

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050421\
 Data File : VN066970.D
 Acq On : 5 May 2021 5:57
 Operator : JC/MD
 Sample : M2256-17
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 05 07:51:37 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

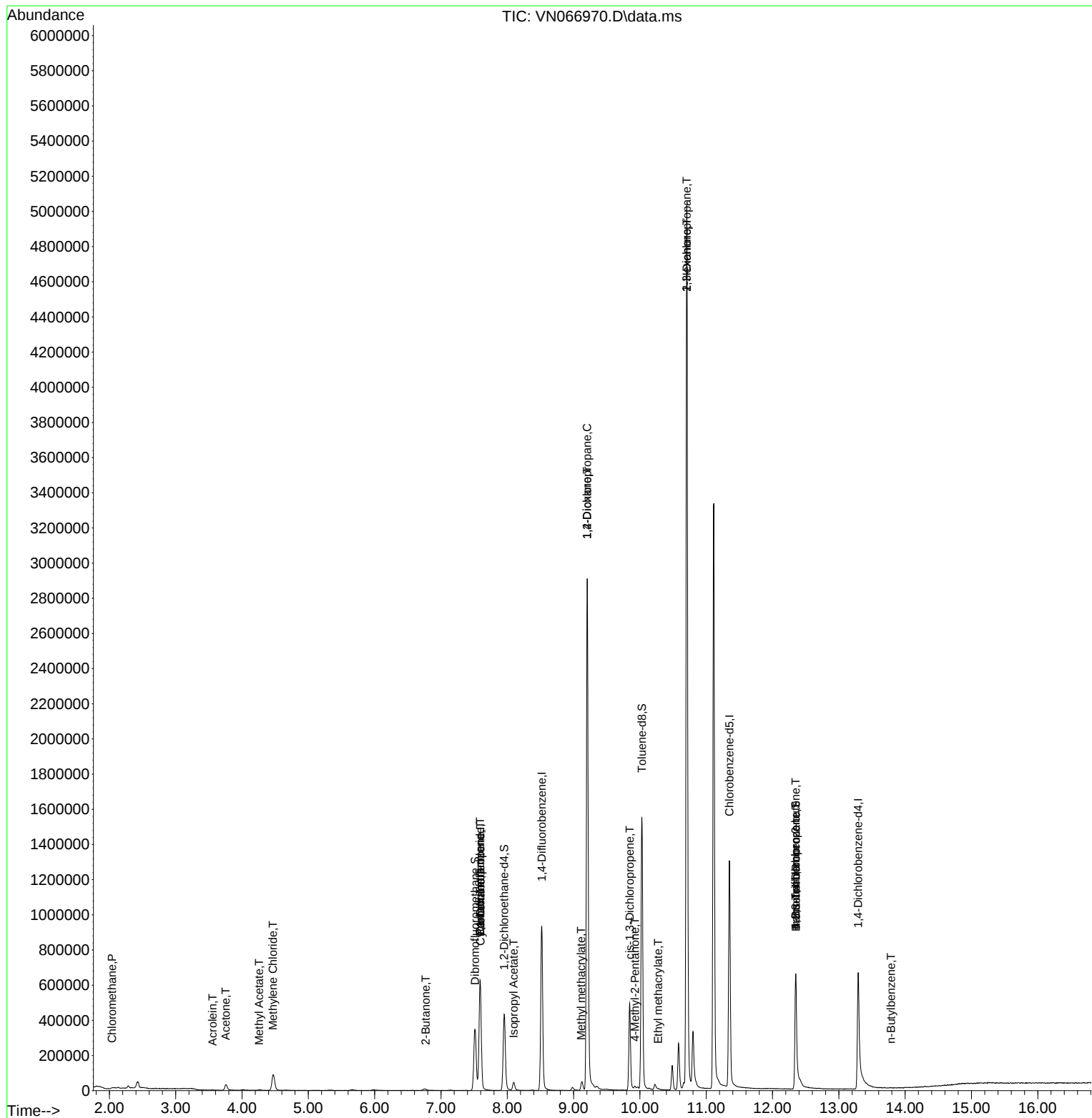
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.592	168	468878	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.520	114	793199	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	747117	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.291	152	252083	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.954	65	388186	52.60	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 105.20%	
35) Dibromofluoromethane	7.514	113	278993	51.80	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 103.60%	
50) Toluene-d8	10.030	98	1064368	51.89	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 103.78%	
62) 4-Bromofluorobenzene	12.350	95	309156	44.51	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 89.02%	
Target Compounds						
						Qvalue
3) Chloromethane	2.038	50	1938	0.21	ug/l	89
13) Acrolein	3.558	56	801	0.92	ug/l	92
16) Acetone	3.754	43	56038	21.58	ug/l	96
18) Methyl Acetate	4.258	43	6485	0.87	ug/l #	75
20) Methylene Chloride	4.468	84	67316	10.22	ug/l	97
25) 2-Butanone	6.771	43	8580	2.24	ug/l #	88
31) Cyclohexane	7.597	56	12174	1.17	ug/l #	7
36) 1,1-Dichloropropene	7.592	75	40852	4.95	ug/l #	49
38) Carbon Tetrachloride	7.589	117	50164	5.82	ug/l #	17
43) Isopropyl Acetate	8.096	43	56584	4.14	ug/l #	77
45) 1,2-Dichloropropane	9.204	63	3808	0.53	ug/l #	44
48) Methyl methacrylate	9.113	41	12483	2.06	ug/l #	10
49) 1,4-Dioxane	9.204	88	351	3.66	ug/l #	1
51) 4-Methyl-2-Pentanone	9.925	43	13760	1.74	ug/l #	81
54) cis-1,3-Dichloropropene	9.845	75	92146	8.47	ug/l #	63
56) Ethyl methacrylate	10.274	69	177	5.21	ug/l #	27
57) 1,3-Dichloropropane	10.709	76	50976	4.76	ug/l #	43
59) 2-Hexanone	10.709	43	730138	140.48	ug/l #	50
71) Bromoform	12.353	173	1695	0.38	ug/l #	1
76) 1,2,3-Trichloropropane	12.350	75	147614	24.58	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.350	75	147614	74.06	ug/l #	13
89) n-Butylbenzene	13.787	91	25	5.24	ug/l #	34

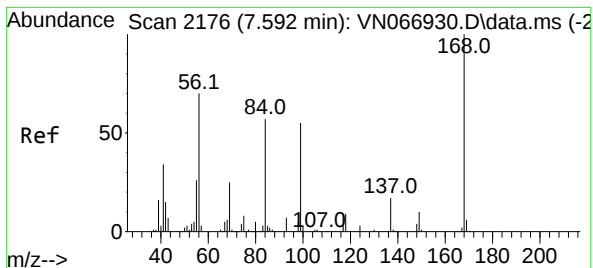
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.592 min Scan# 2176

Delta R.T. 0.000 min

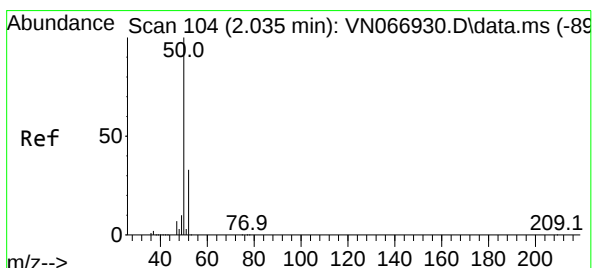
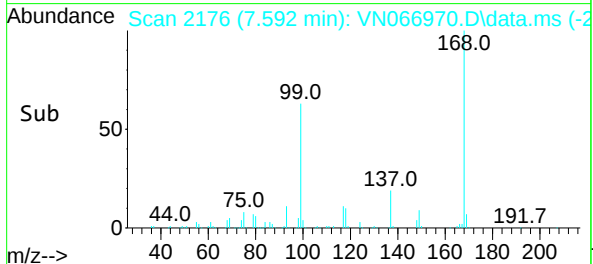
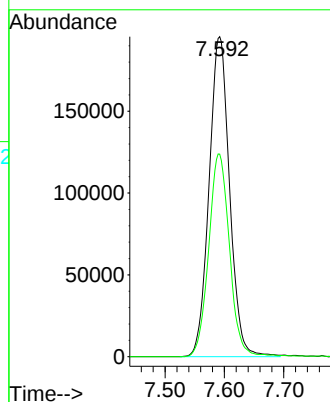
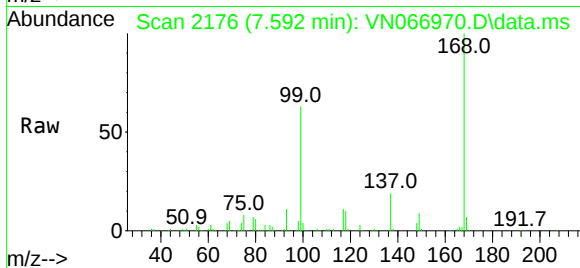
Lab File: VN066970.D

Acq: 5 May 2021 5:57

Tgt Ion:168 Resp: 468878

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
168	100		
99	63.3	42.6	63.8



