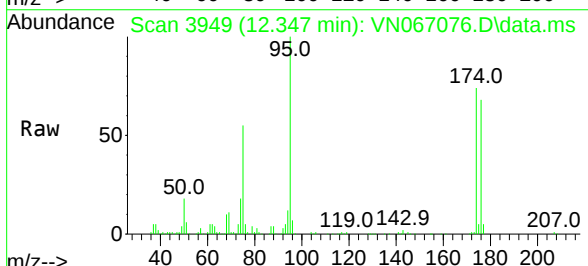
Instrument :
MSVOA_N
ClientSampled :

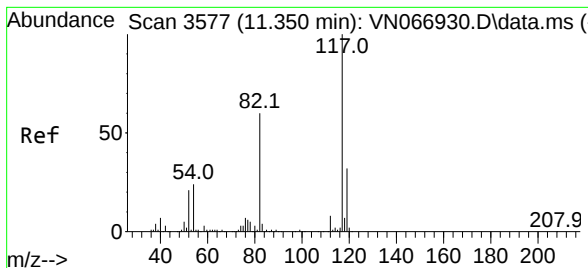
Tgt Ion: 43 Resp: 439286
Ion Ratio Lower Upper
43 100
58 20.2 28.1 84.3#



#62
4-Bromofluorobenzene
Concen: 45.95 ug/l
RT: 12.347 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN067076.D
Acq: 10 May 2021 16:55

Tgt Ion: 95 Resp: 227784
Ion Ratio Lower Upper
95 100
174 74.3 0.0 169.0
176 70.3 0.0 162.4

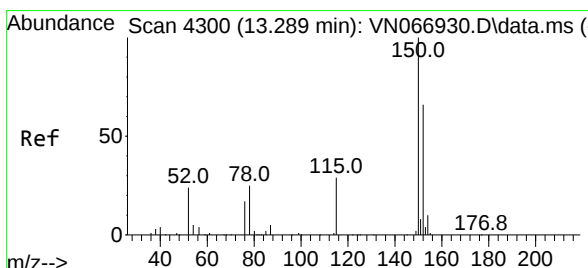
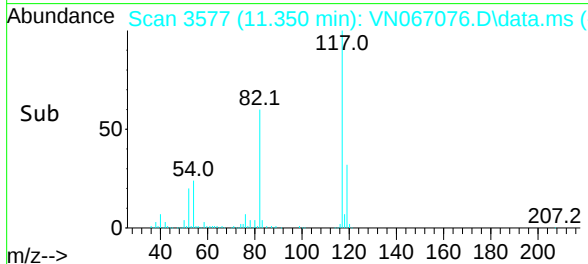
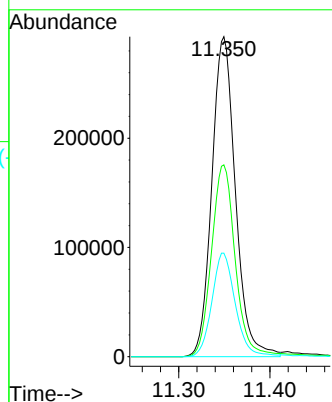
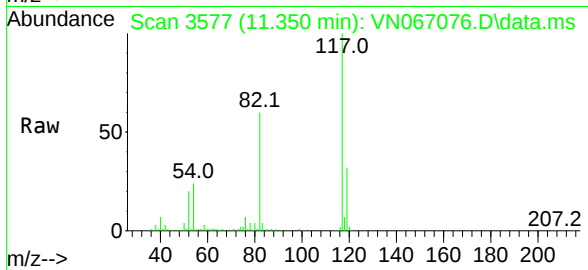




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.350 min Scan# 3577
Delta R.T. -0.000 min
Lab File: VN067076.D
Acq: 10 May 2021 16:55

