

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050421\
 Data File : VN066939.D
 Acq On : 4 May 2021 16:39
 Operator : JC/MD
 Sample : PB136139ZHE#02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 05 05:25:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050421W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 04 13:11:03 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

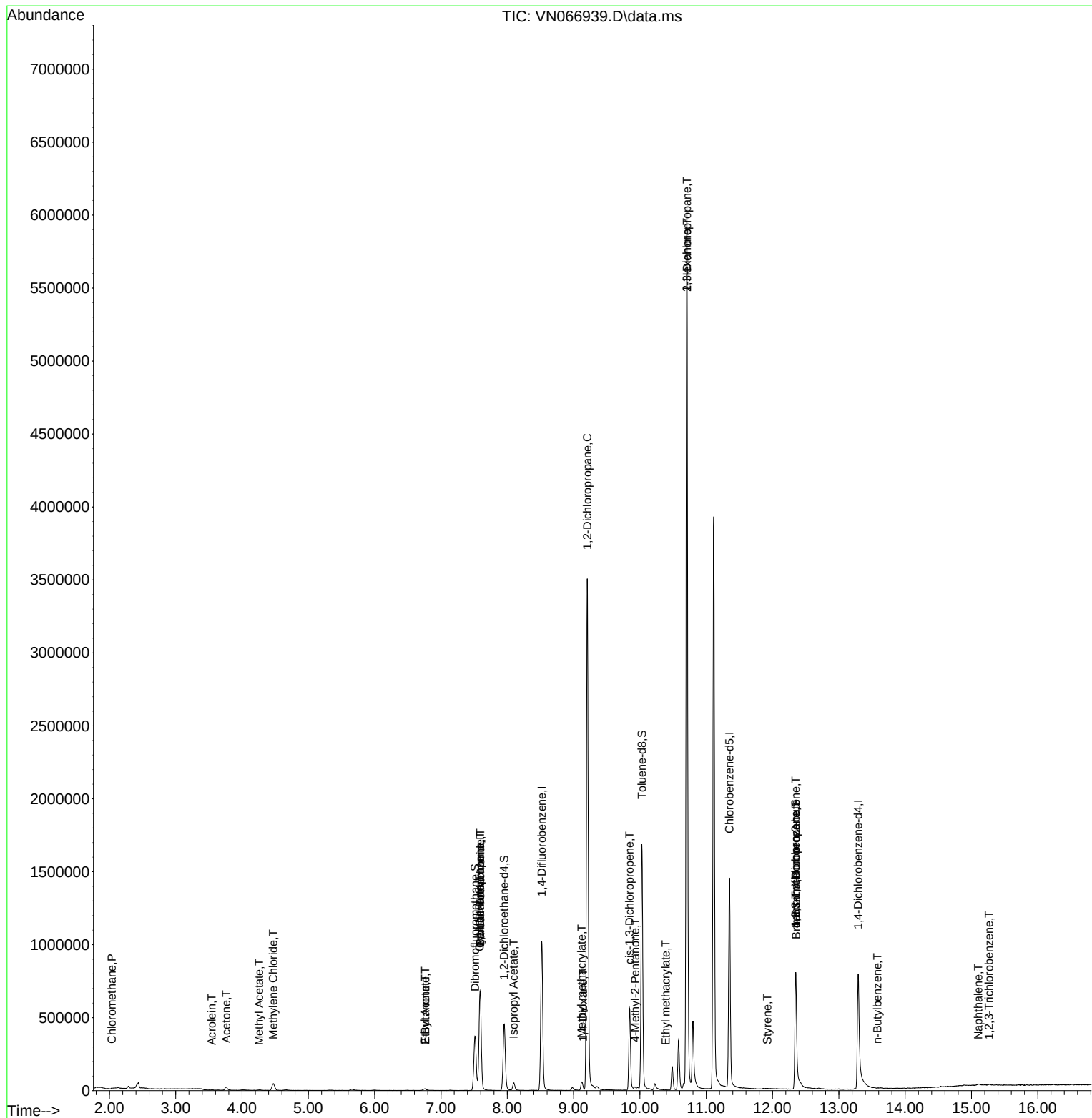
Internal Standards						
1) Pentafluorobenzene	7.590	168	535646	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.520	114	892437	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	832003	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.291	152	284344	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.954	65	404250	47.95	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.90%		
35) Dibromofluoromethane	7.514	113	289195	47.72	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.44%		
50) Toluene-d8	10.030	98	1169258	50.66	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.32%		
62) 4-Bromofluorobenzene	12.350	95	362636	46.41	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.82%		
Target Compounds					Qvalue	
3) Chloromethane	2.035	50	2626	0.25	ug/l #	87
13) Acrolein	3.540	56	772	0.78	ug/l #	56
16) Acetone	3.760	43	37641	12.69	ug/l	93
18) Methyl Acetate	4.259	43	9547	1.13	ug/l #	83
20) Methylene Chloride	4.470	84	34404	4.57	ug/l	95
25) 2-Butanone	6.763	43	8133	1.86	ug/l #	72
31) Cyclohexane	7.584	56	12952	1.09	ug/l #	1
36) 1,1-Dichloropropene	7.590	75	47285	5.09	ug/l #	44
37) Ethyl Acetate	6.763	43	8133	0.86	ug/l #	75
38) Carbon Tetrachloride	7.592	117	54479	5.62	ug/l #	17
43) Isopropyl Acetate	8.096	43	65209	4.24	ug/l #	89
45) 1,2-Dichloropropane	9.209	63	4525	0.56	ug/l #	44
48) Methyl methacrylate	9.121	41	14990	2.20	ug/l #	10
49) 1,4-Dioxane	9.142	88	52	0.48	ug/l #	26
51) 4-Methyl-2-Pentanone	9.928	43	13906	1.56	ug/l #	74
54) cis-1,3-Dichloropropene	9.845	75	103646	8.47	ug/l #	62
56) Ethyl methacrylate	10.390	69	254	5.21	ug/l #	27
57) 1,3-Dichloropropane	10.709	76	62377	5.17	ug/l #	43
59) 2-Hexanone	10.709	43	893204	150.27	ug/l #	50
70) Styrene	11.921	104	122	4.72	ug/l #	47
71) Bromoform	12.355	173	2768	0.55	ug/l #	1
76) 1,2,3-Trichloropropane	12.350	75	179885	26.56	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.350	75	179885	79.57	ug/l #	12
89) n-Butylbenzene	13.581	91	218	5.25	ug/l #	45
95) Naphthalene	15.102	128	11030	0.88	ug/l #	89
96) 1,2,3-Trichlorobenzene	15.265	180	1776	0.38	ug/l	74

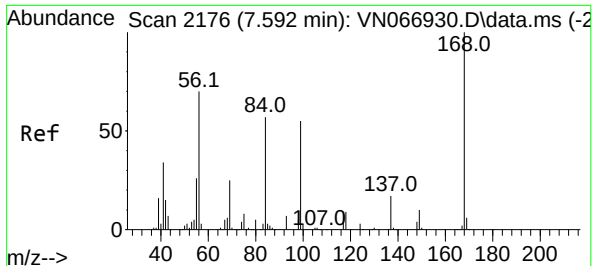
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050421\
Data File : VN066939.D
Acq On : 4 May 2021 16:39
Operator : JC/MD
Sample : PB136139ZHE#02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: May 05 05:25:16 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050421W.M
Quant Title : SW846 8260
QLast Update : Tue May 04 13:11:03 2021
Response via : Initial Calibration

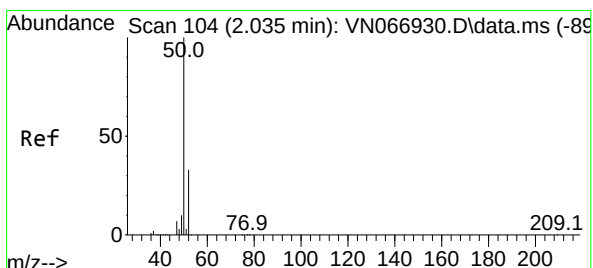
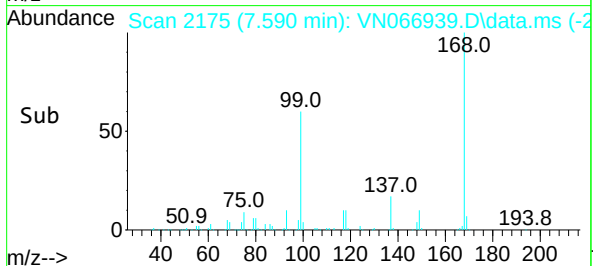
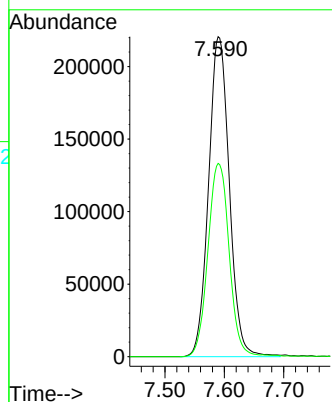
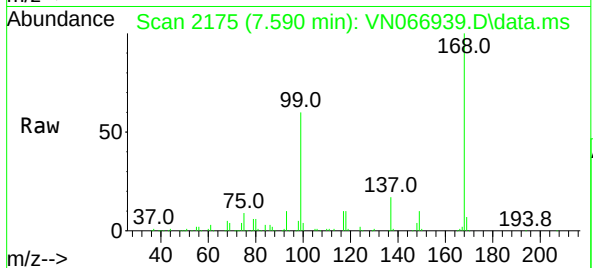




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.590 min Scan# 2175
Delta R.T. -0.002 min
Lab File: VN066939.D
Acq: 4 May 2021 16:39

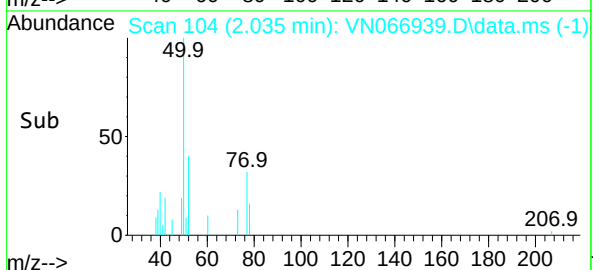
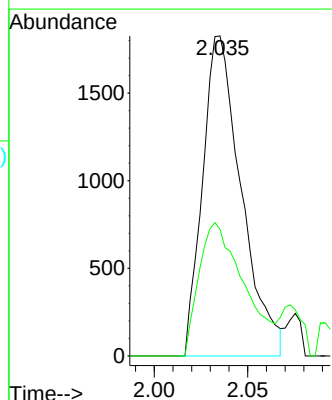
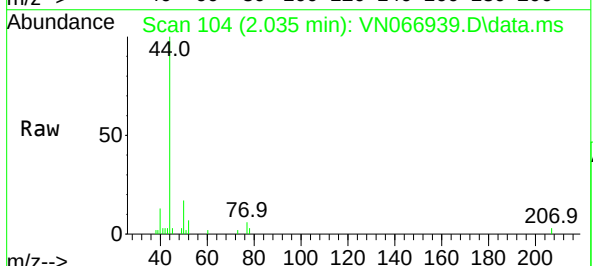
Instrument :
MSVOA_N
ClientSampled :