#3

Chloromethane

Concen: 0.21 ug/l

RT: 2.038 min Scan# 105

Delta R.T. 0.003 min

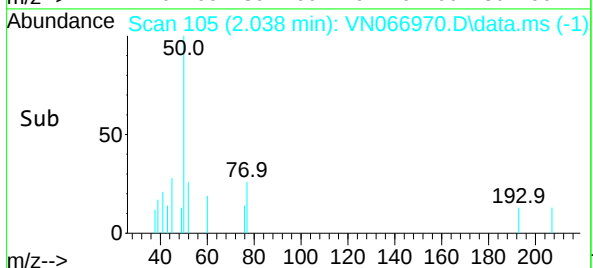
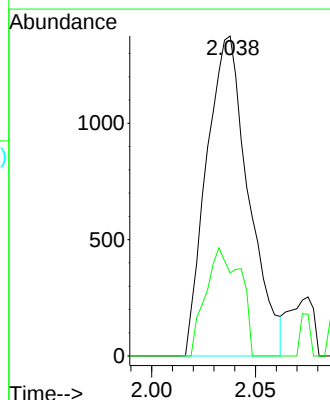
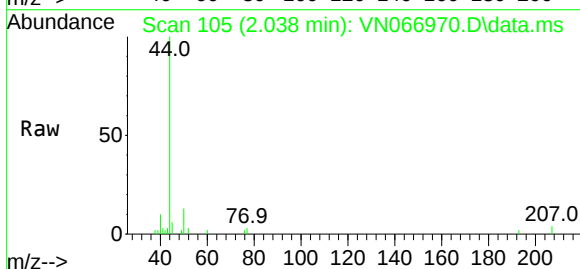
Lab File: VN066970.D

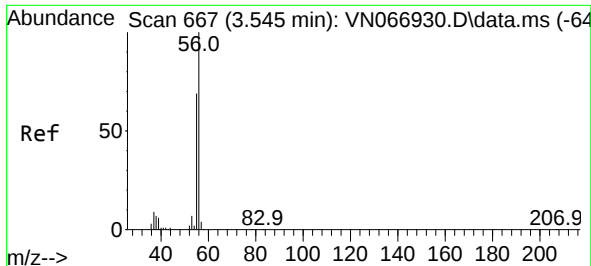
Acq: 5 May 2021 5:57

Tgt Ion: 50 Resp: 1938

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
50	100		
52	26.0	25.8	38.8

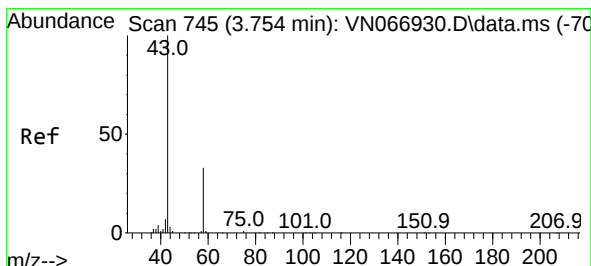
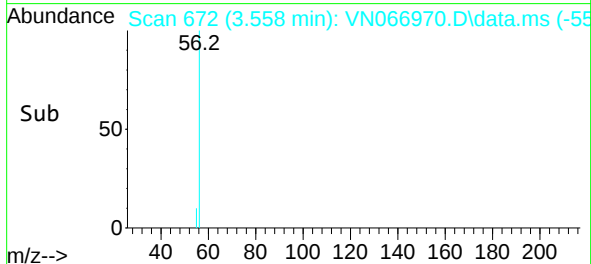
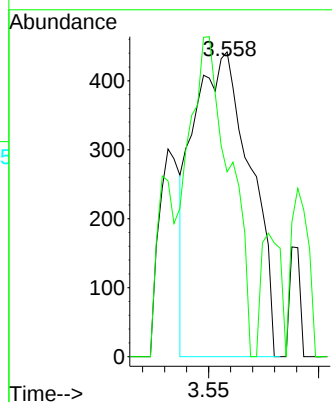
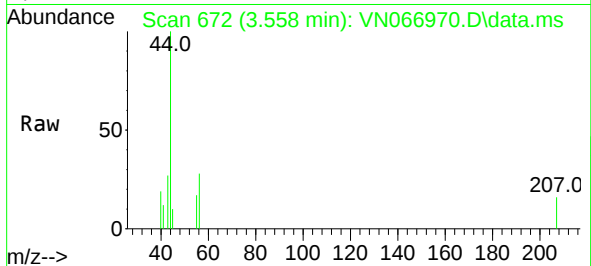




#13
Acrolein
Concen: 0.92 ug/l
RT: 3.558 min Scan# 672
Delta R.T. 0.013 min
Lab File: VN066970.D
Acq: 5 May 2021 5:57

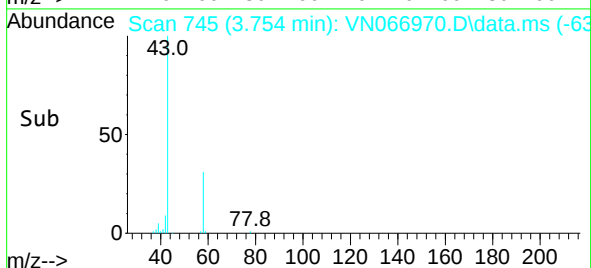
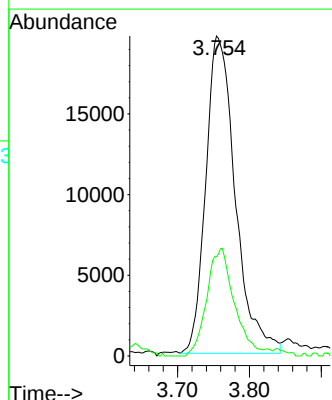
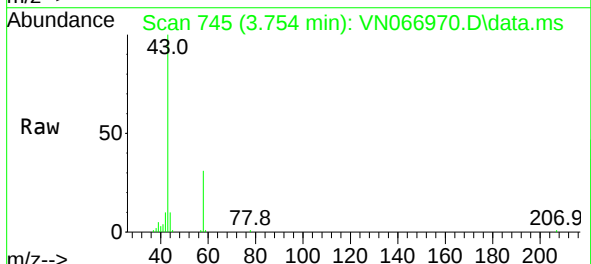
Instrument :
MSVOA_N
ClientSampled :

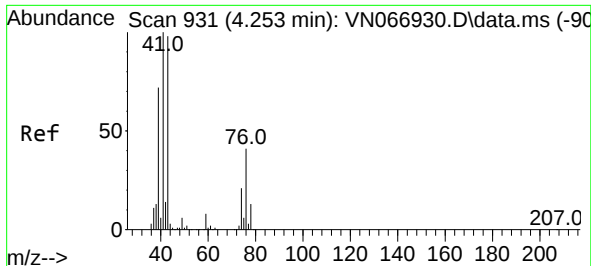
Tgt Ion: 56 Resp: 801
Ion Ratio Lower Upper
56 100
55 76.8 56.0 84.0



#16
Acetone
Concen: 21.58 ug/l
RT: 3.754 min Scan# 745
Delta R.T. 0.000 min
Lab File: VN066970.D
Acq: 5 May 2021 5:57

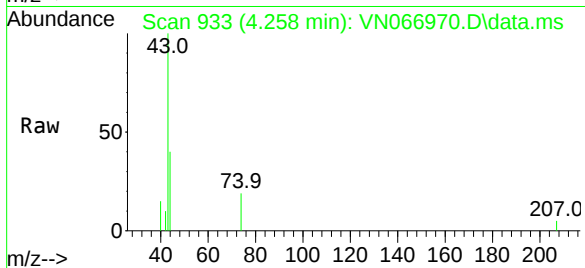
Tgt Ion: 43 Resp: 56038
Ion Ratio Lower Upper
43 100
58 31.3 27.0 40.6



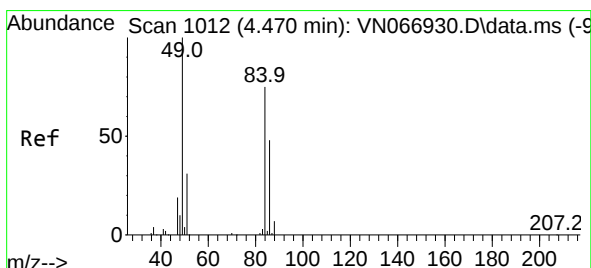
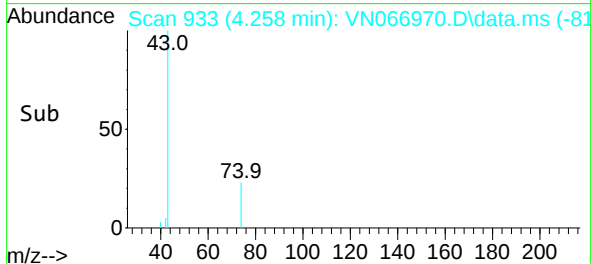
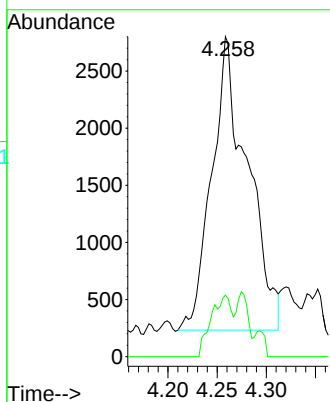


#18
Methyl Acetate
Concen: 0.87 ug/l
RT: 4.258 min Scan# 933
Delta R.T. 0.005 min
Lab File: VN066970.D
Acq: 5 May 2021 5:57

Instrument :
MSVOA_N
ClientSampleId :