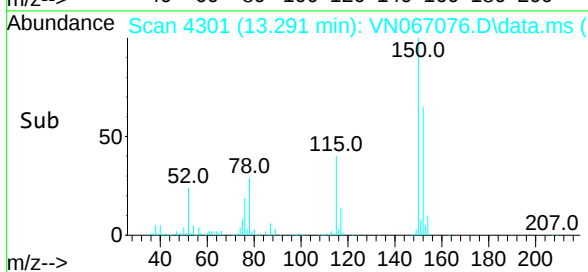
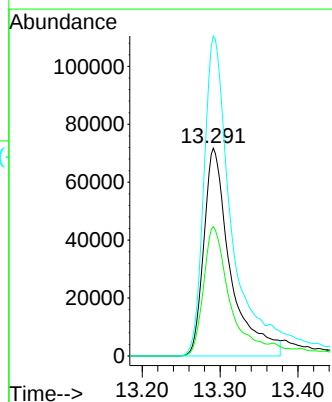
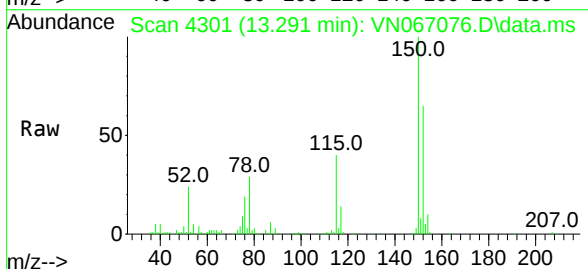
Instrument :
MSVOA_N
ClientSampleId :

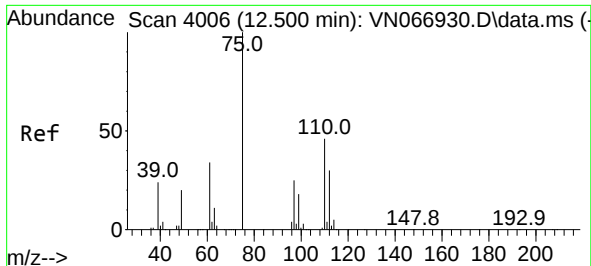
Tgt Ion:117 Resp: 527296
Ion Ratio Lower Upper
117 100
82 60.0 43.7 65.5
119 32.3 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.291 min Scan# 4301
Delta R.T. 0.002 min
Lab File: VN067076.D
Acq: 10 May 2021 16:55

Tgt Ion:152 Resp: 170762
Ion Ratio Lower Upper
152 100
115 61.1 28.5 85.6
150 152.7 0.0 347.6

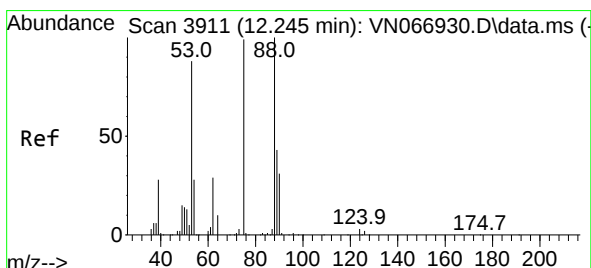
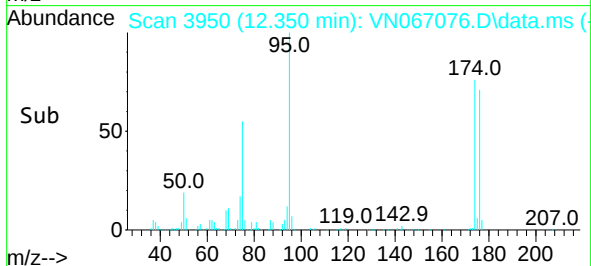
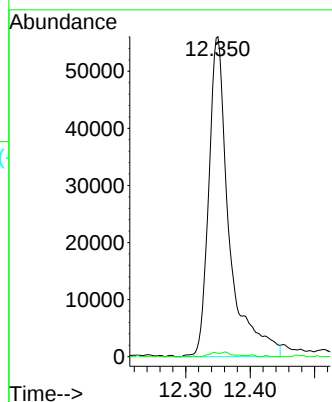
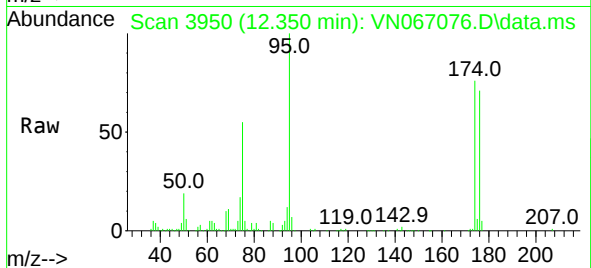