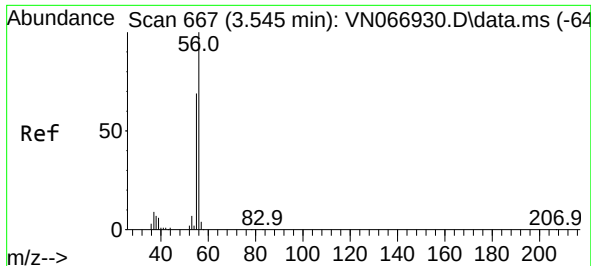
Tgt Ion:168 Resp: 535646
Ion Ratio Lower Upper
168 100
99 60.4 42.6 63.8



#3
Chloromethane
Concen: 0.25 ug/l
RT: 2.035 min Scan# 104
Delta R.T. 0.000 min
Lab File: VN066939.D
Acq: 4 May 2021 16:39

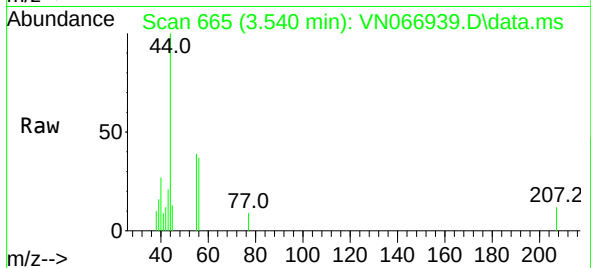
Tgt Ion: 50 Resp: 2626
Ion Ratio Lower Upper
50 100
52 39.5 25.8 38.8#



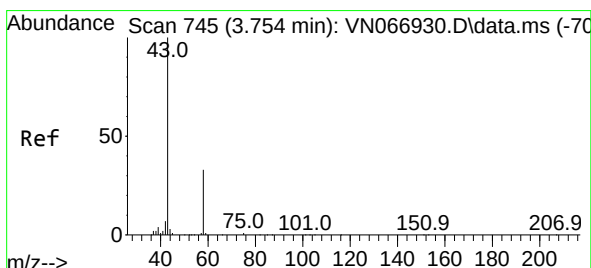
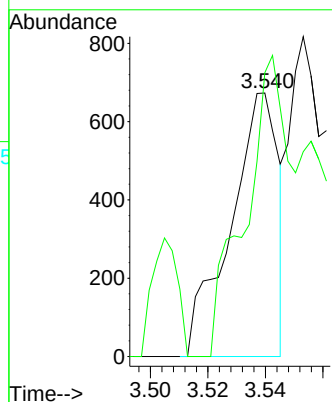
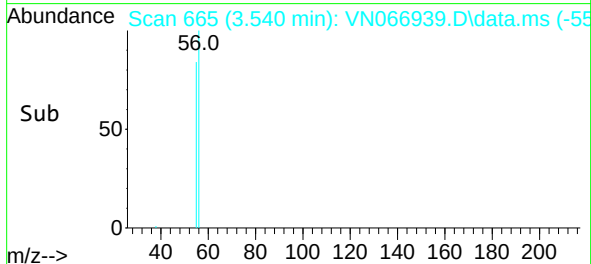


#13
Acrolein
Concen: 0.78 ug/l
RT: 3.540 min Scan# 665
Delta R.T. -0.005 min
Lab File: VN066939.D
Acq: 4 May 2021 16:39

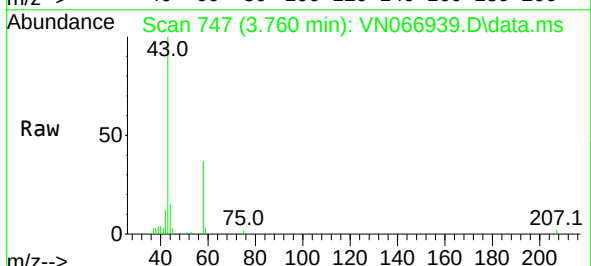
Instrument :
MSVOA_N
ClientSampled :



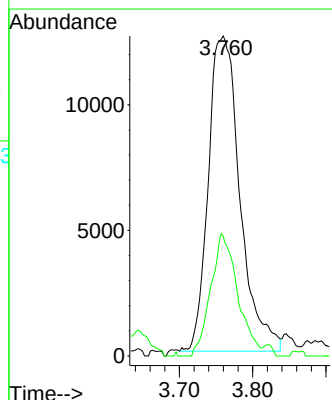
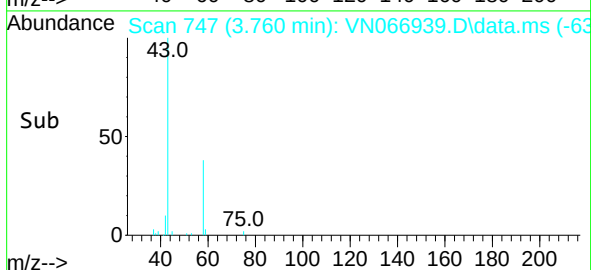
Tgt Ion: 56 Resp: 772
Ion Ratio Lower Upper
56 100
55 105.8 56.0 84.0#

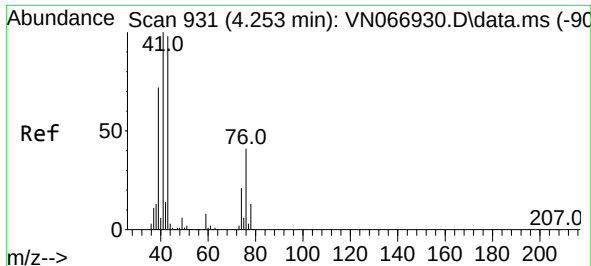


#16
Acetone
Concen: 12.69 ug/l
RT: 3.760 min Scan# 747
Delta R.T. 0.006 min
Lab File: VN066939.D
Acq: 4 May 2021 16:39



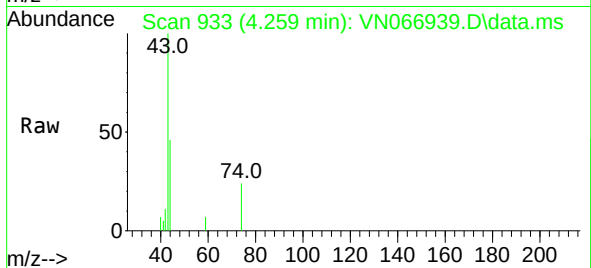
Tgt Ion: 43 Resp: 37641
Ion Ratio Lower Upper
43 100
58 38.0 27.0 40.6



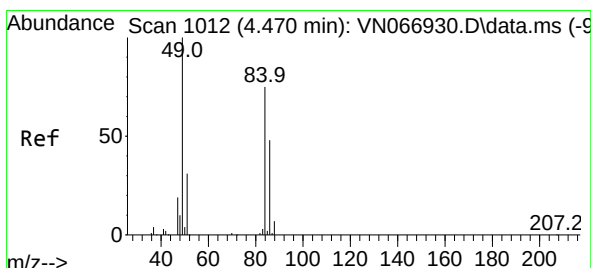
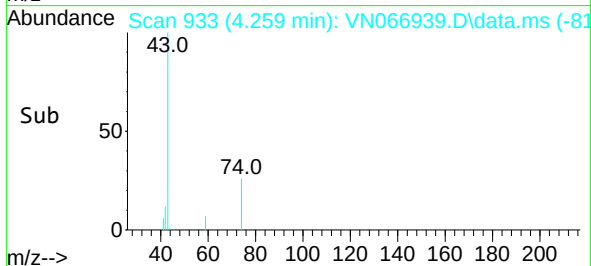
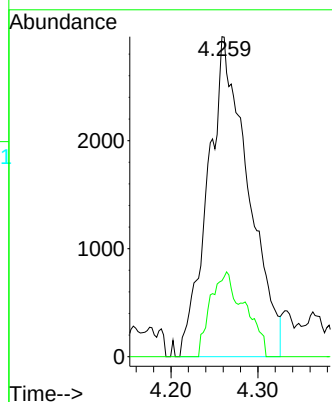


#18
Methyl Acetate
Concen: 1.13 ug/l
RT: 4.259 min Scan# 933
Delta R.T. 0.006 min
Lab File: VN066939.D
Acq: 4 May 2021 16:39

Instrument :
MSVOA_N
ClientSampled :

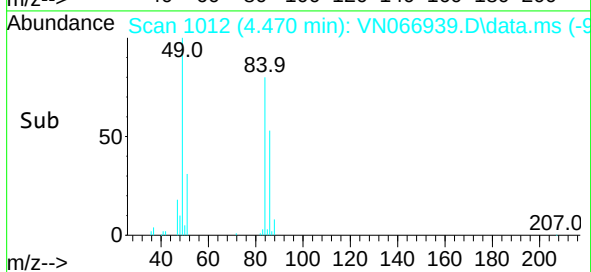
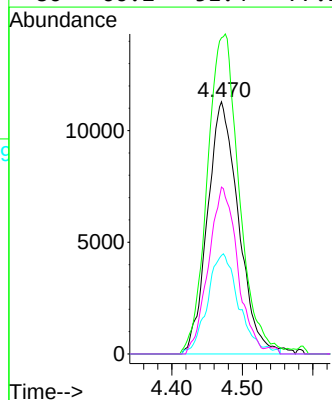
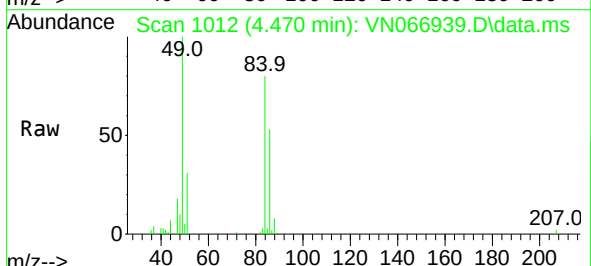


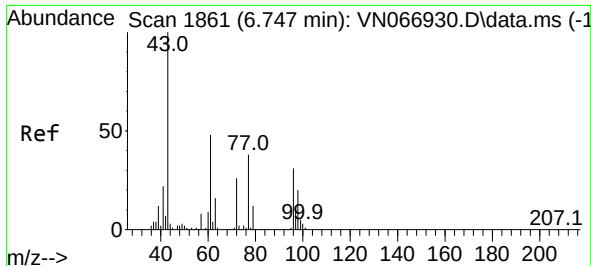
Tgt Ion: 43 Resp: 9547
Ion Ratio Lower Upper
43 100
74 15.8 19.5 29.3#



#20
Methylene Chloride
Concen: 4.57 ug/l
RT: 4.470 min Scan# 1012
Delta R.T. 0.000 min
Lab File: VN066939.D
Acq: 4 May 2021 16:39

