

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050421\
 Data File : VN066954.D
 Acq On : 4 May 2021 23:32
 Operator : JC/MD
 Sample : VN0504WBL02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 05 05:30:35 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)

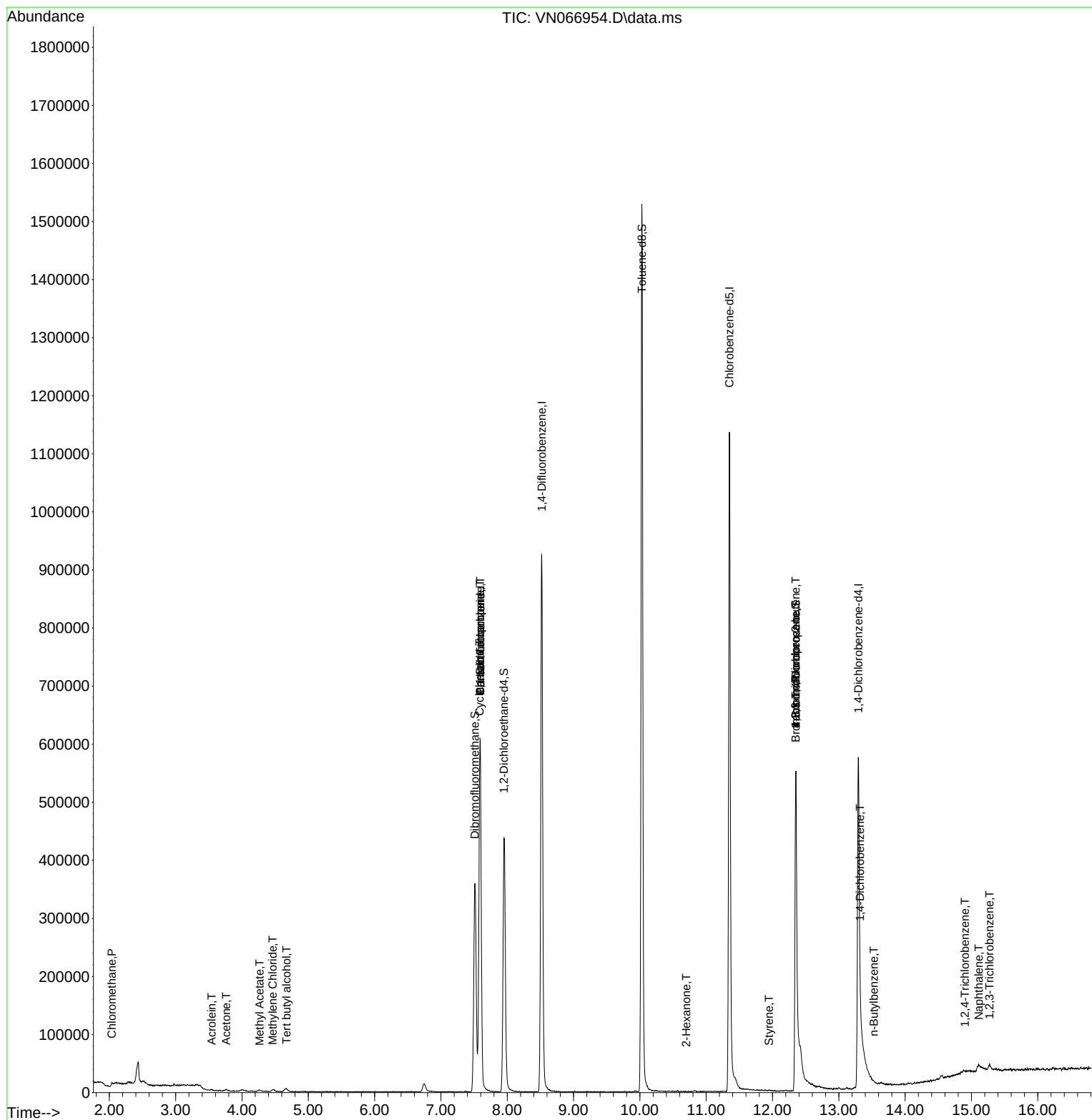
Internal Standards						
1) Pentafluorobenzene	7.592	168	468281	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.520	114	779948	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	677613	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.294	152	243317	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.952	65	399761	54.24	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 108.48%			
35) Dibromofluoromethane	7.512	113	285766	53.96	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 107.92%			
50) Toluene-d8	10.030	98	1057110	52.41	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.82%			
62) 4-Bromofluorobenzene	12.350	95	256775	37.60	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 75.20%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.035	50	2481	0.27	ug/l	95
11) Tert butyl alcohol	4.669	59	1893	1.82	ug/l #	73
13) Acrolein	3.542	56	734	0.85	ug/l #	1
16) Acetone	3.760	43	2789	1.08	ug/l	89
18) Methyl Acetate	4.264	43	2838	0.38	ug/l	91
20) Methylene Chloride	4.462	84	1696	0.26	ug/l	94
31) Cyclohexane	7.584	56	12043	1.16	ug/l #	1
36) 1,1-Dichloropropene	7.590	75	42002	5.17	ug/l #	48
38) Carbon Tetrachloride	7.592	117	48752	5.76	ug/l #	17
59) 2-Hexanone	10.698	43	78	28.38	ug/l #	23
70) Styrene	11.945	104	25	4.71	ug/l #	1
71) Bromoform	12.347	173	1014	0.25	ug/l #	29
76) 1,2,3-Trichloropropane	12.350	75	135859	23.44	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.350	75	135859	70.88	ug/l #	12
88) 1,4-Dichlorobenzene	13.318	146	1958	0.25	ug/l #	1
89) n-Butylbenzene	13.527	91	26	5.24	ug/l #	34
93) 1,2,4-Trichlorobenzene	14.903	180	2079	0.51	ug/l	94
95) Naphthalene	15.113	128	11423	1.07	ug/l #	76
96) 1,2,3-Trichlorobenzene	15.271	180	3563	0.90	ug/l	92