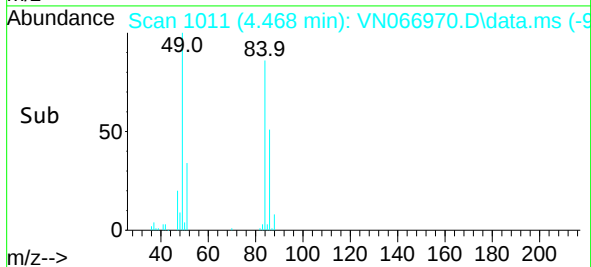
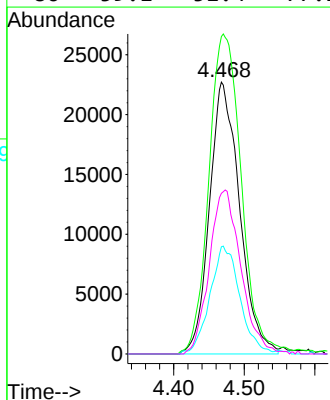
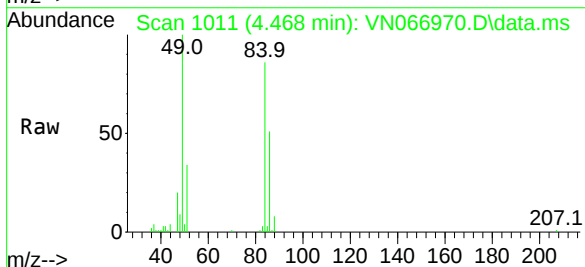


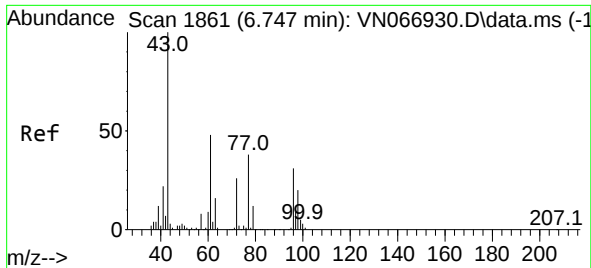
Tgt Ion: 43 Resp: 6485
Ion Ratio Lower Upper
43 100
74 12.1 19.5 29.3#



#20
Methylene Chloride
Concen: 10.22 ug/l
RT: 4.468 min Scan# 1011
Delta R.T. -0.002 min
Lab File: VN066970.D
Acq: 5 May 2021 5:57

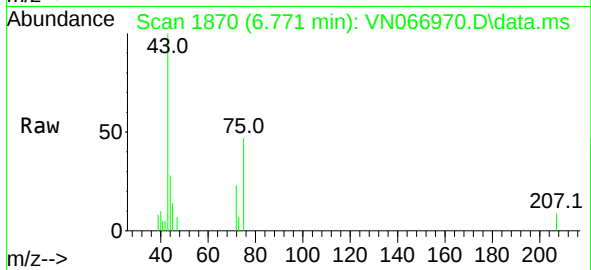
Tgt Ion: 84 Resp: 67316
Ion Ratio Lower Upper
84 100
49 116.8 94.6 141.8
51 39.5 29.9 44.9
86 59.1 51.4 77.2



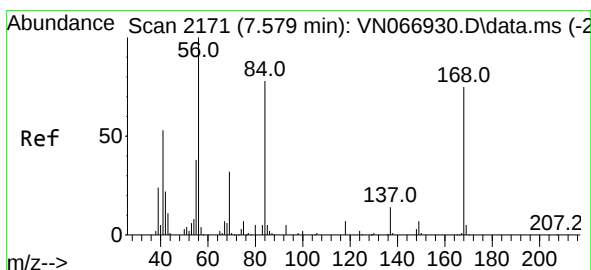
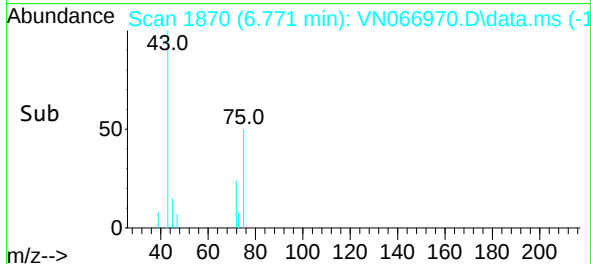
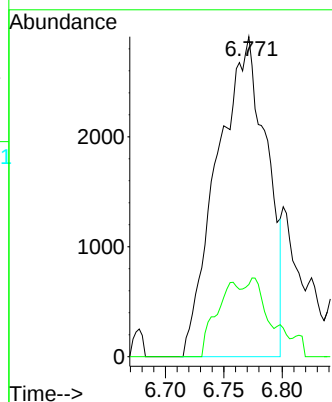


#25
2-Butanone
Concen: 2.24 ug/l
RT: 6.771 min Scan# 1870
Delta R.T. 0.024 min
Lab File: VN066970.D
Acq: 5 May 2021 5:57

Instrument :
MSVOA_N
ClientSampled :

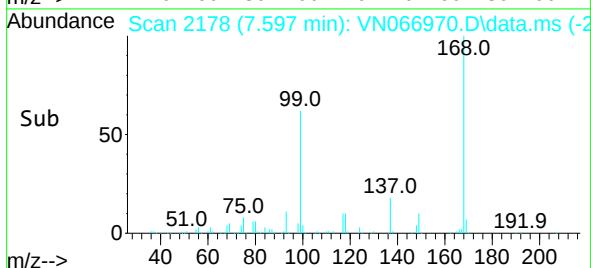
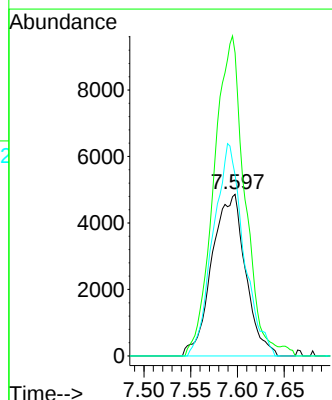
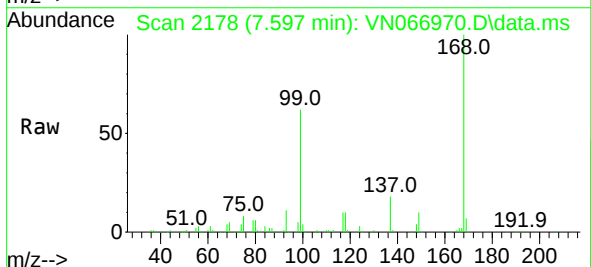


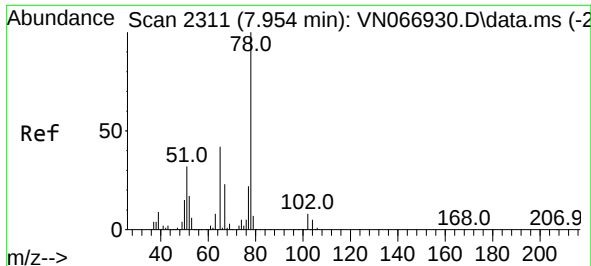
Tgt Ion: 43 Resp: 8580
Ion Ratio Lower Upper
43 100
72 22.5 23.1 34.7#



#31
Cyclohexane
Concen: 1.17 ug/l
RT: 7.597 min Scan# 2178
Delta R.T. 0.018 min
Lab File: VN066970.D
Acq: 5 May 2021 5:57

Tgt Ion: 56 Resp: 12174
Ion Ratio Lower Upper
56 100
69 187.5 26.6 39.8#
84 112.0 70.4 105.6#

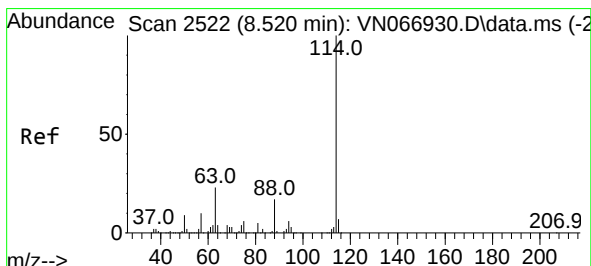
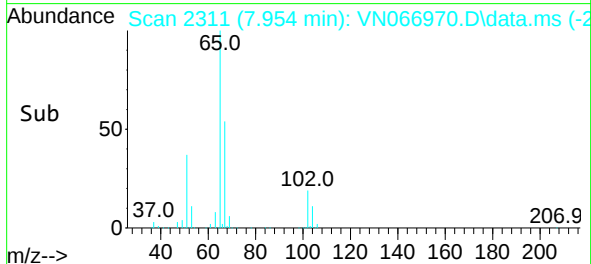
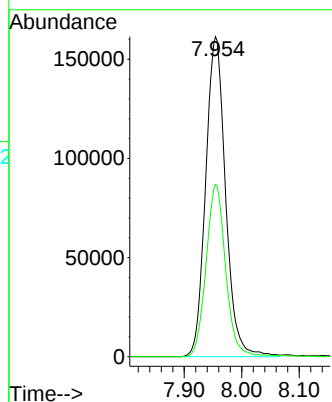
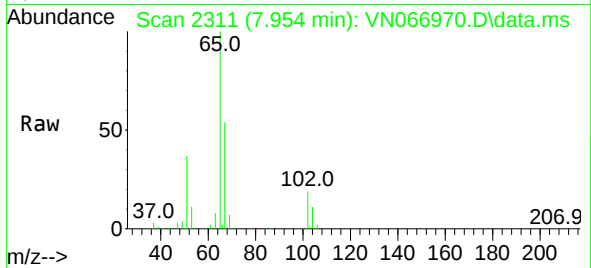




#33
1,2-Dichloroethane-d4
Concen: 52.60 ug/l
RT: 7.954 min Scan# 2311
Delta R.T. 0.000 min
Lab File: VN066970.D
Acq: 5 May 2021 5:57