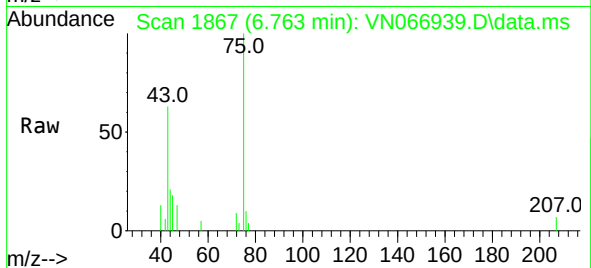
Tgt Ion: 84 Resp: 34404
Ion Ratio Lower Upper
84 100
49 125.3 94.6 141.8
51 39.1 29.9 44.9
86 66.2 51.4 77.2



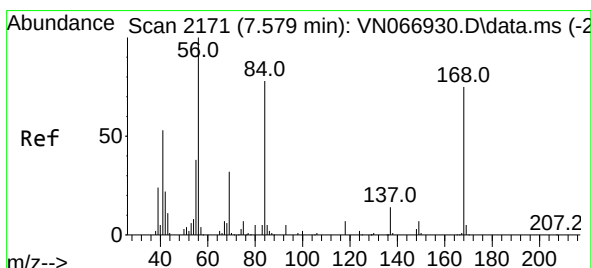
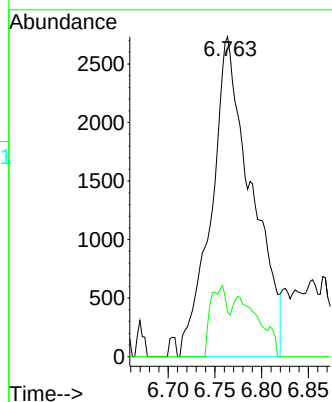
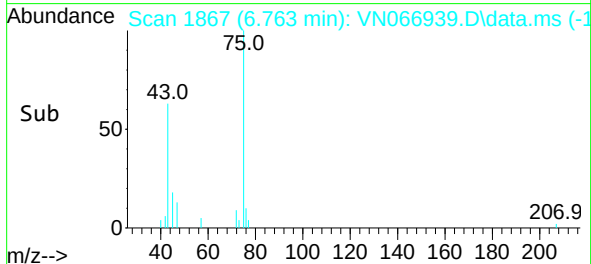


#25
2-Butanone
Concen: 1.86 ug/l
RT: 6.763 min Scan# 1867
Delta R.T. 0.016 min
Lab File: VN066939.D
Acq: 4 May 2021 16:39

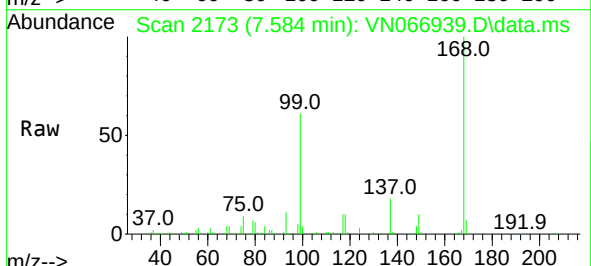
Instrument :
MSVOA_N
ClientSampled :



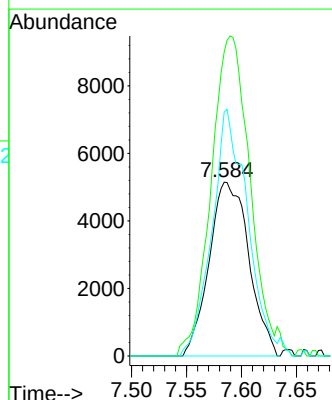
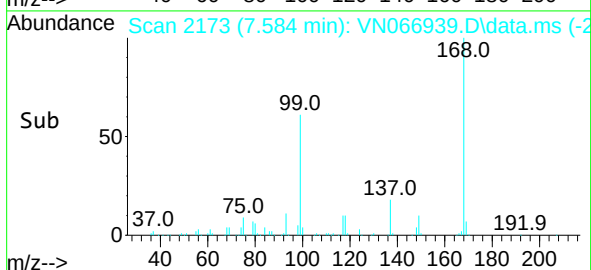
Tgt Ion: 43 Resp: 8133
Ion Ratio Lower Upper
43 100
72 13.9 23.1 34.7#

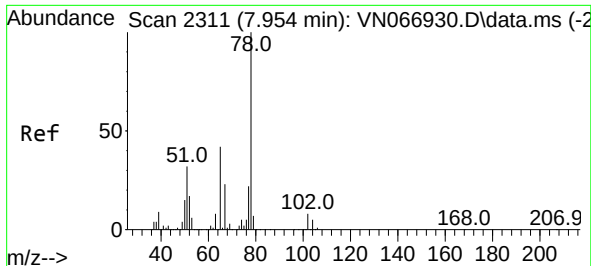


#31
Cyclohexane
Concen: 1.09 ug/l
RT: 7.584 min Scan# 2173
Delta R.T. 0.005 min
Lab File: VN066939.D
Acq: 4 May 2021 16:39



Tgt Ion: 56 Resp: 12952
Ion Ratio Lower Upper
56 100
69 169.0 26.6 39.8#
84 140.3 70.4 105.6#

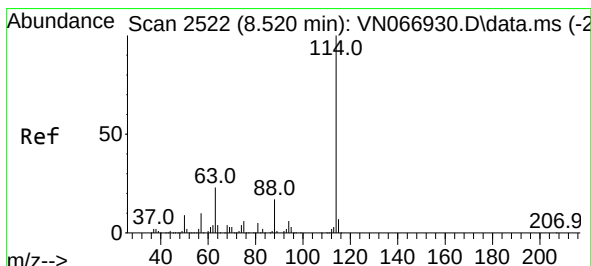
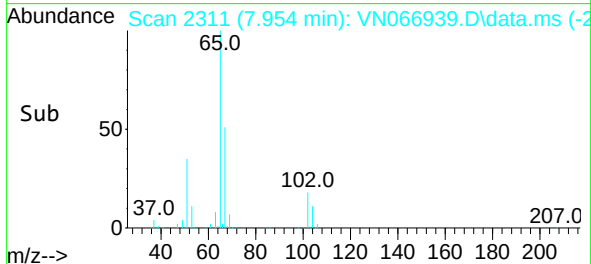
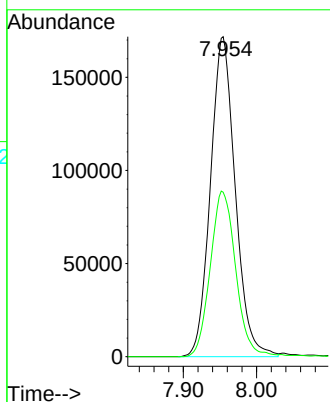
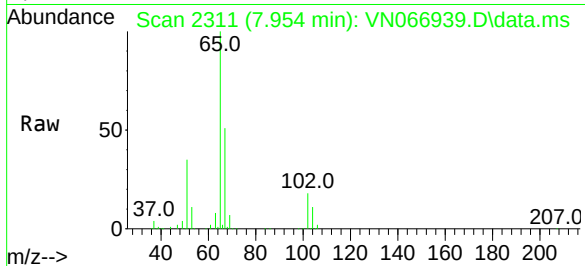




#33
1,2-Dichloroethane-d4
Concen: 47.95 ug/l
RT: 7.954 min Scan# 2311
Delta R.T. 0.000 min
Lab File: VN066939.D
Acq: 4 May 2021 16:39

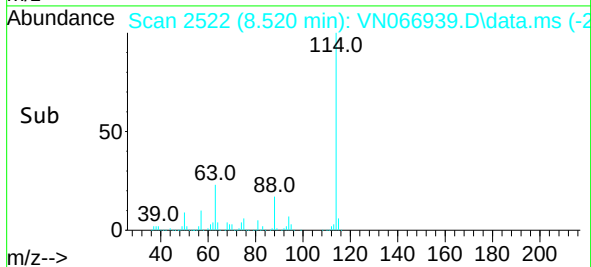
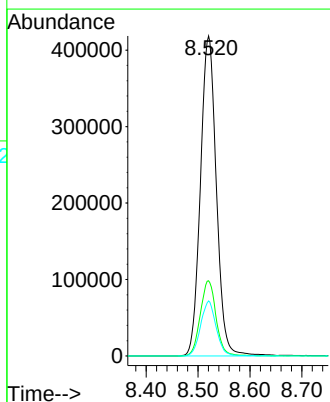
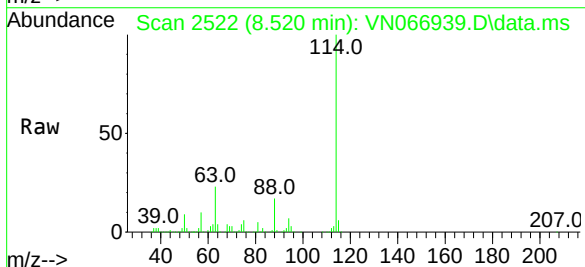
Instrument :
MSVOA_N
ClientSampled :

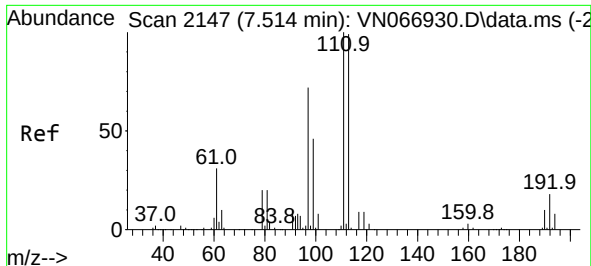
Tgt Ion: 65 Resp: 404250
Ion Ratio Lower Upper
65 100
67 52.9 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.520 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VN066939.D
Acq: 4 May 2021 16:39

Tgt Ion: 114 Resp: 892437
Ion Ratio Lower Upper
114 100
63 23.5 0.0 38.6
88 17.2 0.0 30.6

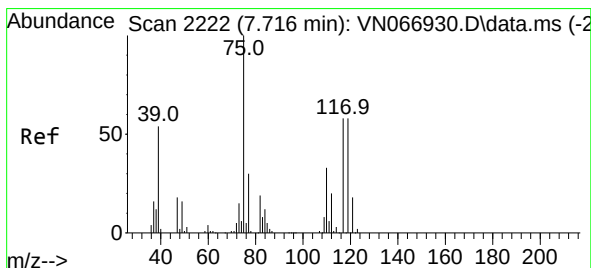
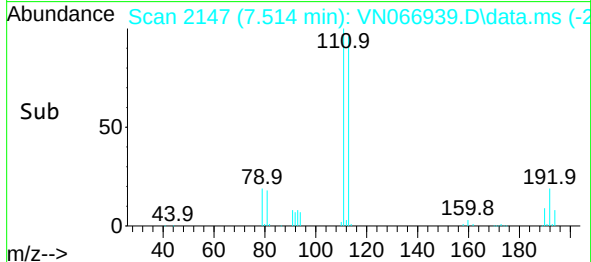
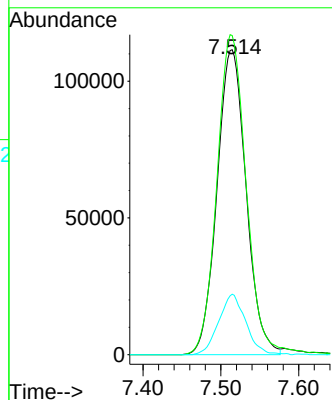
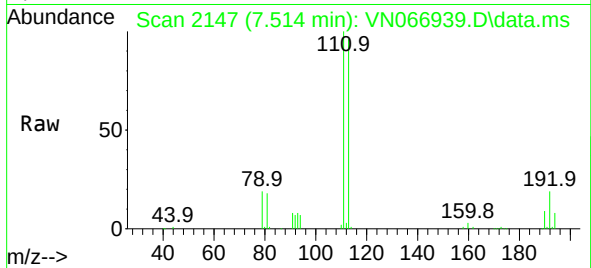