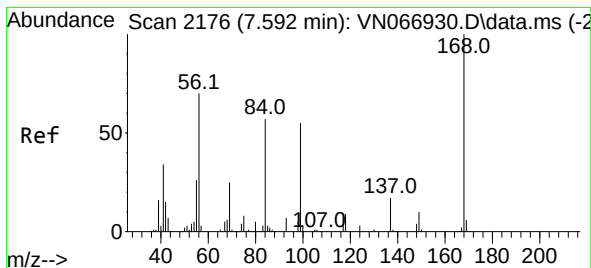
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.592 min Scan# 2176

Delta R.T. 0.000 min

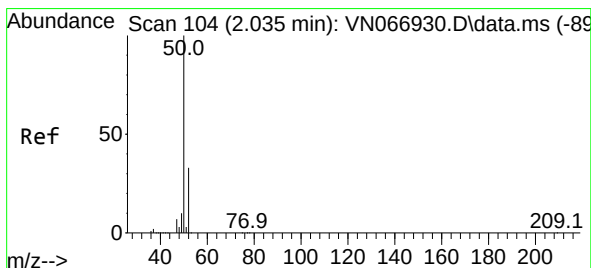
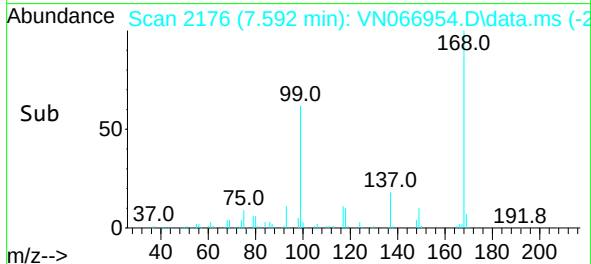
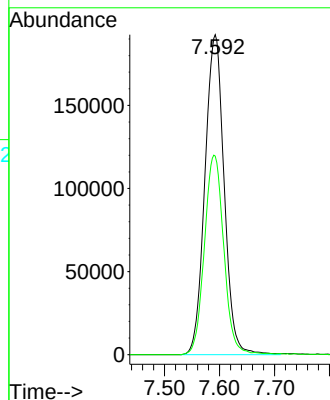
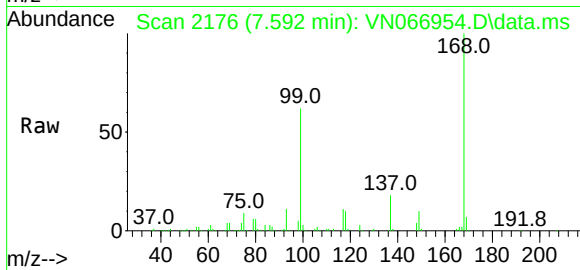
Lab File: VN066954.D

Acq: 4 May 2021 23:32

Tgt Ion:168 Resp: 468281

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
168	100		
99	62.1	42.6	63.8



#3

Chloromethane

Concen: 0.27 ug/l

RT: 2.035 min Scan# 104

Delta R.T. 0.000 min

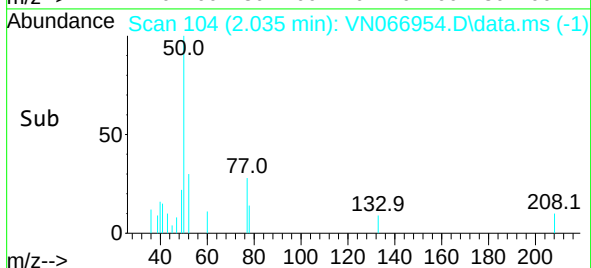
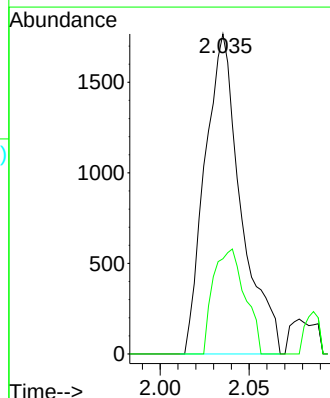
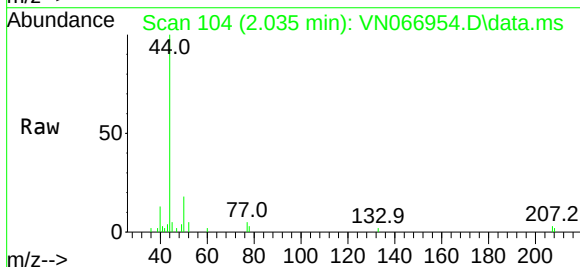
Lab File: VN066954.D