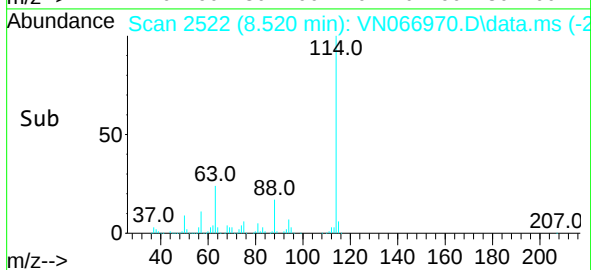
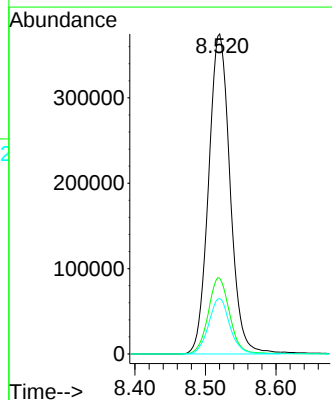
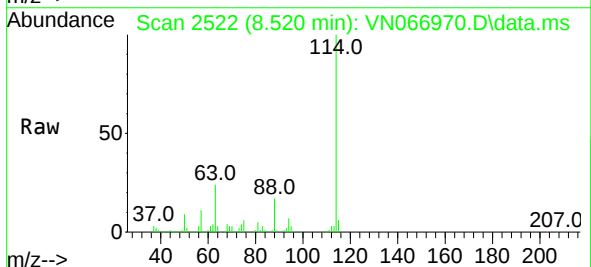
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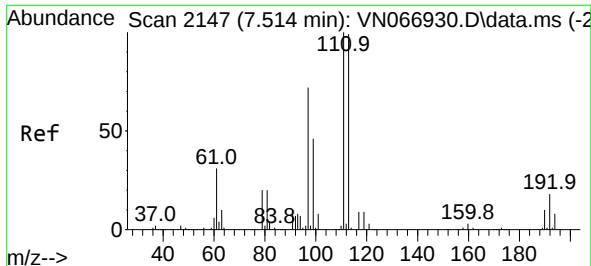
Tgt Ion: 65 Resp: 388186
Ion Ratio Lower Upper
65 100
67 52.9 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.520 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VN066970.D
Acq: 5 May 2021 5:57

Tgt Ion: 114 Resp: 793199
Ion Ratio Lower Upper
114 100
63 23.7 0.0 38.6
88 17.3 0.0 30.6

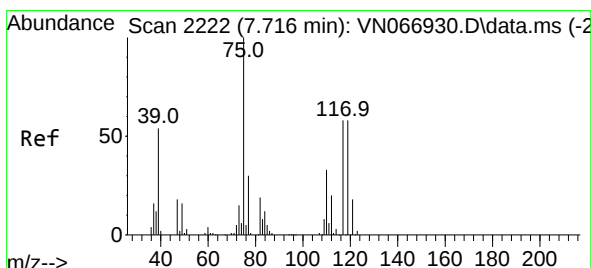
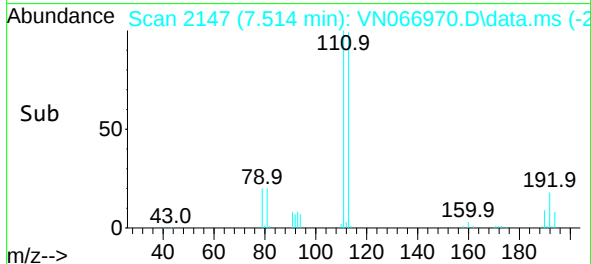
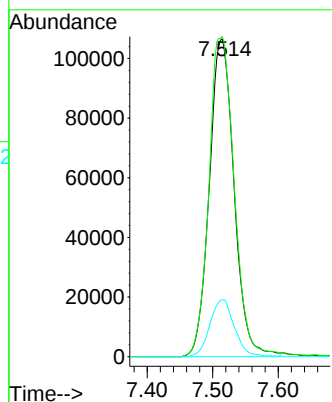
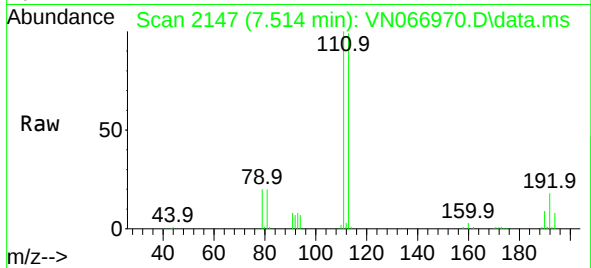




#35
Dibromofluoromethane
Concen: 51.80 ug/l
RT: 7.514 min Scan# 2147
Delta R.T. 0.000 min
Lab File: VN066970.D
Acq: 5 May 2021 5:57

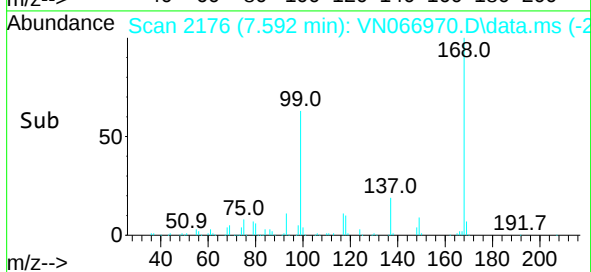
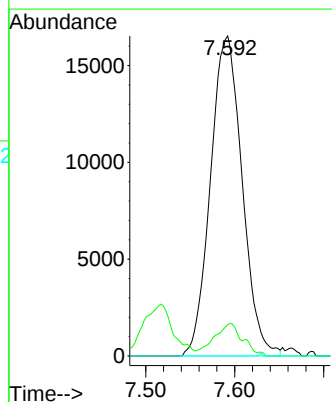
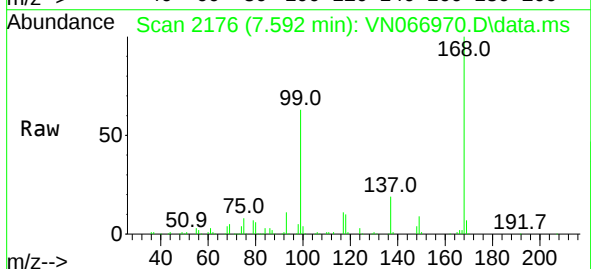
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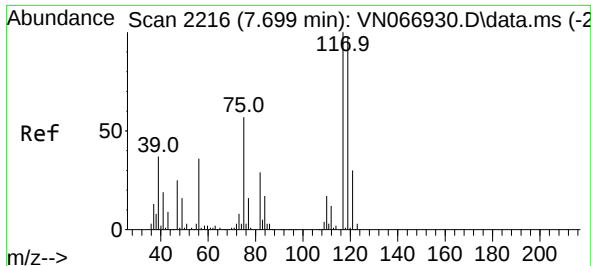
Tgt Ion:113 Resp: 278993
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.2
192 17.8 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.95 ug/l
RT: 7.592 min Scan# 2176
Delta R.T. -0.124 min
Lab File: VN066970.D
Acq: 5 May 2021 5:57

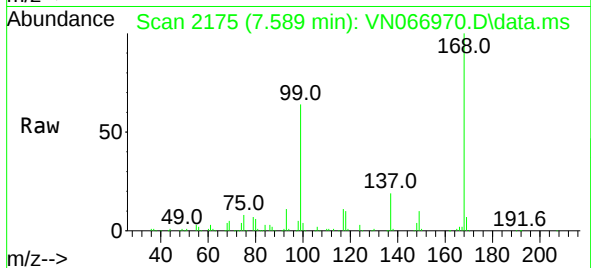
Tgt Ion: 75 Resp: 40852
Ion Ratio Lower Upper
75 100
110 9.2 18.2 54.6#
77 0.0 24.9 37.3#



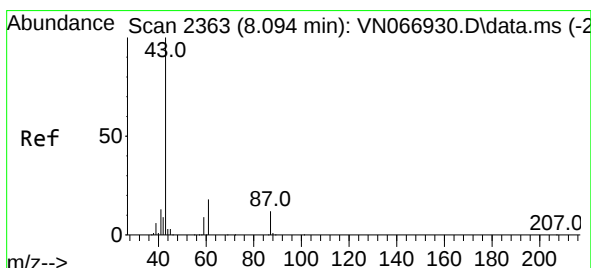
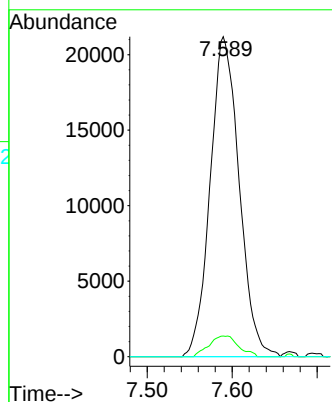
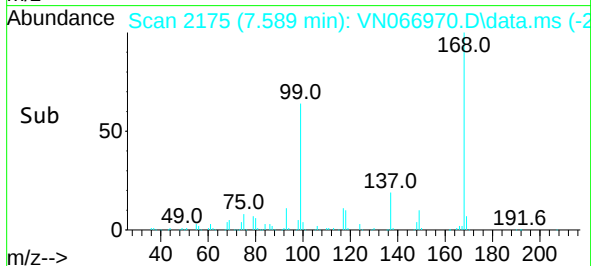


#38
Carbon Tetrachloride
Concen: 5.82 ug/l
RT: 7.589 min Scan# 2175
Delta R.T. -0.110 min
Lab File: VN066970.D
Acq: 5 May 2021 5:57

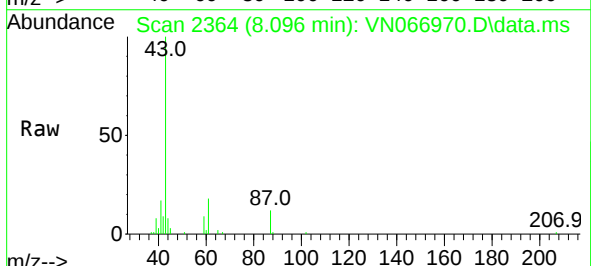
Instrument :
MSVOA_N
ClientSampled :