#35
Dibromofluoromethane
Concen: 47.72 ug/l
RT: 7.514 min Scan# 2147
Delta R.T. 0.000 min
Lab File: VN066939.D
Acq: 4 May 2021 16:39

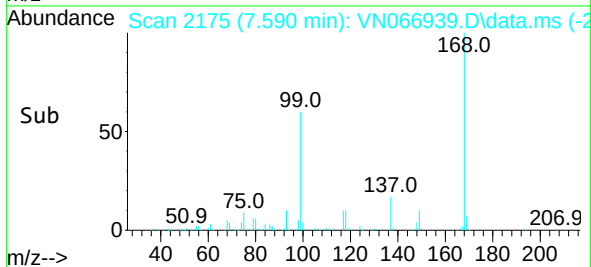
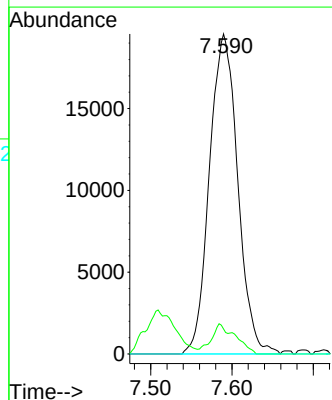
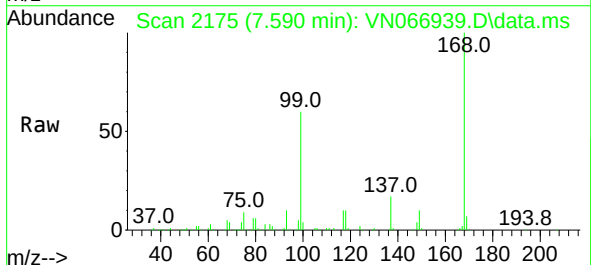
Instrument :
MSVOA_N
ClientSampled :

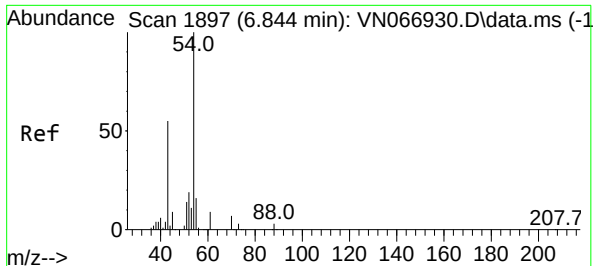
Tgt Ion:113 Resp: 289195
Ion Ratio Lower Upper
113 100
111 105.7 82.2 123.2
192 18.5 15.4 23.0



#36
1,1-Dichloropropene
Concen: 5.09 ug/l
RT: 7.590 min Scan# 2175
Delta R.T. -0.126 min
Lab File: VN066939.D
Acq: 4 May 2021 16:39

Tgt Ion: 75 Resp: 47285
Ion Ratio Lower Upper
75 100
110 3.7 18.2 54.6#
77 0.0 24.9 37.3#





#37

Ethyl Acetate

Concen: 0.86 ug/l

RT: 6.763 min Scan# 1867

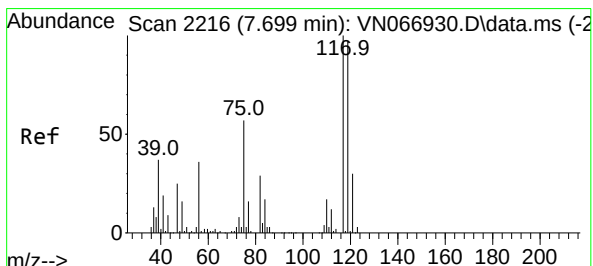
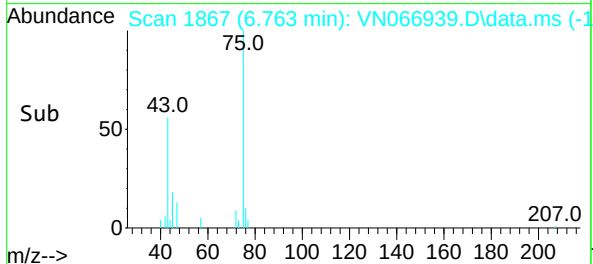
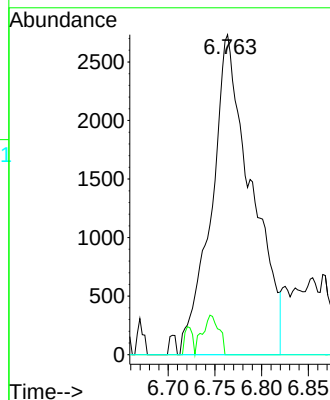
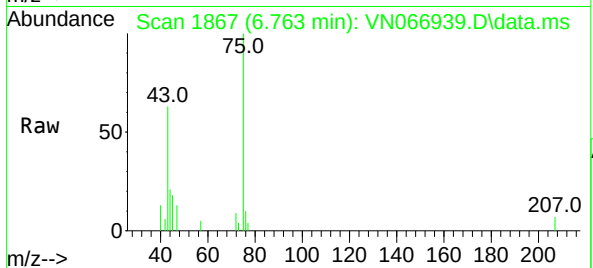
Delta R.T. -0.081 min

Lab File: VN066939.D

Acq: 4 May 2021 16:39

Tgt Ion:	43	Resp:	8133
Ion	Ratio	Lower	Upper
43	100		
61	5.1	11.6	17.4#
70	0.0	8.6	13.0#

Instrument :
MSVOA_N
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 5.62 ug/l

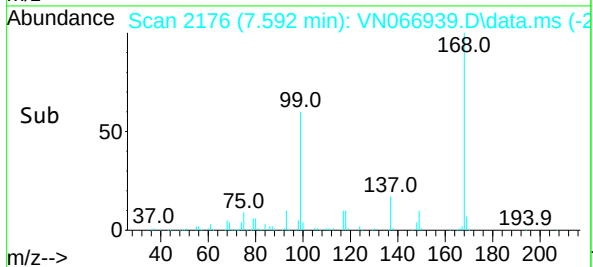
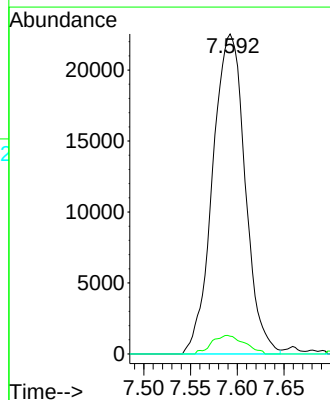
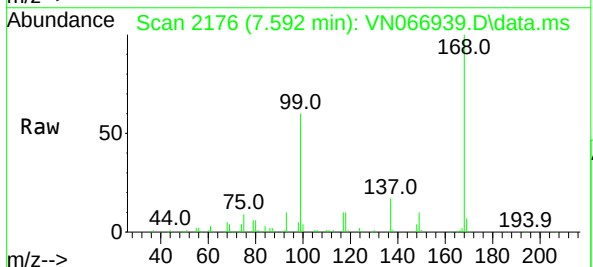
RT: 7.592 min Scan# 2176

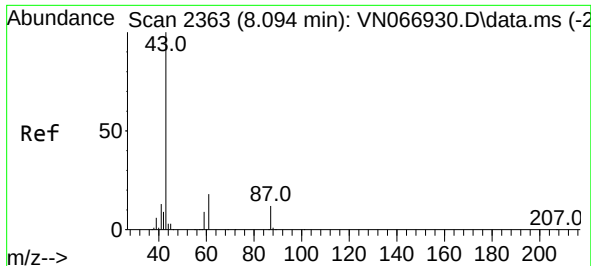
Delta R.T. -0.107 min

Lab File: VN066939.D

Acq: 4 May 2021 16:39

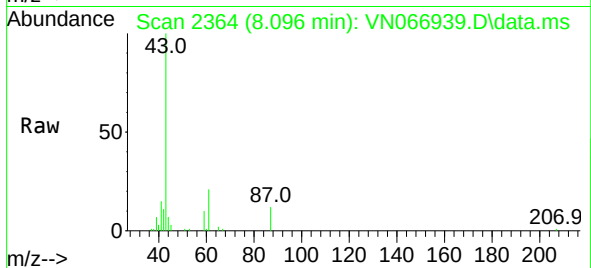
Tgt Ion:	117	Resp:	54479
Ion	Ratio	Lower	Upper
117	100		
119	5.6	76.0	114.0#
121	0.0	24.5	36.7#



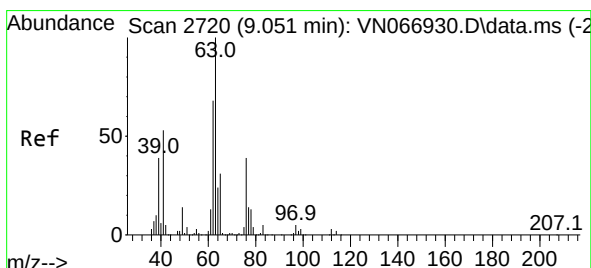
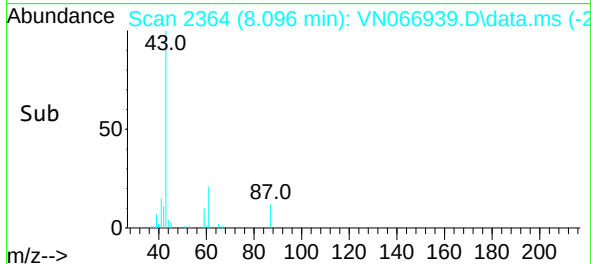
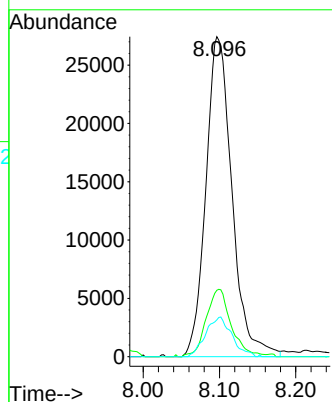


#43
Isopropyl Acetate
Concen: 4.24 ug/l
RT: 8.096 min Scan# 2364
Delta R.T. 0.002 min
Lab File: VN066939.D
Acq: 4 May 2021 16:39

Instrument :
MSVOA_N
ClientSampled :