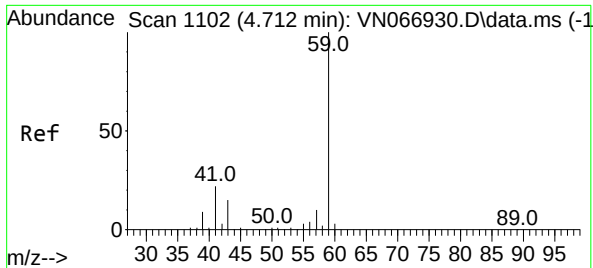
Acq: 4 May 2021 23:32

Tgt Ion: 50 Resp: 2481

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
50	100		
52	29.8	25.8	38.8



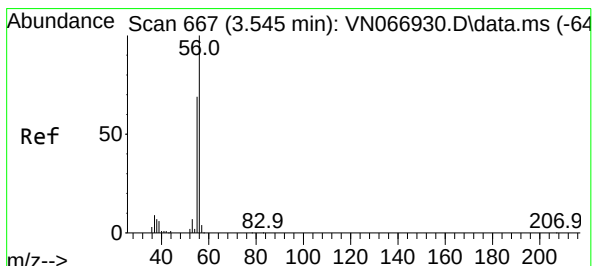
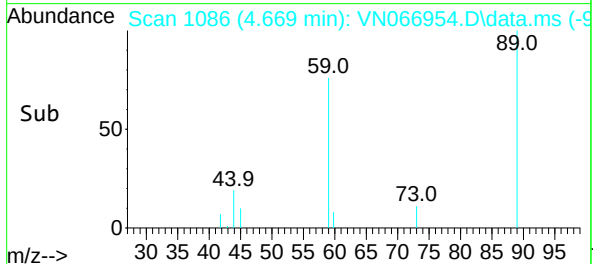
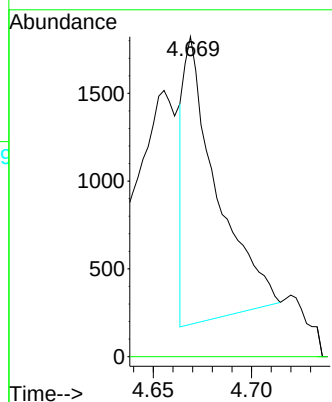
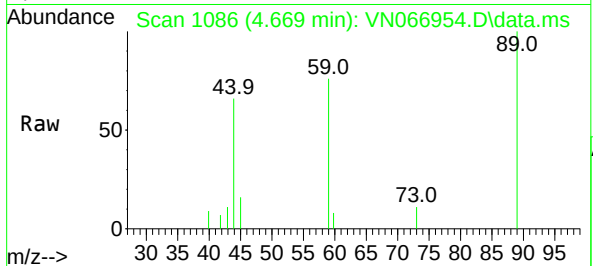


#11

Tert butyl alcohol
Concen: 1.82 ug/l
RT: 4.669 min Scan# 1086
Delta R.T. -0.043 min
Lab File: VN066954.D
Acq: 4 May 2021 23:32

Instrument :
MSVOA_N
ClientSampled :

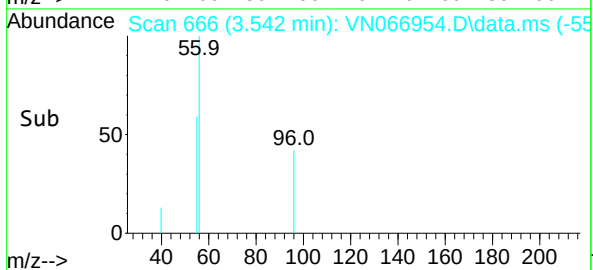
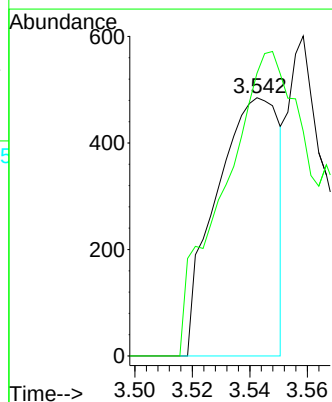
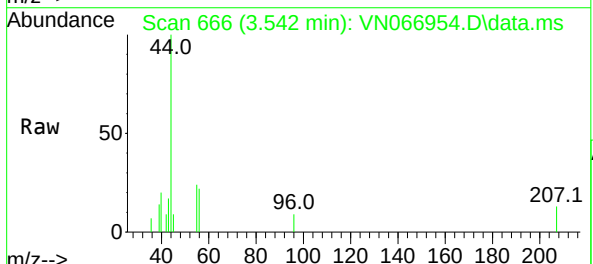
Tgt Ion: 59 Resp: 1893
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