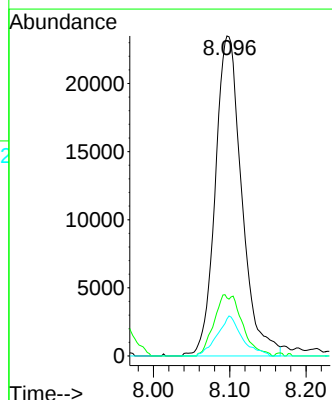
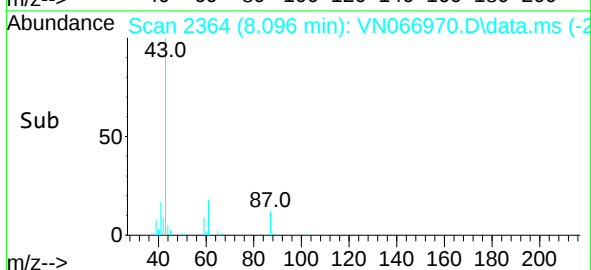
Tgt Ion:117 Resp: 50164
Ion Ratio Lower Upper
117 100
119 6.4 76.0 114.0#
121 0.0 24.5 36.7#

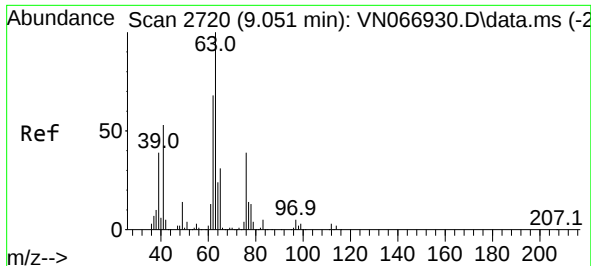


#43
Isopropyl Acetate
Concen: 4.14 ug/l
RT: 8.096 min Scan# 2364
Delta R.T. 0.002 min
Lab File: VN066970.D
Acq: 5 May 2021 5:57



Tgt Ion: 43 Resp: 56584
Ion Ratio Lower Upper
43 100
61 11.0 22.5 33.7#
87 11.7 11.1 16.7

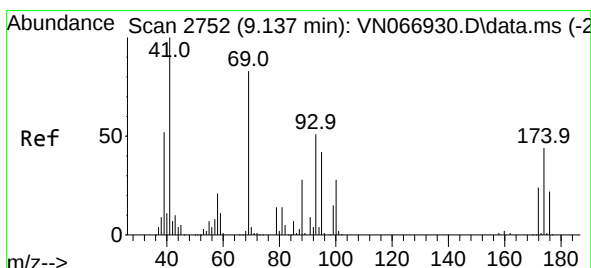
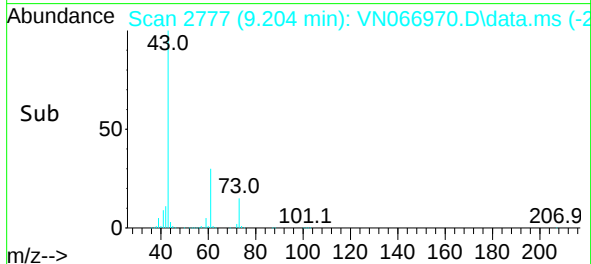
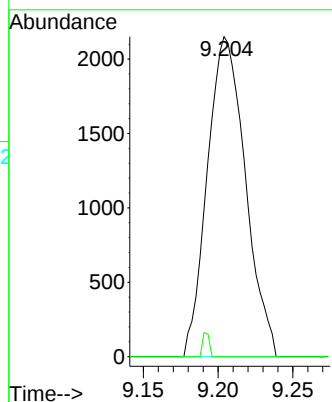
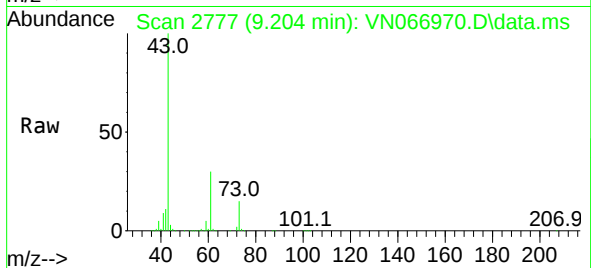




#45
1,2-Dichloropropane
Concen: 0.53 ug/l
RT: 9.204 min Scan# 2777
Delta R.T. 0.153 min
Lab File: VN066970.D
Acq: 5 May 2021 5:57

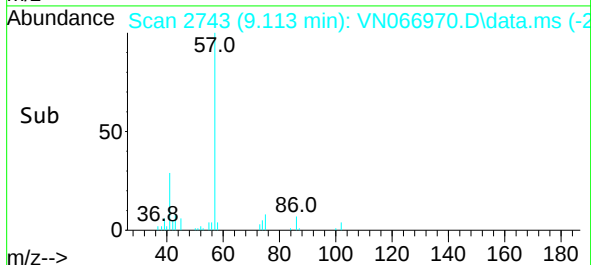
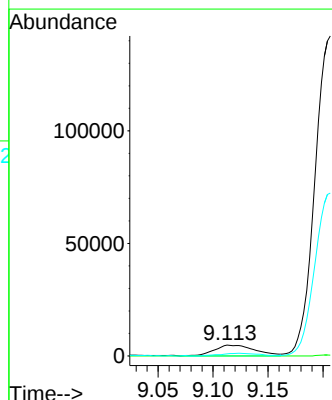
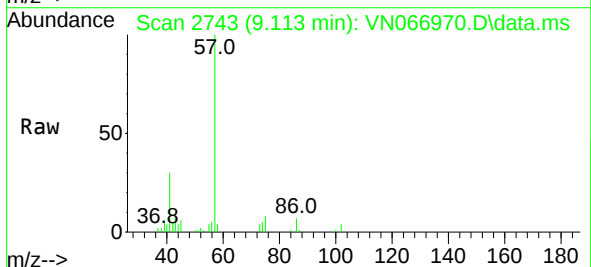
Instrument :
MSVOA_N
ClientSampled :

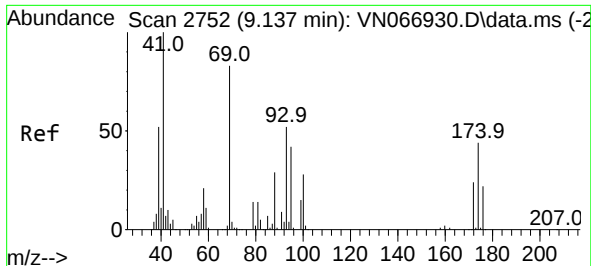
Tgt Ion: 63 Resp: 3808
Ion Ratio Lower Upper
63 100
65 0.0 24.9 37.3#



#48
Methyl methacrylate
Concen: 2.06 ug/l
RT: 9.113 min Scan# 2743
Delta R.T. -0.024 min
Lab File: VN066970.D
Acq: 5 May 2021 5:57

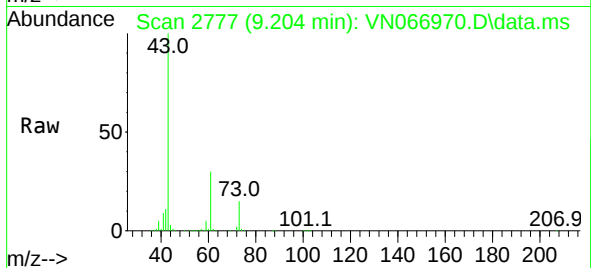
Tgt Ion: 41 Resp: 12483
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 0.0 46.6 69.8#



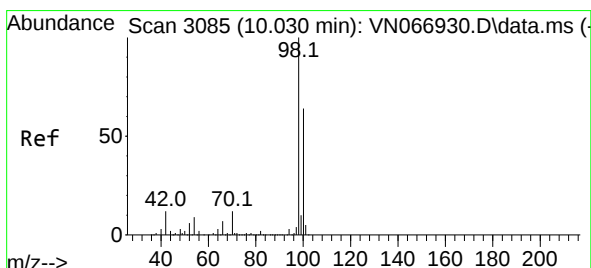
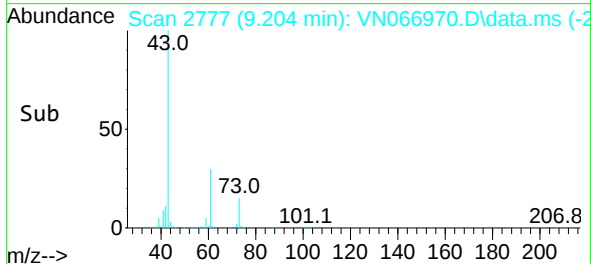
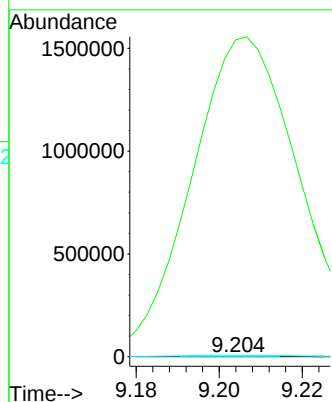


#49
1,4-Dioxane
Concen: 3.66 ug/l
RT: 9.204 min Scan# 2777
Delta R.T. 0.067 min
Lab File: VN066970.D
Acq: 5 May 2021 5:57

Instrument :
MSVOA_N
ClientSampleId :