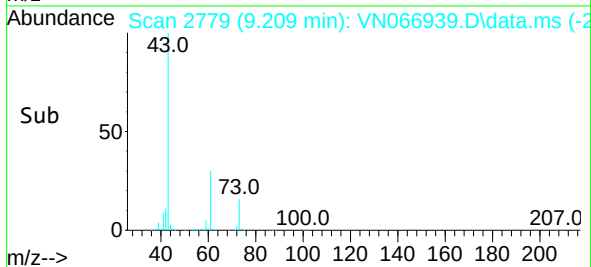
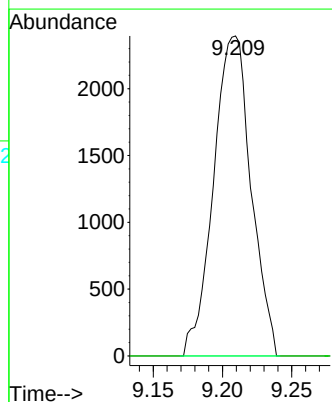
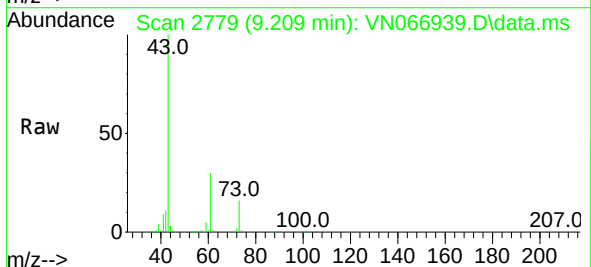


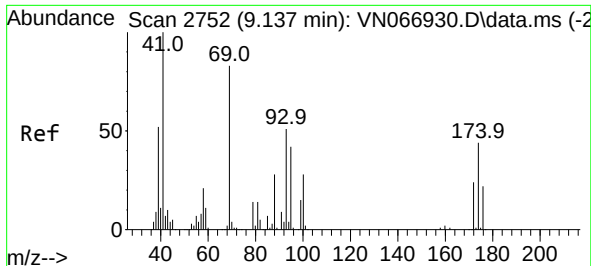
Tgt Ion: 43 Resp: 65209
Ion Ratio Lower Upper
43 100
61 20.2 22.5 33.7#
87 12.4 11.1 16.7



#45
1,2-Dichloropropane
Concen: 0.56 ug/l
RT: 9.209 min Scan# 2779
Delta R.T. 0.158 min
Lab File: VN066939.D
Acq: 4 May 2021 16:39

Tgt Ion: 63 Resp: 4525
Ion Ratio Lower Upper
63 100
65 0.0 24.9 37.3#

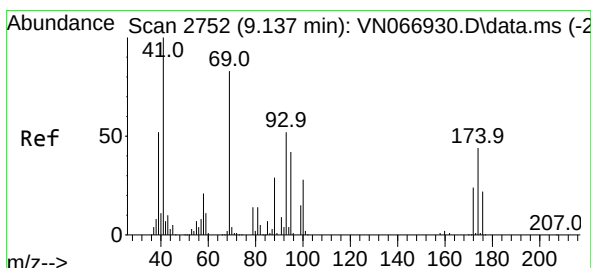
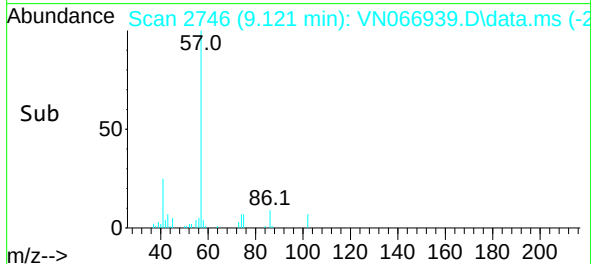
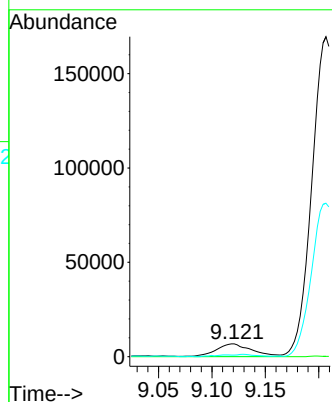
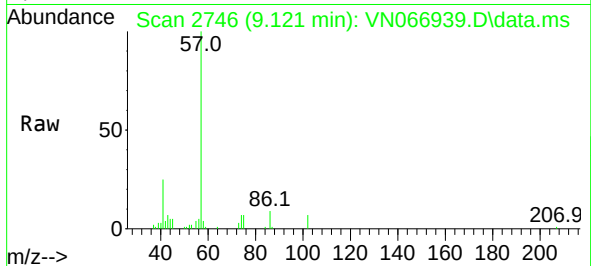




#48
Methyl methacrylate
Concen: 2.20 ug/l
RT: 9.121 min Scan# 2746
Delta R.T. -0.016 min
Lab File: VN066939.D
Acq: 4 May 2021 16:39

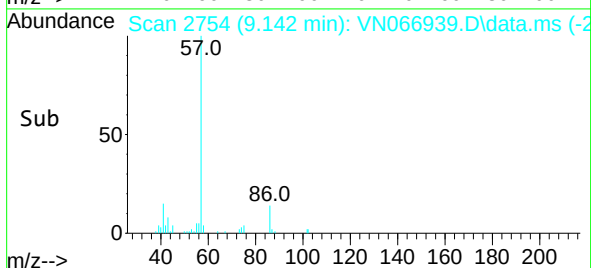
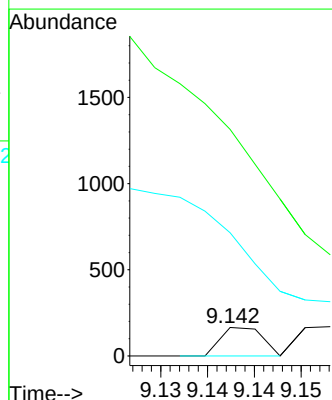
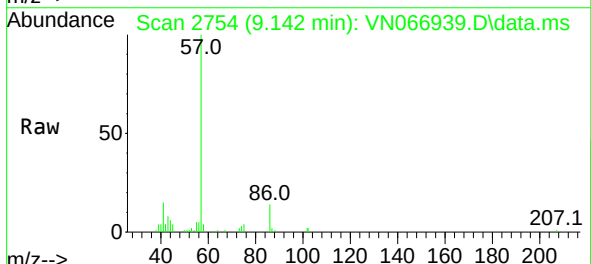
Instrument :
MSVOA_N
ClientSampled :

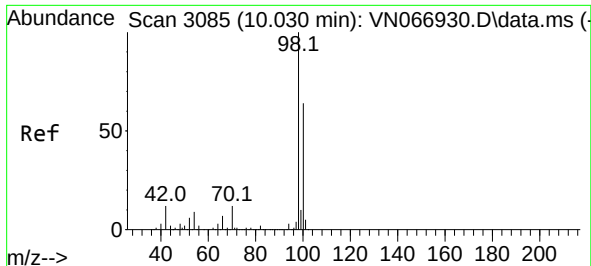
Tgt Ion: 41 Resp: 14990
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 0.0 46.6 69.8#



#49
1,4-Dioxane
Concen: 0.48 ug/l
RT: 9.142 min Scan# 2754
Delta R.T. 0.005 min
Lab File: VN066939.D
Acq: 4 May 2021 16:39

Tgt Ion: 88 Resp: 52
Ion Ratio Lower Upper
88 100
43 0.0 24.7 37.1#
58 0.0 52.6 78.8#

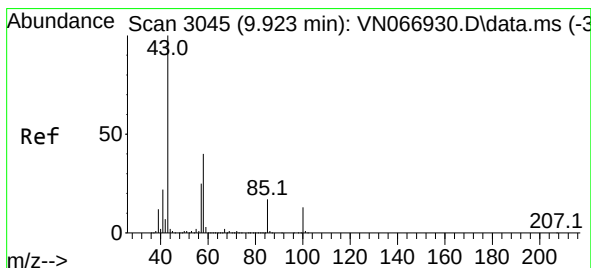
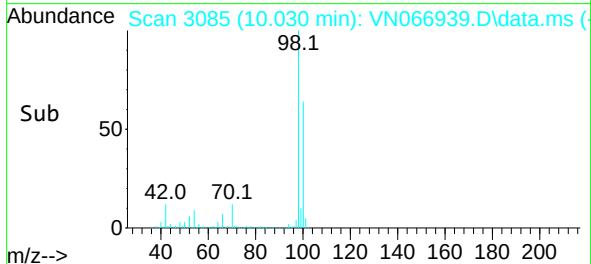
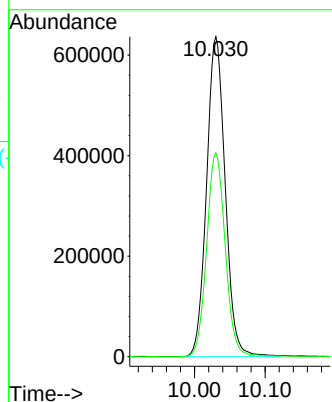
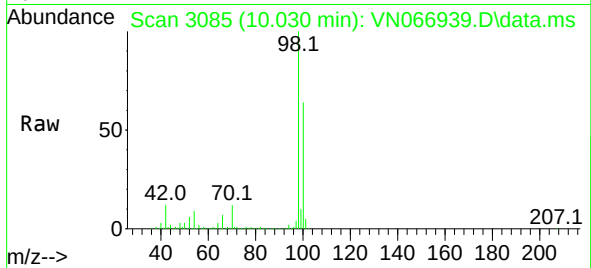




#50
Toluene-d8
Concen: 50.66 ug/l
RT: 10.030 min Scan# 3085
Delta R.T. 0.000 min
Lab File: VN066939.D
Acq: 4 May 2021 16:39

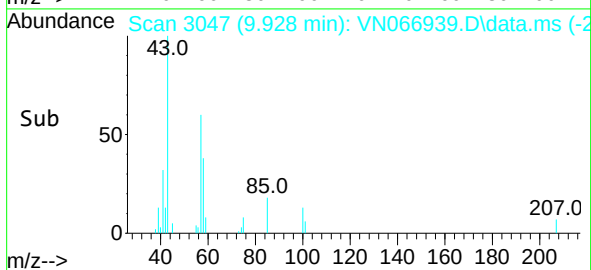
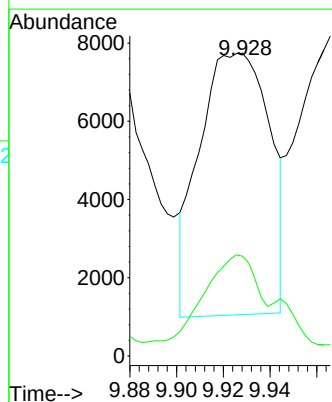
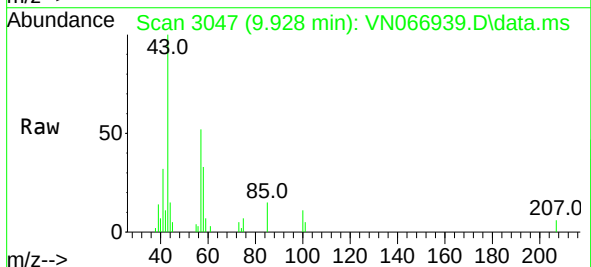
Instrument :
MSVOA_N
ClientSampled :