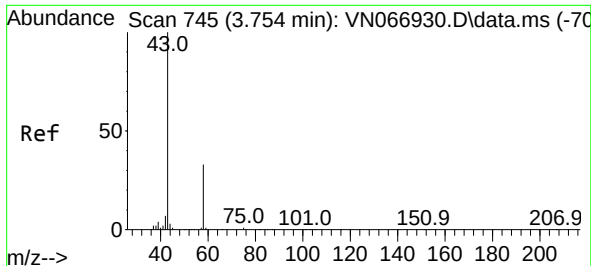


#13

Acrolein
Concen: 0.85 ug/l
RT: 3.542 min Scan# 666
Delta R.T. -0.003 min
Lab File: VN066954.D
Acq: 4 May 2021 23:32

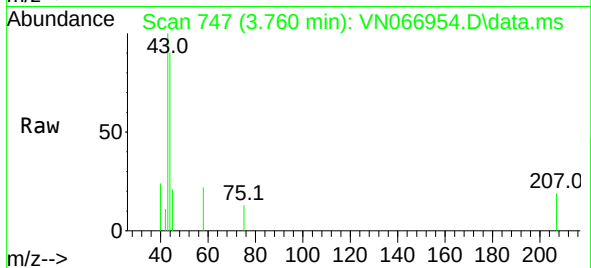
Tgt Ion: 56 Resp: 734
Ion Ratio Lower Upper
56 100
55 185.4 56.0 84.0#



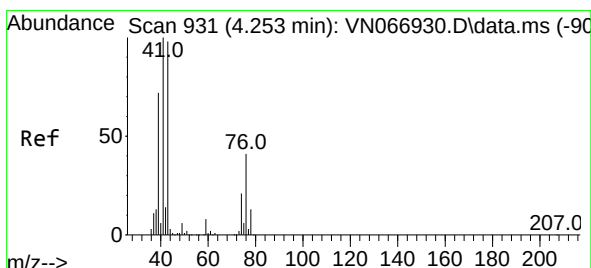
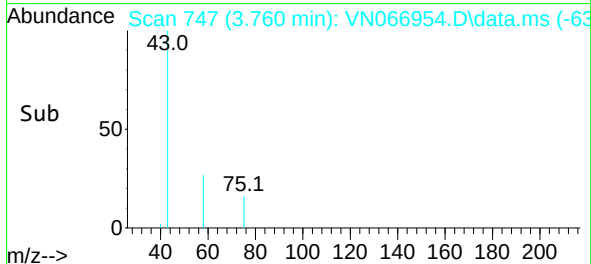
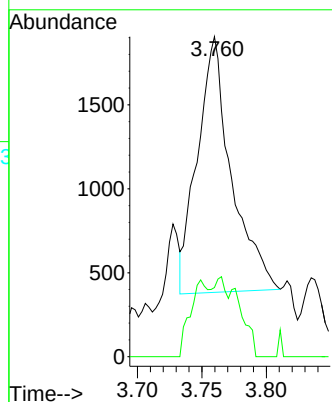


#16
Acetone
Concen: 1.08 ug/l
RT: 3.760 min Scan# 747
Delta R.T. 0.006 min
Lab File: VN066954.D
Acq: 4 May 2021 23:32

Instrument :
MSVOA_N
ClientSampled :

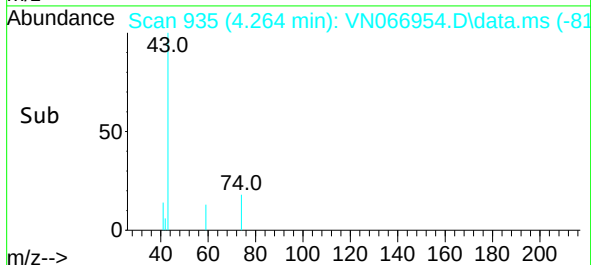
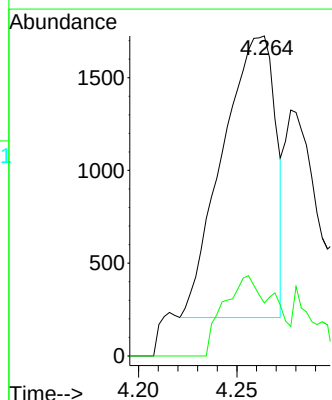
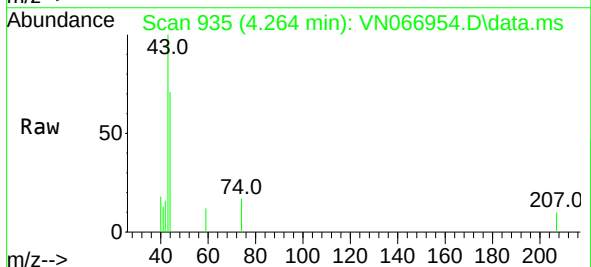


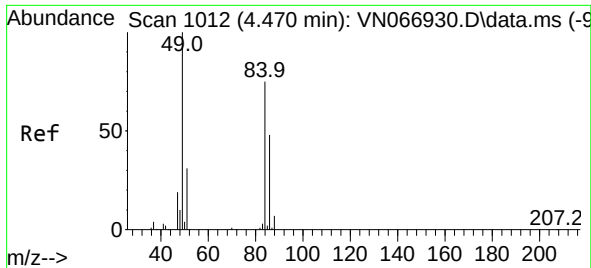
Tgt Ion: 43 Resp: 2789
Ion Ratio Lower Upper
43 100
58 27.4 27.0 40.6