#76
1,2,3-Trichloropropane
Concen: 30.32 ug/l
RT: 12.350 min Scan# 3950
Delta R.T. -0.150 min
Lab File: VN067076.D
Acq: 10 May 2021 16:55

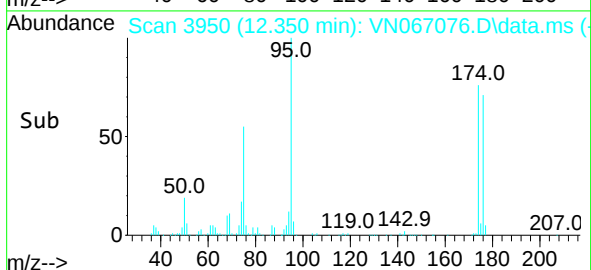
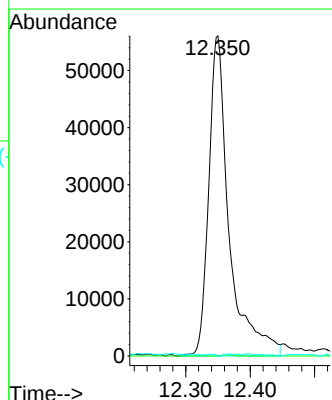
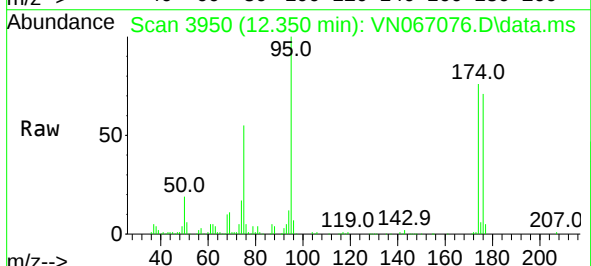
Instrument :
MSVOA_N
ClientSampleId :

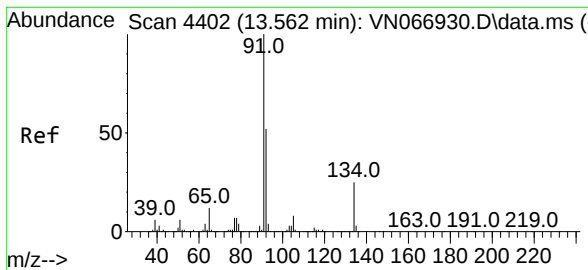
Tgt Ion: 75 Resp: 123336
Ion Ratio Lower Upper
75 100
77 0.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.06 ug/l
RT: 12.350 min Scan# 3950
Delta R.T. 0.105 min
Lab File: VN067076.D
Acq: 10 May 2021 16:55

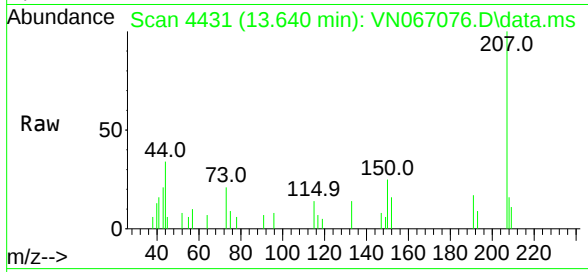
Tgt Ion: 75 Resp: 123336
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.3 35.8 53.8#





#89
 n-Butylbenzene
 Concen: 5.25 ug/l
 RT: 13.640 min Scan# 4431
 Delta R.T. 0.078 min
 Lab File: VN067076.D
 Acq: 10 May 2021 16:55

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 91	Resp: 89
Ion Ratio	Lower Upper
91	100
92	0.0 26.1 78.3#
134	0.0 13.0 38.9#