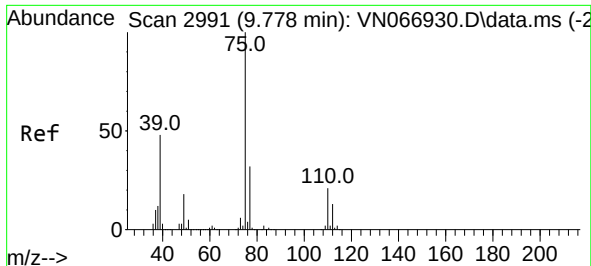
Tgt Ion: 98 Resp: 1169258
Ion Ratio Lower Upper
98 100
100 64.0 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 1.56 ug/l
RT: 9.928 min Scan# 3047
Delta R.T. 0.005 min
Lab File: VN066939.D
Acq: 4 May 2021 16:39

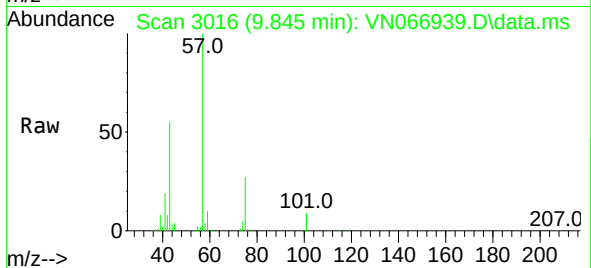
Tgt Ion: 43 Resp: 13906
Ion Ratio Lower Upper
43 100
58 24.2 32.5 48.7#



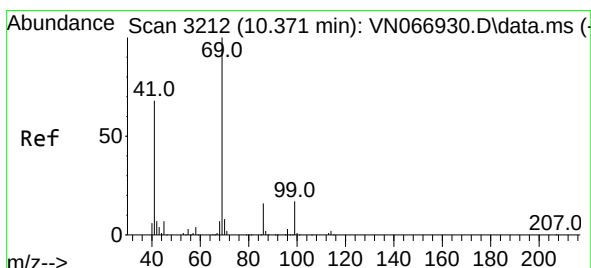
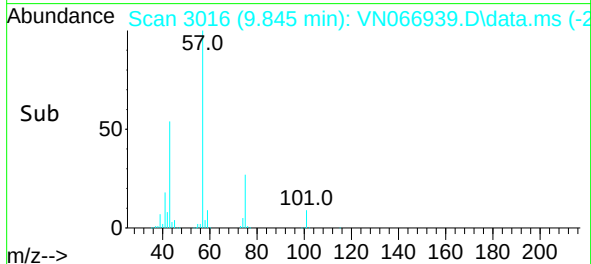
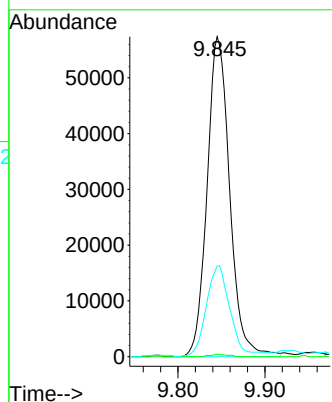


#54
cis-1,3-Dichloropropene
Concen: 8.47 ug/l
RT: 9.845 min Scan# 3016
Delta R.T. 0.067 min
Lab File: VN066939.D
Acq: 4 May 2021 16:39

Instrument :
MSVOA_N
ClientSampleId :

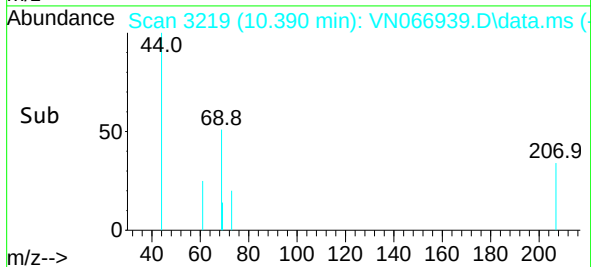
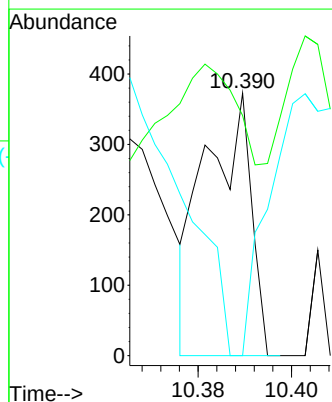
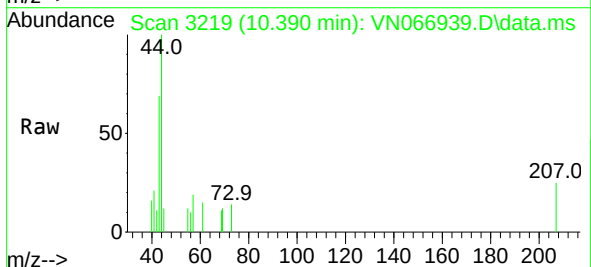


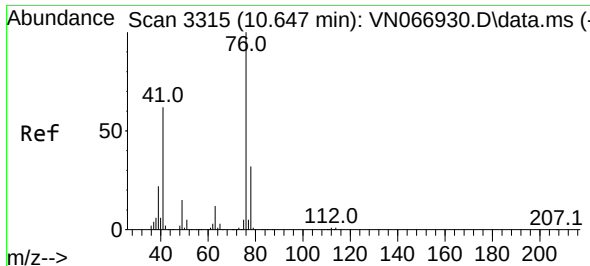
Tgt Ion: 75 Resp: 103646
Ion Ratio Lower Upper
75 100
77 0.8 24.9 37.3#
39 28.3 36.2 54.4#



#56
Ethyl methacrylate
Concen: 5.21 ug/l
RT: 10.390 min Scan# 3219
Delta R.T. 0.019 min
Lab File: VN066939.D
Acq: 4 May 2021 16:39

Tgt Ion: 69 Resp: 254
Ion Ratio Lower Upper
69 100
41 0.0 49.6 74.4#
39 0.0 28.0 42.0#

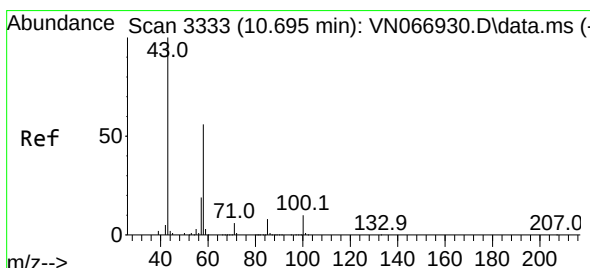
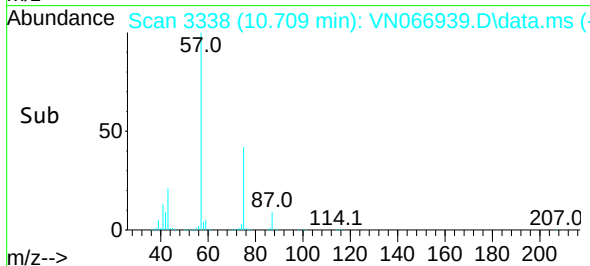
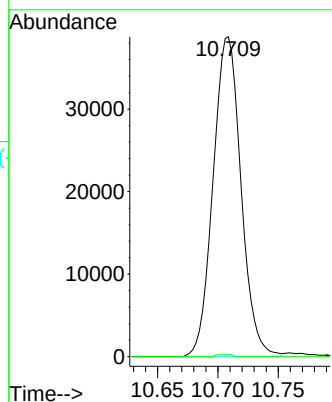
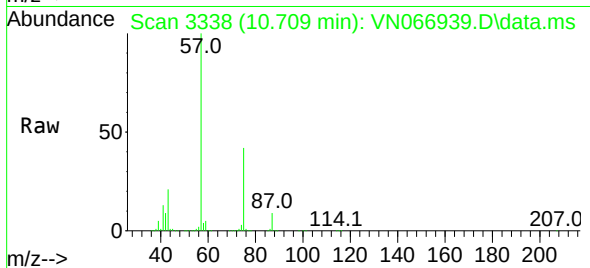




#57
1,3-Dichloropropane
Concen: 5.17 ug/l
RT: 10.709 min Scan# 3338
Delta R.T. 0.062 min
Lab File: VN066939.D
Acq: 4 May 2021 16:39

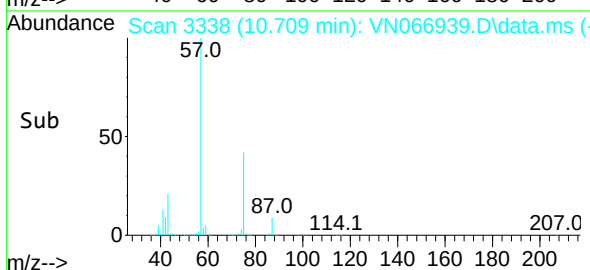
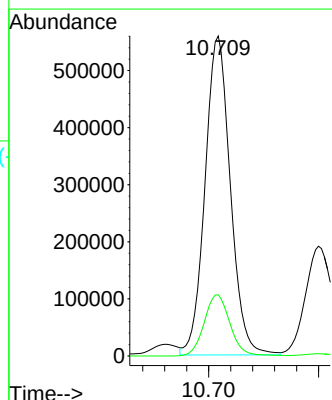
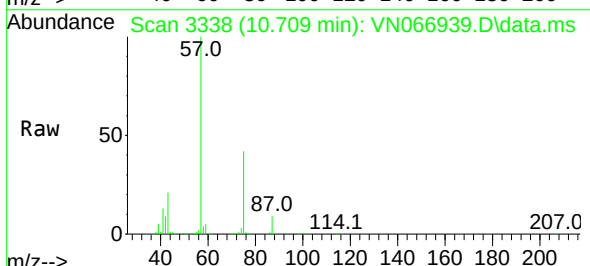
Instrument :
MSVOA_N
ClientSampled :

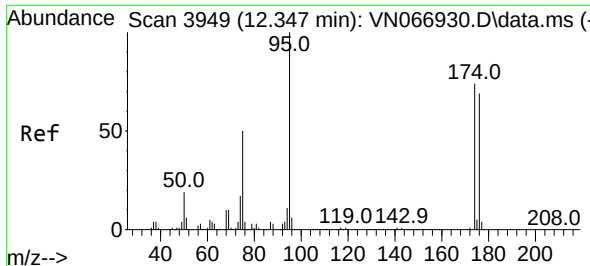
Tgt Ion: 76 Resp: 62377
Ion Ratio Lower Upper
76 100
78 0.2 25.7 38.5#



#59
2-Hexanone
Concen: 150.27 ug/l
RT: 10.709 min Scan# 3338
Delta R.T. 0.014 min
Lab File: VN066939.D
Acq: 4 May 2021 16:39