#18
Methyl Acetate
Concen: 0.38 ug/l
RT: 4.264 min Scan# 935
Delta R.T. 0.011 min
Lab File: VN066954.D
Acq: 4 May 2021 23:32

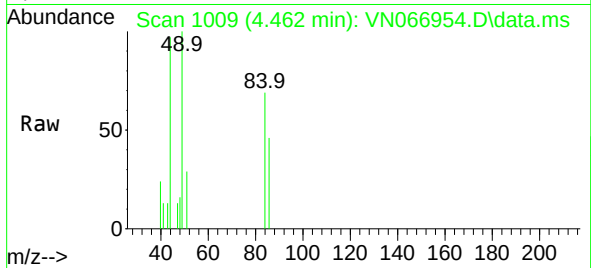
Tgt Ion: 43 Resp: 2838
Ion Ratio Lower Upper
43 100
74 19.9 19.5 29.3



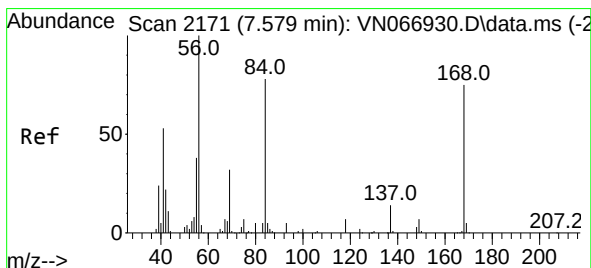
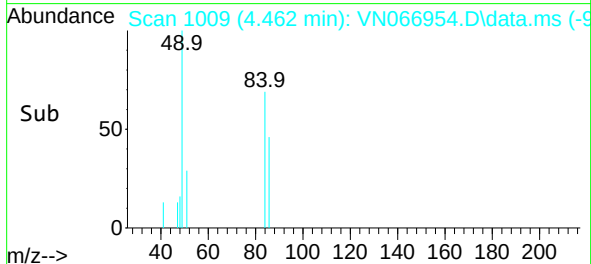
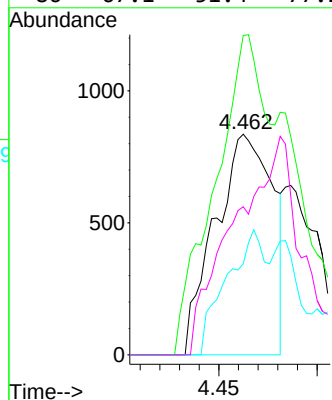


#20
Methylene Chloride
Concen: 0.26 ug/l
RT: 4.462 min Scan# 1009
Delta R.T. -0.008 min
Lab File: VN066954.D
Acq: 4 May 2021 23:32

Instrument :
MSVOA_N
ClientSampled :

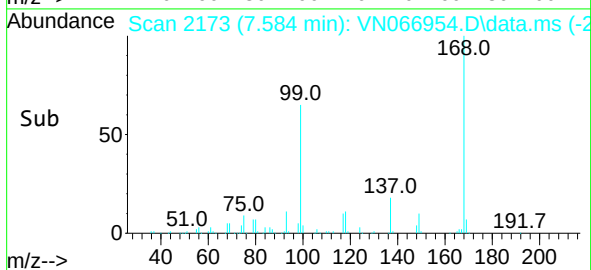
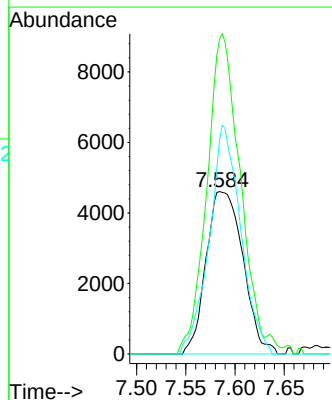
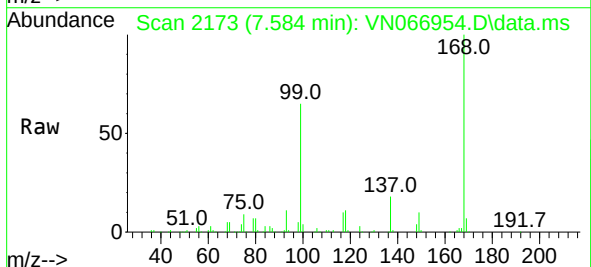


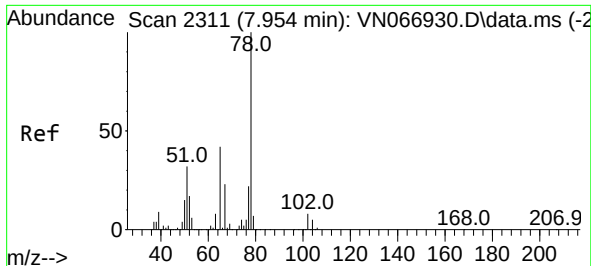
Tgt Ion:	84	Resp:	1696
Ion	Ratio	Lower	Upper
84	100		
49	126.4	94.6	141.8
51	41.3	29.9	44.9
86	67.1	51.4	77.2