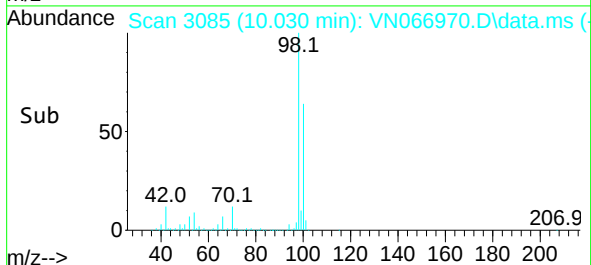
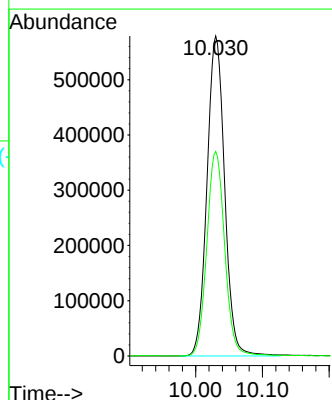
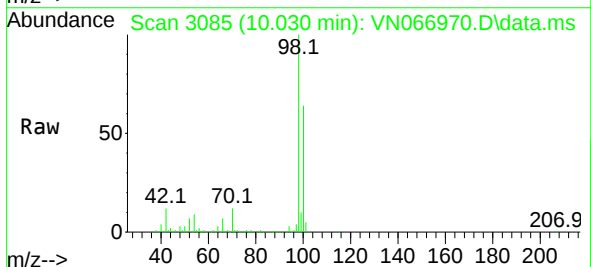


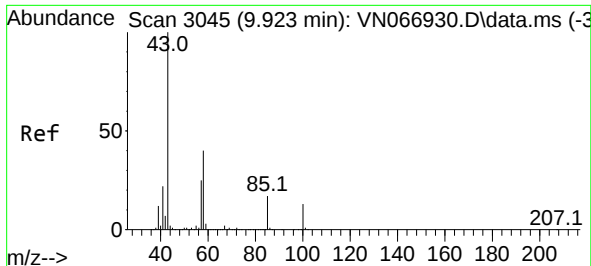
Tgt Ion: 88 Resp: 351
Ion Ratio Lower Upper
88 100
43 849085.2 24.7 37.1#
58 4241.9 52.6 78.8#



#50
Toluene-d8
Concen: 51.89 ug/l
RT: 10.030 min Scan# 3085
Delta R.T. -0.000 min
Lab File: VN066970.D
Acq: 5 May 2021 5:57

Tgt Ion: 98 Resp: 1064368
Ion Ratio Lower Upper
98 100
100 64.8 50.5 75.7

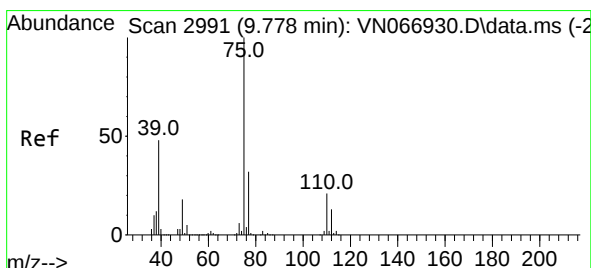
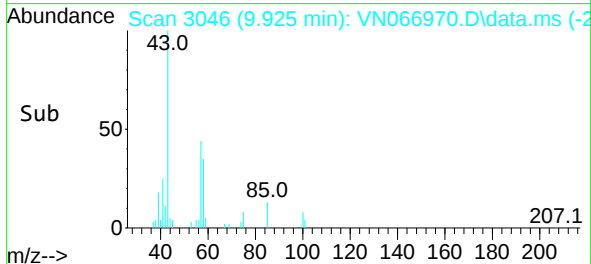
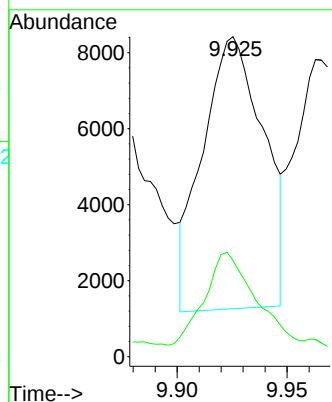
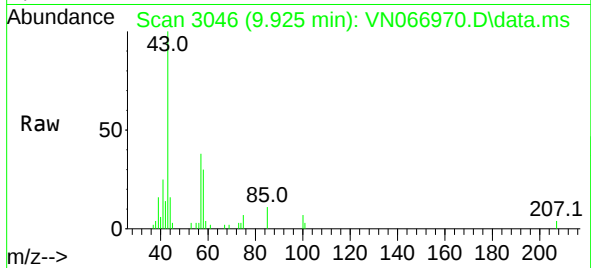




#51
4-Methyl-2-Pentanone
Concen: 1.74 ug/l
RT: 9.925 min Scan# 3046
Delta R.T. 0.002 min
Lab File: VN066970.D
Acq: 5 May 2021 5:57

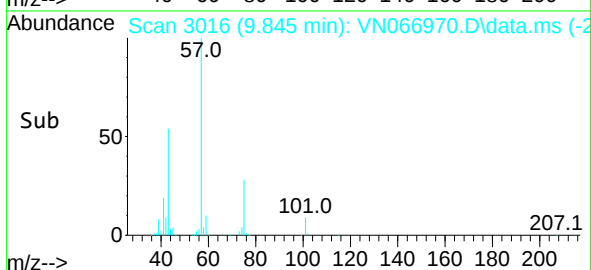
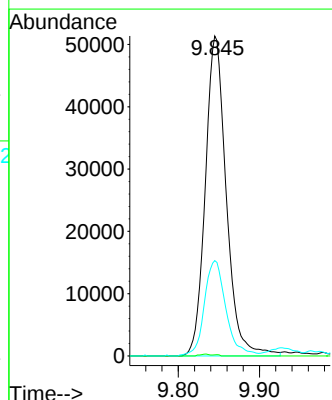
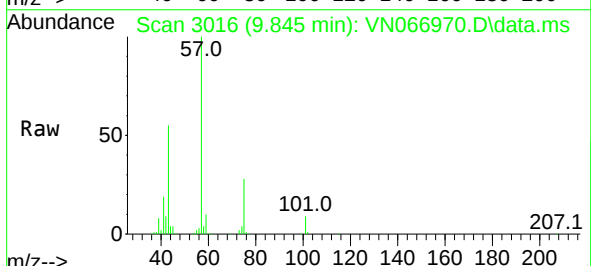
Instrument :
MSVOA_N
ClientSampled :

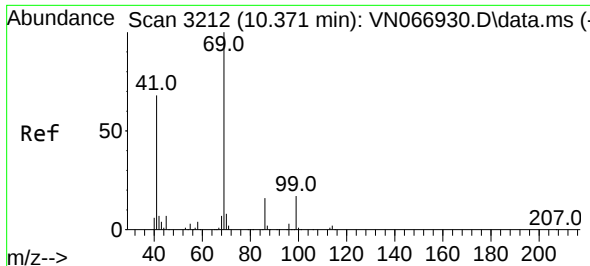
Tgt Ion: 43 Resp: 13760
Ion Ratio Lower Upper
43 100
58 29.0 32.5 48.7#



#54
cis-1,3-Dichloropropene
Concen: 8.47 ug/l
RT: 9.845 min Scan# 3016
Delta R.T. 0.067 min
Lab File: VN066970.D
Acq: 5 May 2021 5:57

Tgt Ion: 75 Resp: 92146
Ion Ratio Lower Upper
75 100
77 0.4 24.9 37.3#
39 29.5 36.2 54.4#

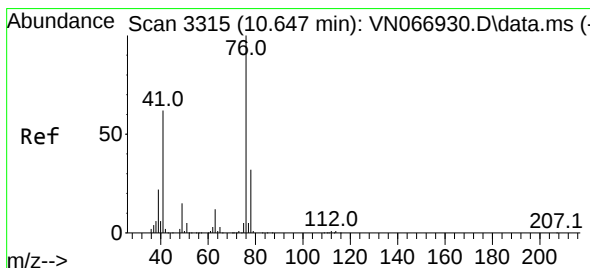
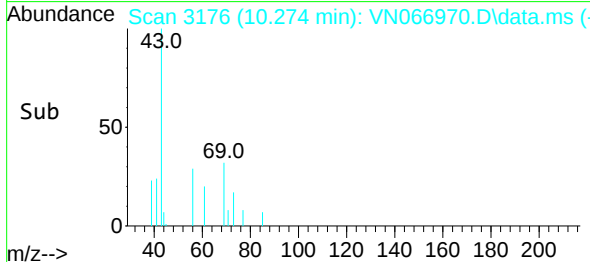
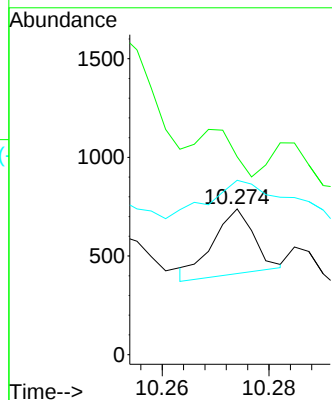
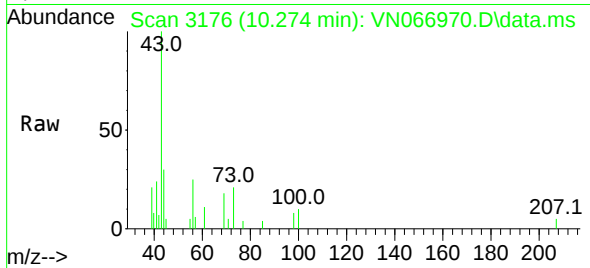




#56
Ethyl methacrylate
Concen: 5.21 ug/l
RT: 10.274 min Scan# 3176
Delta R.T. -0.097 min
Lab File: VN066970.D
Acq: 5 May 2021 5:57