Tgt Ion: 43 Resp: 893204
Ion Ratio Lower Upper
43 100
58 19.6 28.1 84.3#

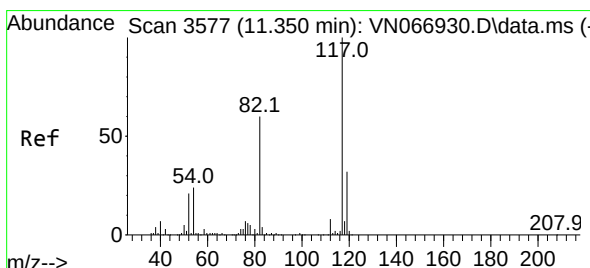
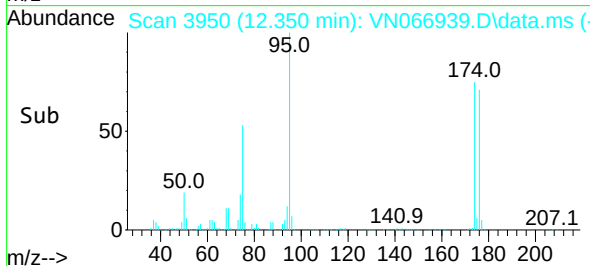
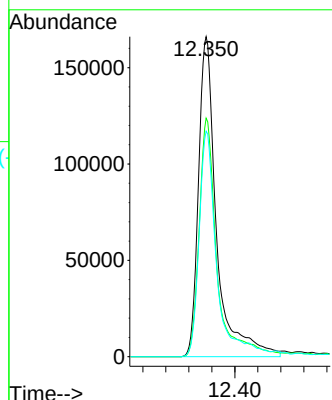
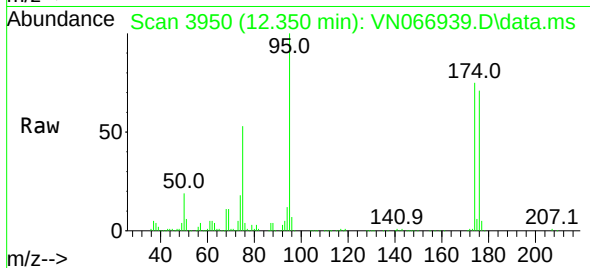




#62
4-Bromofluorobenzene
Concen: 46.41 ug/l
RT: 12.350 min Scan# 3950
Delta R.T. 0.003 min
Lab File: VN066939.D
Acq: 4 May 2021 16:39

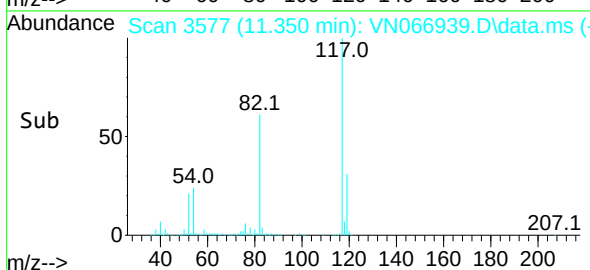
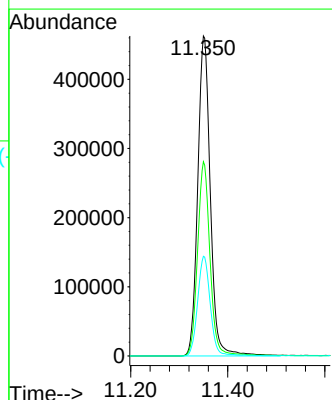
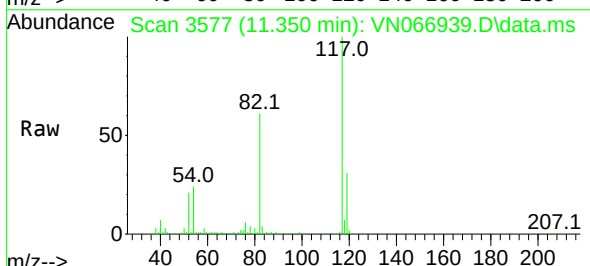
Instrument :
MSVOA_N
ClientSampled :

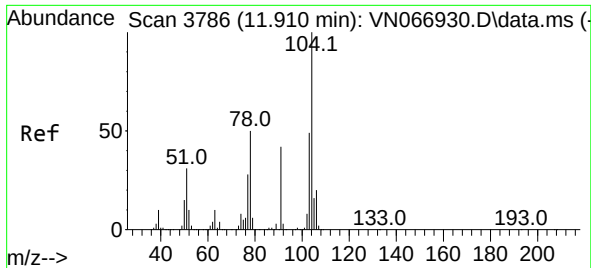
Tgt Ion: 95 Resp: 362636
Ion Ratio Lower Upper
95 100
174 73.5 0.0 169.0
176 65.2 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.350 min Scan# 3577
Delta R.T. -0.000 min
Lab File: VN066939.D
Acq: 4 May 2021 16:39

Tgt Ion: 117 Resp: 832003
Ion Ratio Lower Upper
117 100
82 60.7 43.7 65.5
119 31.2 26.1 39.1

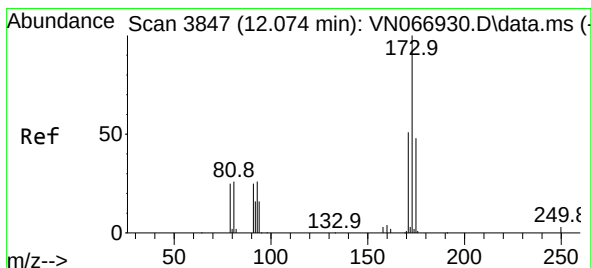
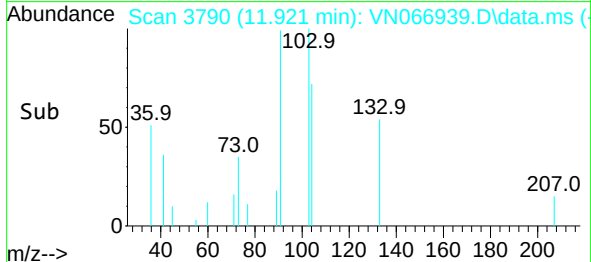
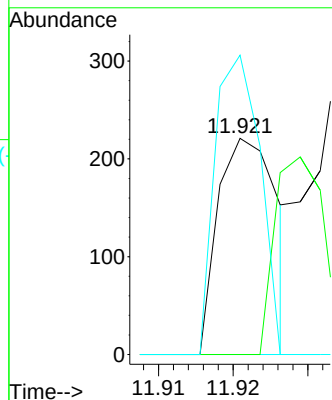
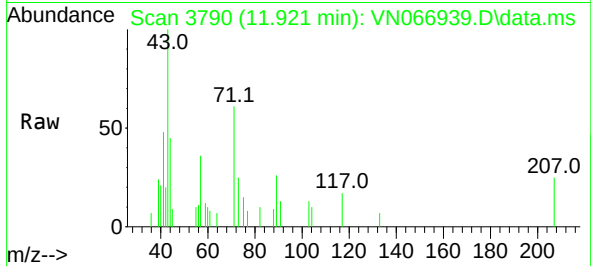




#70
Styrene
Concen: 4.72 ug/l
RT: 11.921 min Scan# 3790
Delta R.T. 0.011 min
Lab File: VN066939.D
Acq: 4 May 2021 16:39

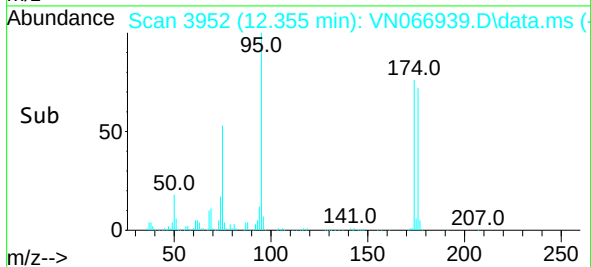
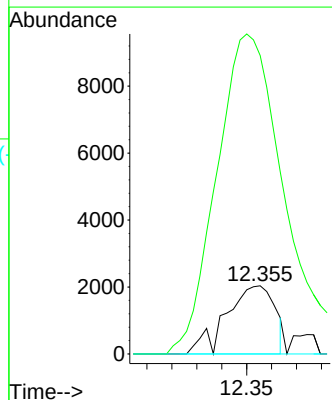
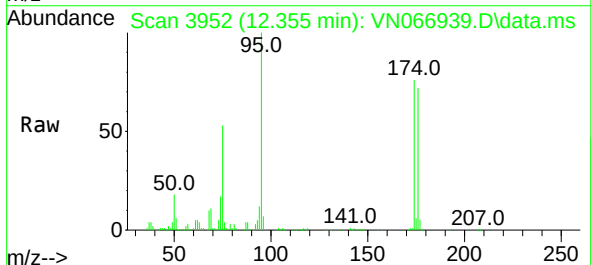
Instrument :
MSVOA_N
ClientSampled :

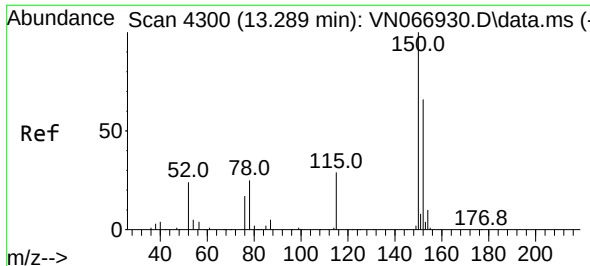
Tgt Ion:104 Resp: 122
Ion Ratio Lower Upper
104 100
78 73.8 39.0 58.4#
103 104.9 44.5 66.7#



#71
Bromoform
Concen: 0.55 ug/l
RT: 12.355 min Scan# 3952
Delta R.T. 0.281 min
Lab File: VN066939.D
Acq: 4 May 2021 16:39

Tgt Ion:173 Resp: 2768
Ion Ratio Lower Upper
173 100
175 537.9 23.8 71.2#
254 0.0 0.0 0.0

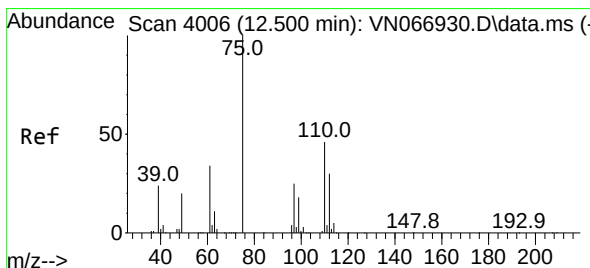
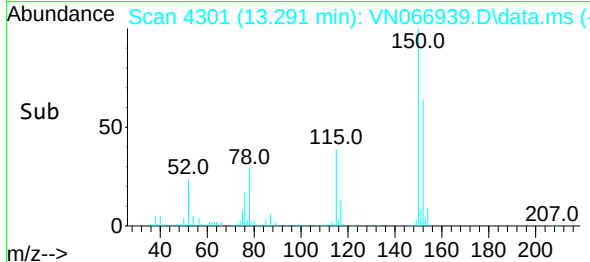
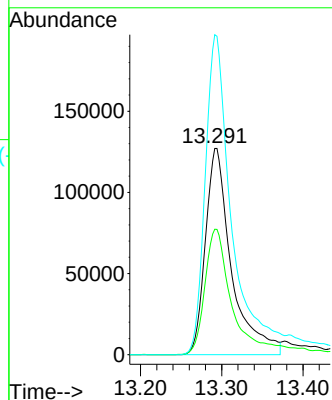
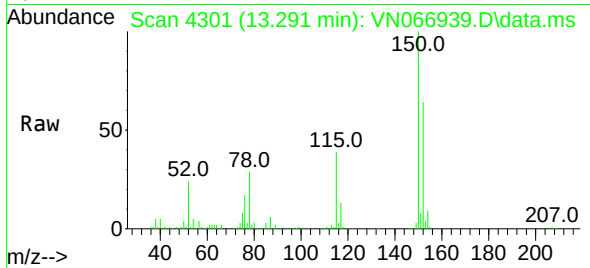