#31
Cyclohexane
Concen: 1.16 ug/l
RT: 7.584 min Scan# 2173
Delta R.T. 0.005 min
Lab File: VN066954.D
Acq: 4 May 2021 23:32

Tgt Ion:	56	Resp:	12043
Ion	Ratio	Lower	Upper
56	100		
69	189.9	26.6	39.8#
84	131.9	70.4	105.6#

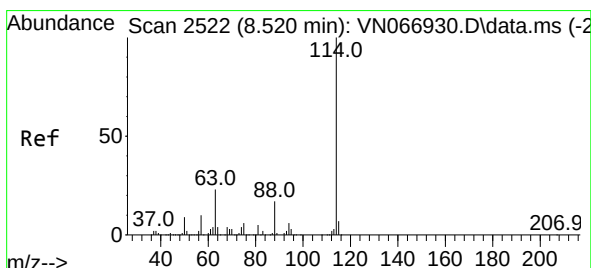
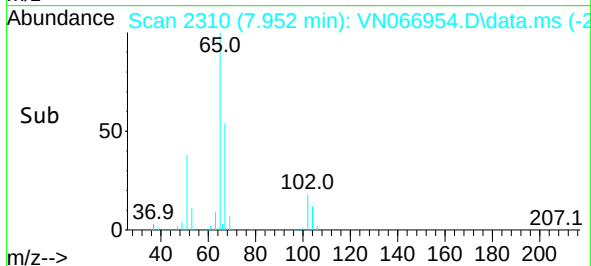
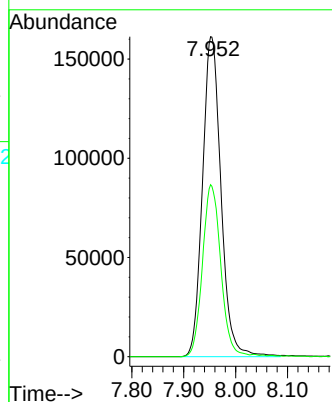
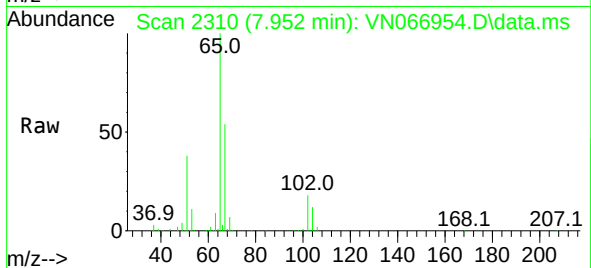




#33
1,2-Dichloroethane-d4
Concen: 54.24 ug/l
RT: 7.952 min Scan# 2310
Delta R.T. -0.002 min
Lab File: VN066954.D
Acq: 4 May 2021 23:32

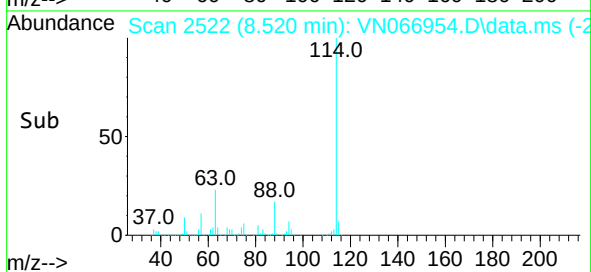
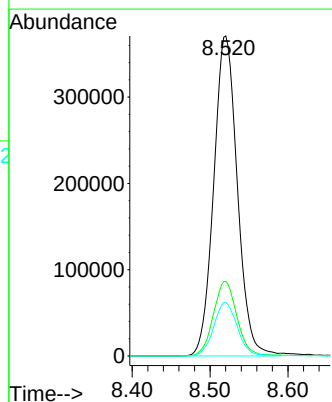
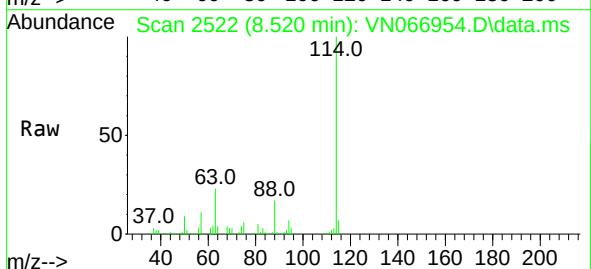
Instrument :
MSVOA_N
ClientSampled :

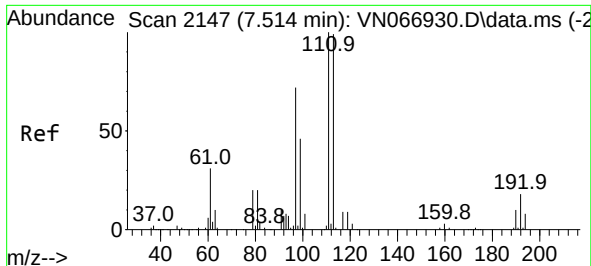
Tgt Ion: 65 Resp: 399761
Ion Ratio Lower Upper
65 100
67 52.9 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.520 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VN066954.D
Acq: 4 May 2021 23:32