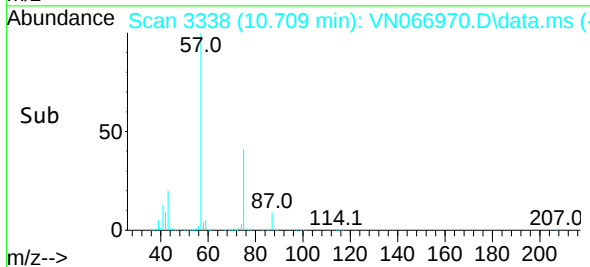
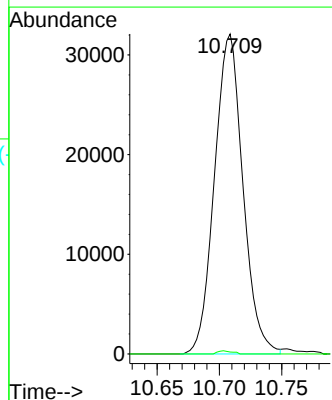
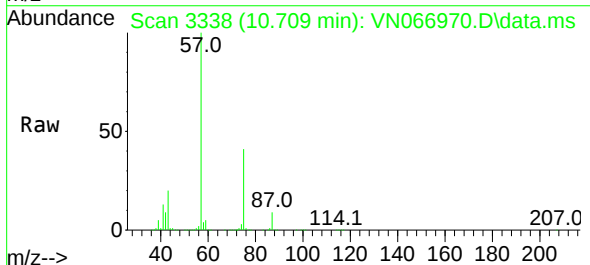
Instrument :
MSVOA_N
ClientSampleId :

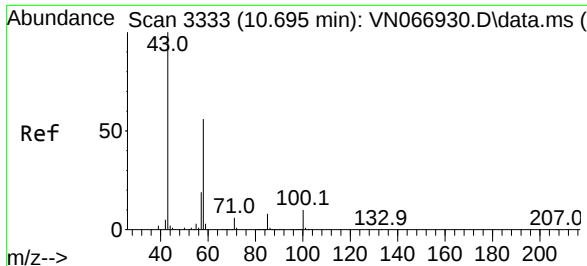
Tgt Ion: 69 Resp: 177
Ion Ratio Lower Upper
69 100
41 0.0 49.6 74.4#
39 0.0 28.0 42.0#



#57
1,3-Dichloropropane
Concen: 4.76 ug/l
RT: 10.709 min Scan# 3338
Delta R.T. 0.062 min
Lab File: VN066970.D
Acq: 5 May 2021 5:57

Tgt Ion: 76 Resp: 50976
Ion Ratio Lower Upper
76 100
78 0.5 25.7 38.5#

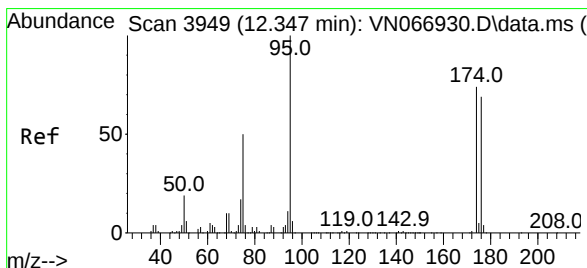
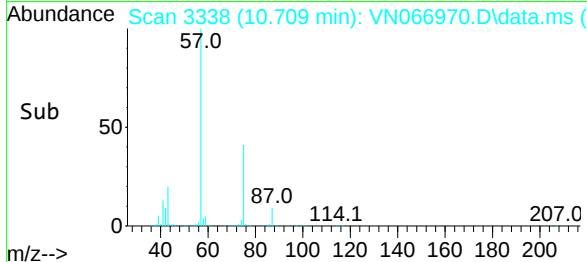
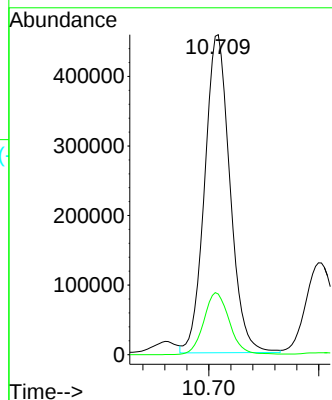
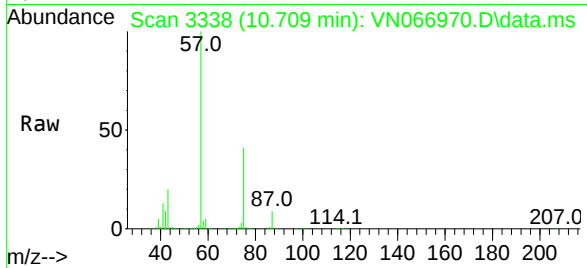




#59
2-Hexanone
Concen: 140.48 ug/l
RT: 10.709 min Scan# 3338
Delta R.T. 0.014 min
Lab File: VN066970.D
Acq: 5 May 2021 5:57

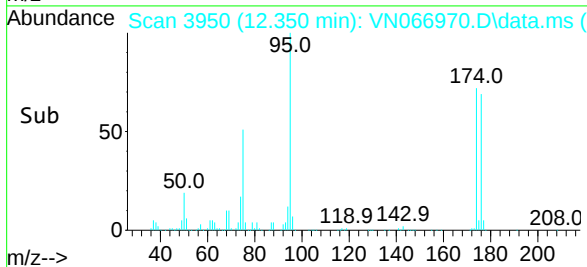
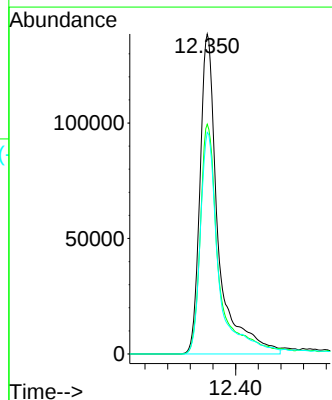
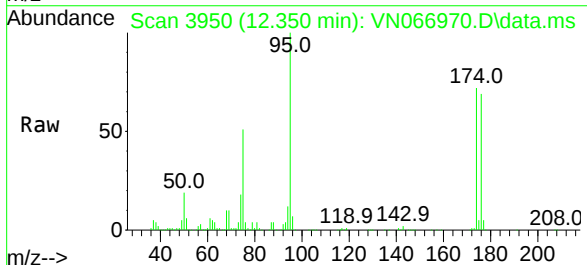
Instrument :
MSVOA_N
ClientSampled :

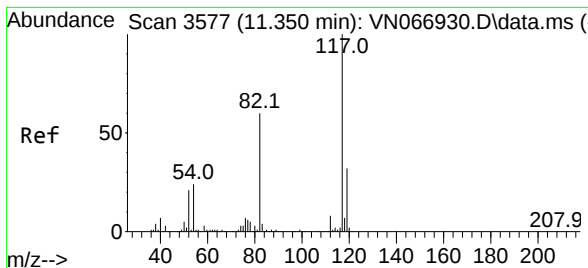
Tgt Ion: 43 Resp: 730138
Ion Ratio Lower Upper
43 100
58 19.9 28.1 84.3#



#62
4-Bromofluorobenzene
Concen: 44.51 ug/l
RT: 12.350 min Scan# 3950
Delta R.T. 0.003 min
Lab File: VN066970.D
Acq: 5 May 2021 5:57

Tgt Ion: 95 Resp: 309156
Ion Ratio Lower Upper
95 100
174 72.6 0.0 169.0
176 69.0 0.0 162.4

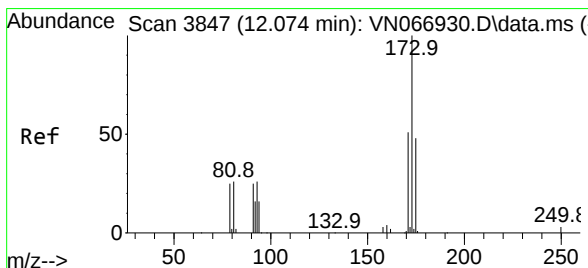
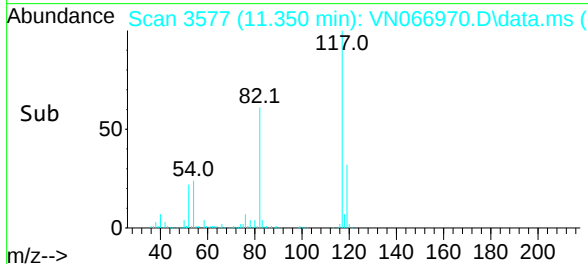
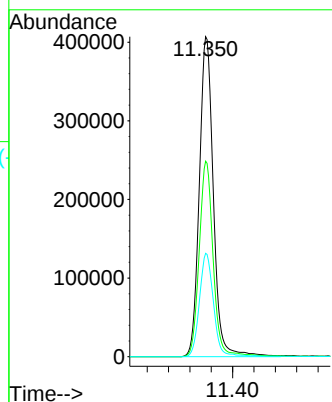
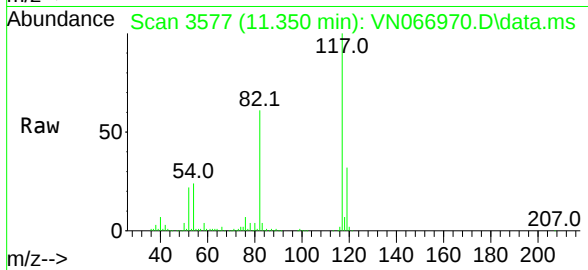




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.350 min Scan# 3577
Delta R.T. -0.000 min
Lab File: VN066970.D
Acq: 5 May 2021 5:57