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.291 min Scan# 4301
Delta R.T. 0.002 min
Lab File: VN066939.D
Acq: 4 May 2021 16:39

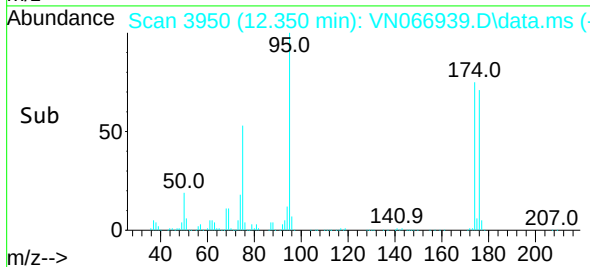
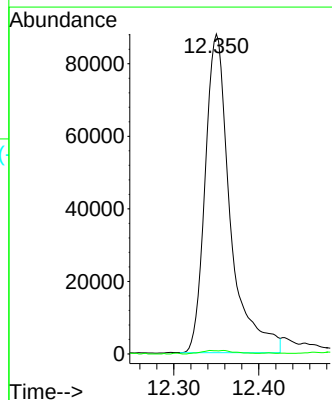
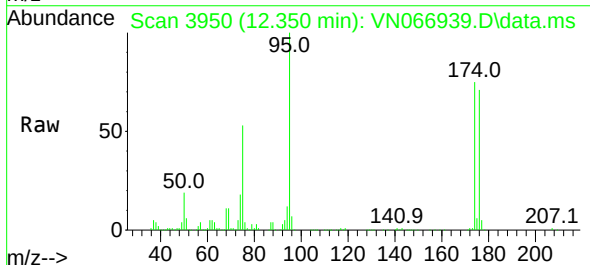
Instrument :
MSVOA_N
ClientSampled :

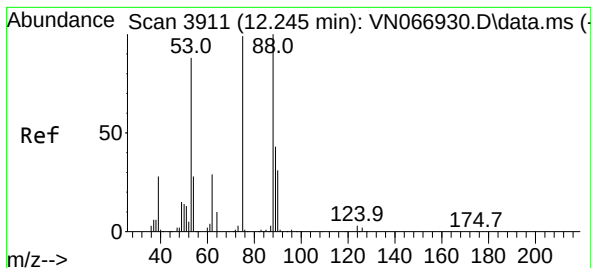
Tgt Ion:152 Resp: 284344
Ion Ratio Lower Upper
152 100
115 65.6 28.5 85.6
150 157.5 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 26.56 ug/l
RT: 12.350 min Scan# 3950
Delta R.T. -0.150 min
Lab File: VN066939.D
Acq: 4 May 2021 16:39

Tgt Ion: 75 Resp: 179885
Ion Ratio Lower Upper
75 100
77 0.8 0.0 0.0#

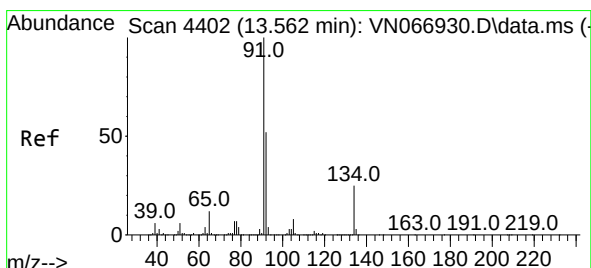
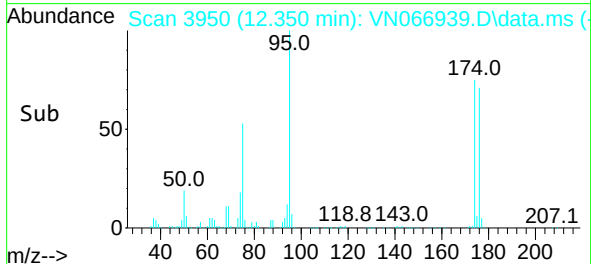
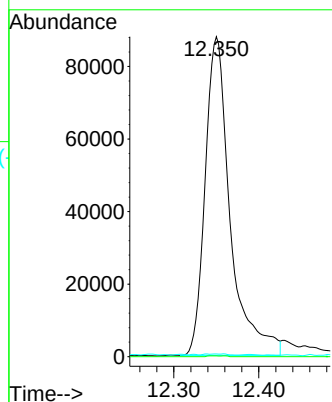
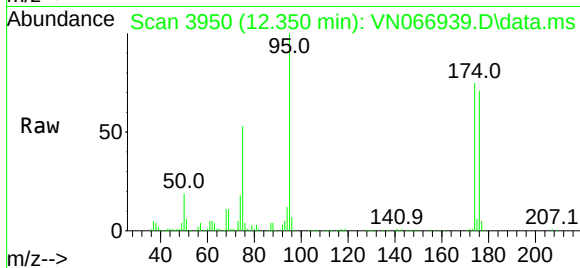




#81
trans-1,4-Dichloro-2-butene
Concen: 79.57 ug/l
RT: 12.350 min Scan# 3950
Delta R.T. 0.105 min
Lab File: VN066939.D
Acq: 4 May 2021 16:39

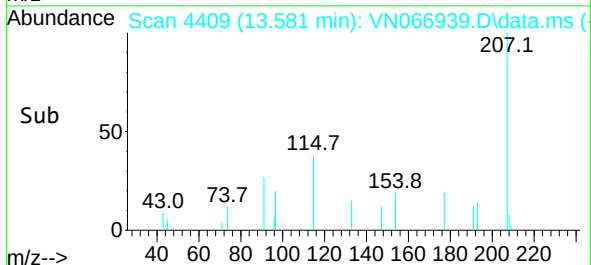
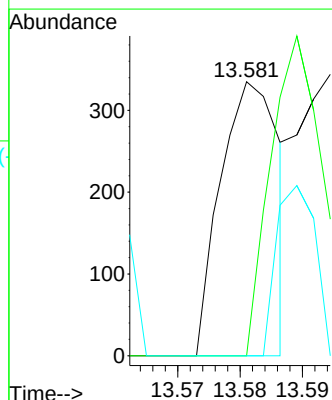
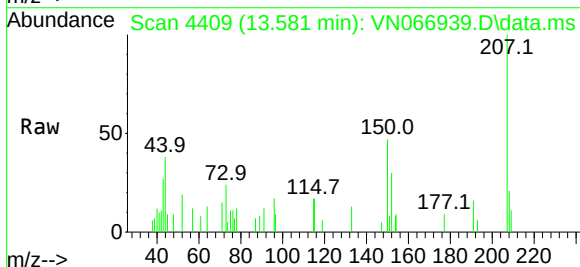
Instrument :
MSVOA_N
ClientSampleId :

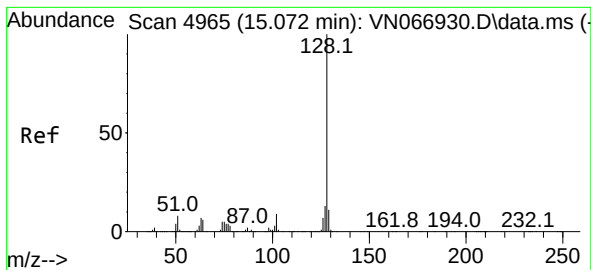
Tgt Ion: 75 Resp: 179885
Ion Ratio Lower Upper
75 100
53 0.1 74.6 111.8#
89 0.1 35.8 53.8#



#89
n-Butylbenzene
Concen: 5.25 ug/l
RT: 13.581 min Scan# 4409
Delta R.T. 0.019 min
Lab File: VN066939.D
Acq: 4 May 2021 16:39

Tgt Ion: 91 Resp: 218
Ion Ratio Lower Upper
91 100
92 100.0 26.1 78.3#
134 41.3 13.0 38.9#

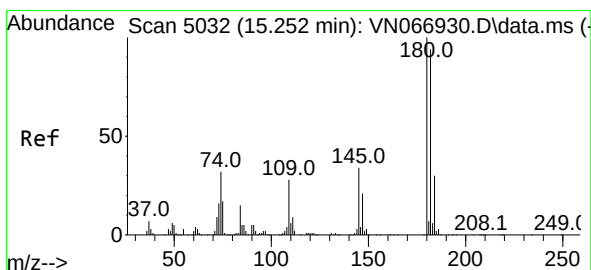
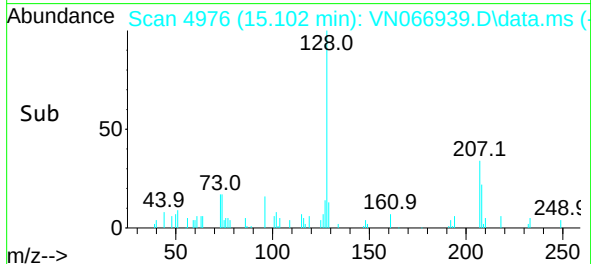
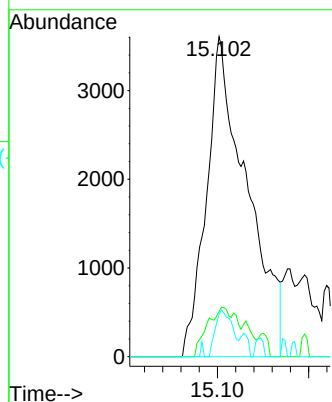
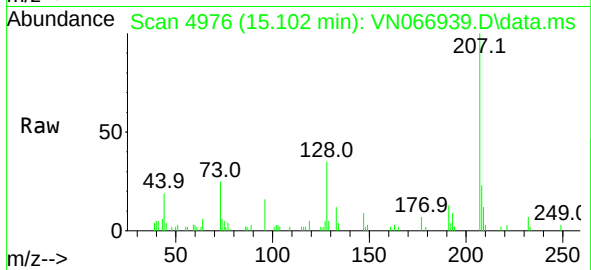




#95
Naphthalene
Concen: 0.88 ug/l
RT: 15.102 min Scan# 4976
Delta R.T. 0.030 min
Lab File: VN066939.D
Acq: 4 May 2021 16:39

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 11030
Ion Ratio Lower Upper
128 100
127 8.8 10.2 15.2#
129 6.2 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 0.38 ug/l
RT: 15.265 min Scan# 5037
Delta R.T. 0.013 min
Lab File: VN066939.D
Acq: 4 May 2021 16:39

Tgt Ion:180 Resp: 1776
Ion Ratio Lower Upper
180 100
182 62.5 47.4 142.3
145 29.8 16.5 49.5