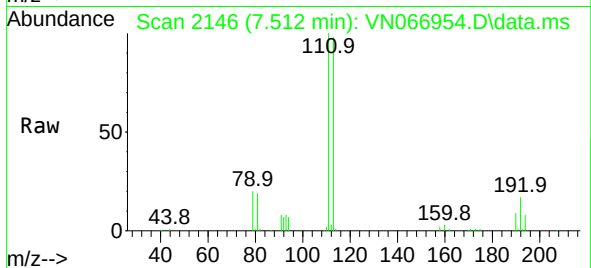
Tgt Ion: 114 Resp: 779948
Ion Ratio Lower Upper
114 100
63 23.3 0.0 38.6
88 16.8 0.0 30.6



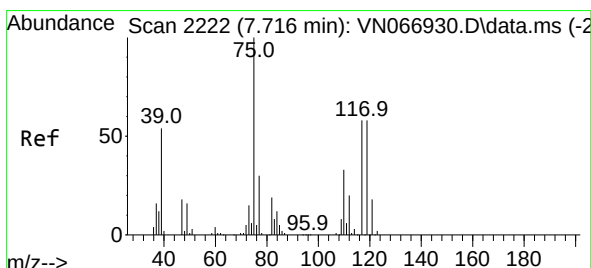
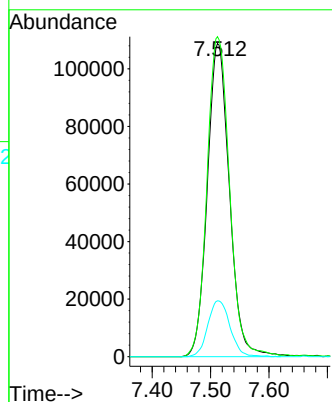
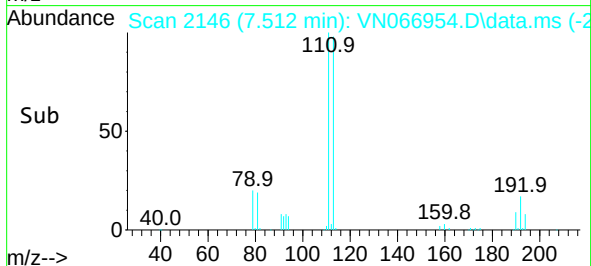


#35
Dibromofluoromethane
Concen: 53.96 ug/l
RT: 7.512 min Scan# 2146
Delta R.T. -0.002 min
Lab File: VN066954.D
Acq: 4 May 2021 23:32

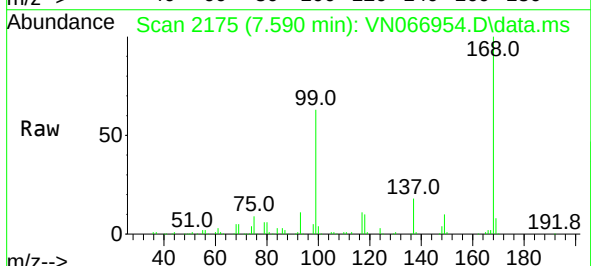
Instrument :
MSVOA_N
ClientSampled :



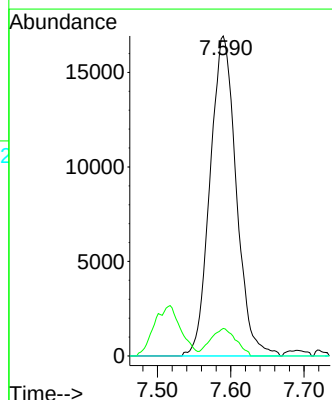
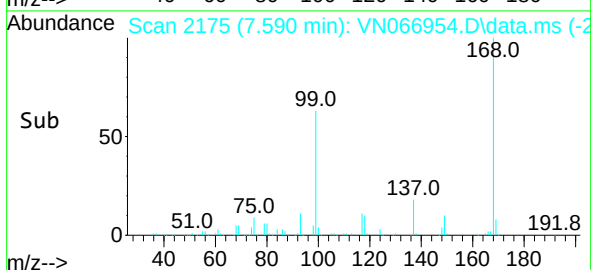
Tgt Ion:113 Resp: 285766
Ion Ratio Lower Upper
113 100
111 104.2 82.2 123.2
192 17.9 15.4 23.0

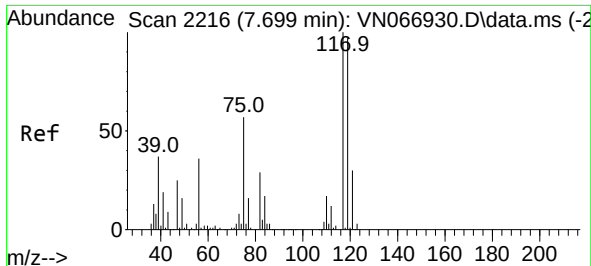


#36
1,1-Dichloropropene
Concen: 5.17 ug/l
RT: 7.590 min Scan# 2175
Delta R.T. -0.126 min
Lab File: VN066954.D
Acq: 4 May 2021 23:32