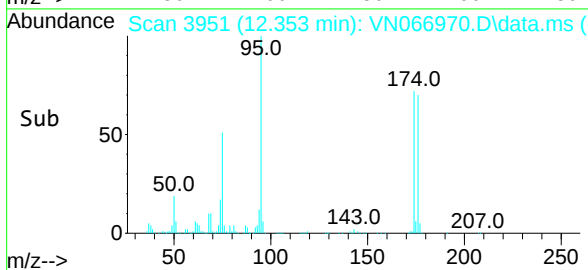
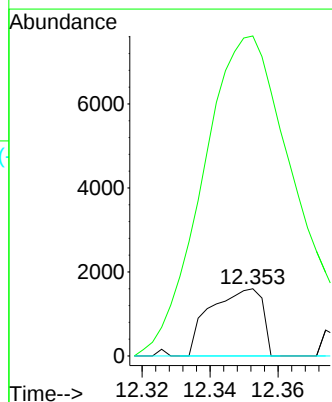
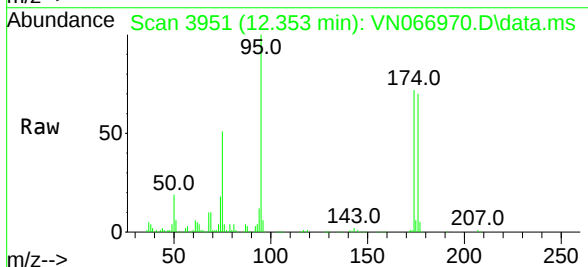
Instrument :
MSVOA_N
ClientSampled :

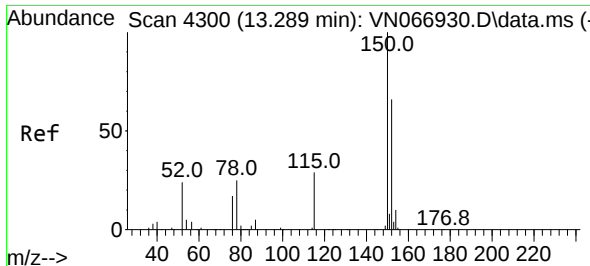
Tgt Ion:117 Resp: 747117
Ion Ratio Lower Upper
117 100
82 61.1 43.7 65.5
119 32.3 26.1 39.1



#71
Bromoform
Concen: 0.38 ug/l
RT: 12.353 min Scan# 3951
Delta R.T. 0.279 min
Lab File: VN066970.D
Acq: 5 May 2021 5:57

Tgt Ion:173 Resp: 1695
Ion Ratio Lower Upper
173 100
175 704.7 23.8 71.2#
254 0.0 0.0 0.0

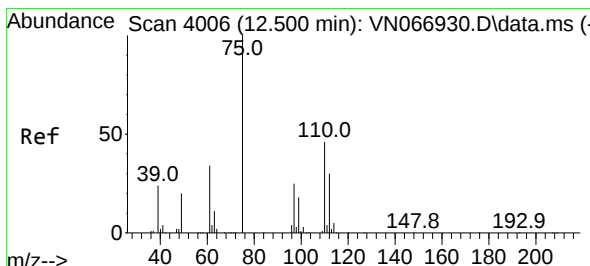
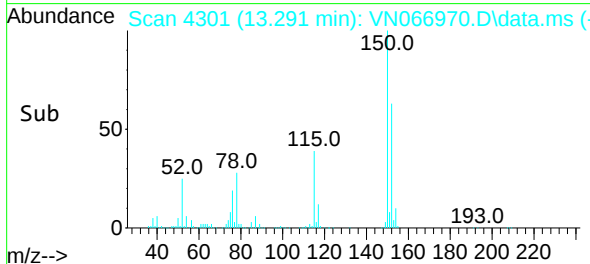
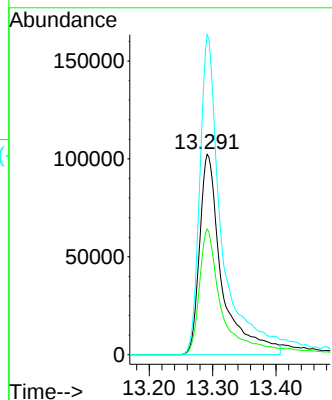
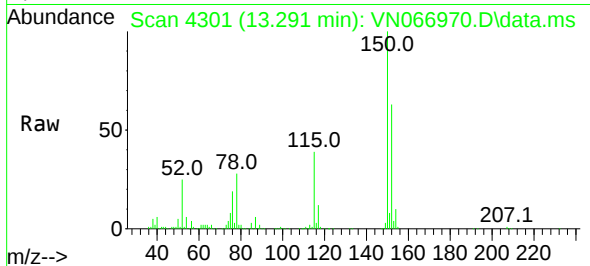




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.291 min Scan# 4301
Delta R.T. 0.002 min
Lab File: VN066970.D
Acq: 5 May 2021 5:57

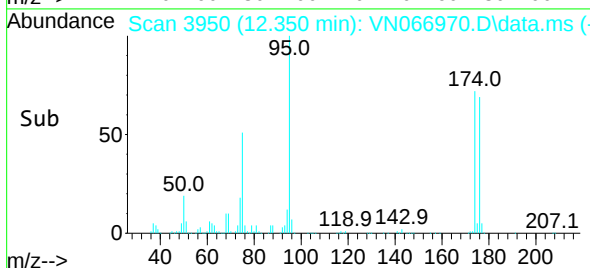
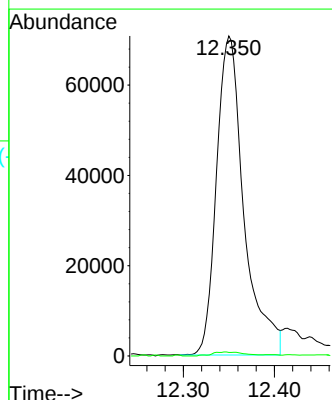
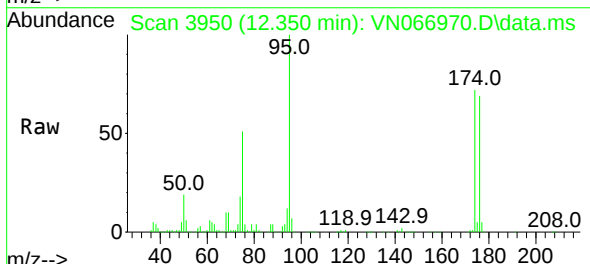
Instrument :
MSVOA_N
ClientSampled :

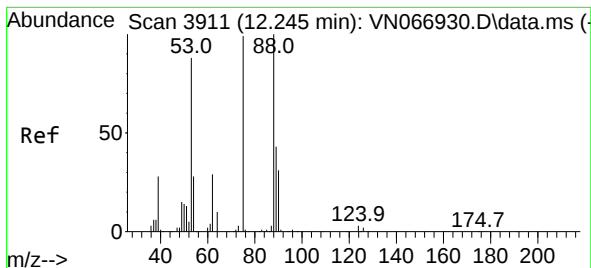
Tgt Ion:152 Resp: 252083
Ion Ratio Lower Upper
152 100
115 62.9 28.5 85.6
150 161.1 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 24.58 ug/l
RT: 12.350 min Scan# 3950
Delta R.T. -0.150 min
Lab File: VN066970.D
Acq: 5 May 2021 5:57

Tgt Ion: 75 Resp: 147614
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#

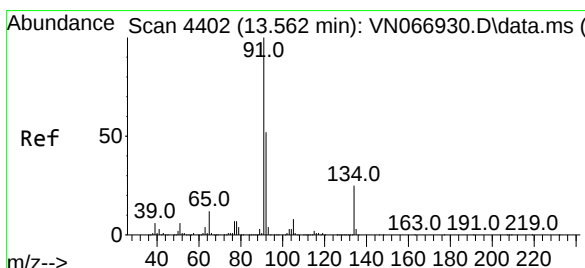
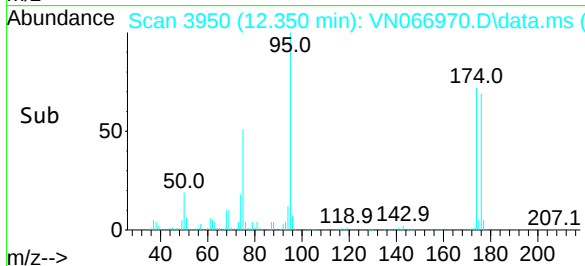
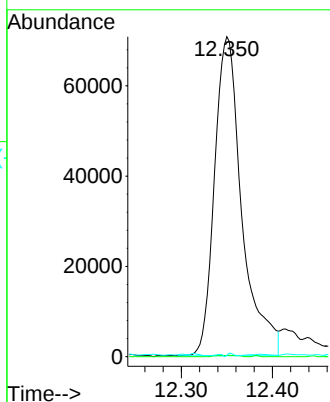
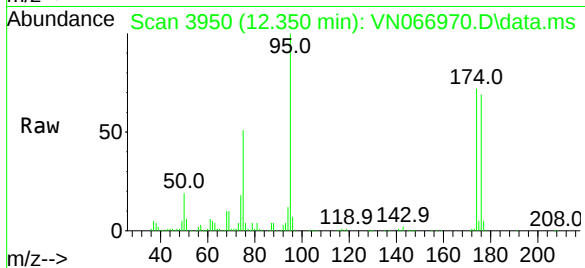




#81
trans-1,4-Dichloro-2-butene
Concen: 74.06 ug/l
RT: 12.350 min Scan# 3950
Delta R.T. 0.105 min
Lab File: VN066970.D
Acq: 5 May 2021 5:57

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 147614
Ion Ratio Lower Upper
75 100
53 0.3 74.6 111.8#
89 0.3 35.8 53.8#



#89
n-Butylbenzene
Concen: 5.24 ug/l
RT: 13.787 min Scan# 4486
Delta R.T. 0.225 min
Lab File: VN066970.D
Acq: 5 May 2021 5:57

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