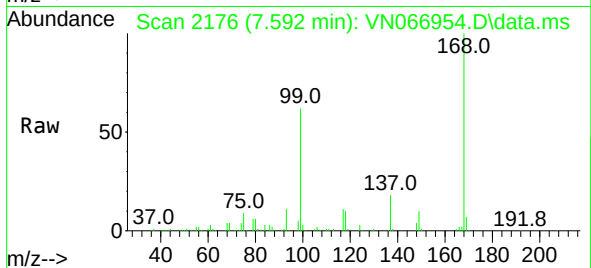
Tgt Ion: 75 Resp: 42002
Ion Ratio Lower Upper
75 100
110 8.4 18.2 54.6#
77 0.0 24.9 37.3#



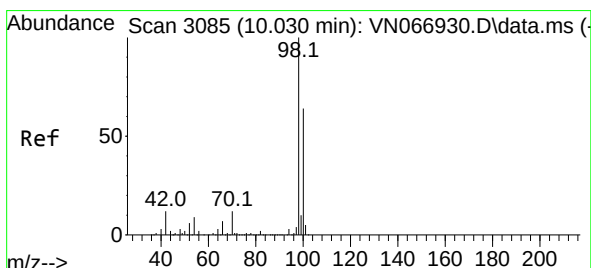
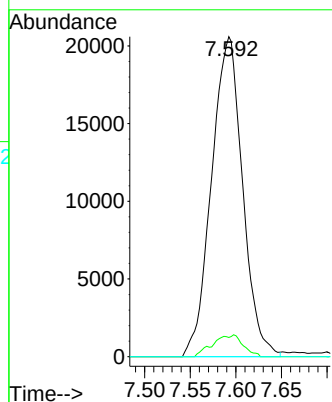
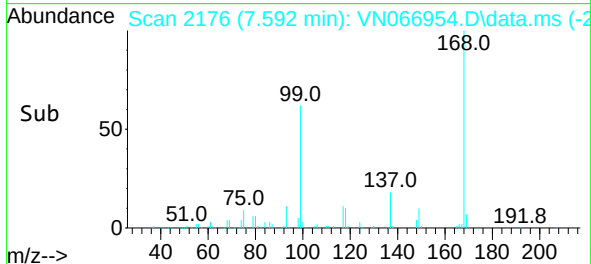


#38
Carbon Tetrachloride
Concen: 5.76 ug/l
RT: 7.592 min Scan# 2176
Delta R.T. -0.107 min
Lab File: VN066954.D
Acq: 4 May 2021 23:32

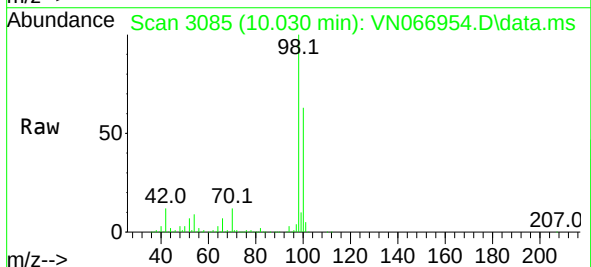
Instrument :
MSVOA_N
ClientSampled :



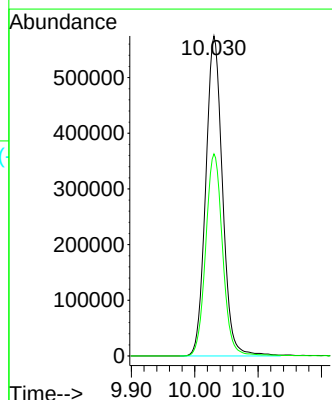
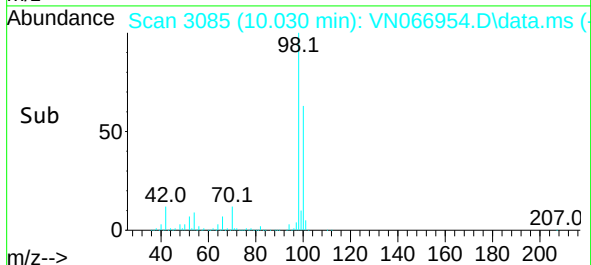
Tgt Ion:117 Resp: 48752
Ion Ratio Lower Upper
117 100
119 6.0 76.0 114.0#
121 0.0 24.5 36.7#

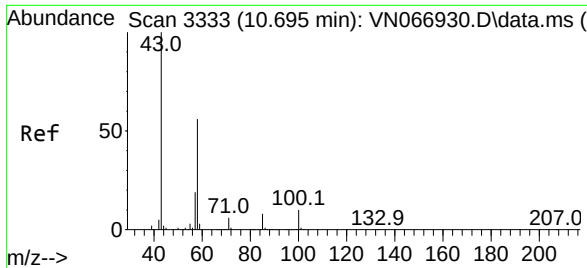


#50
Toluene-d8
Concen: 52.41 ug/l
RT: 10.030 min Scan# 3085
Delta R.T. 0.000 min
Lab File: VN066954.D
Acq: 4 May 2021 23:32



Tgt Ion: 98 Resp: 1057110
Ion Ratio Lower Upper
98 100
100 63.4 50.5 75.7

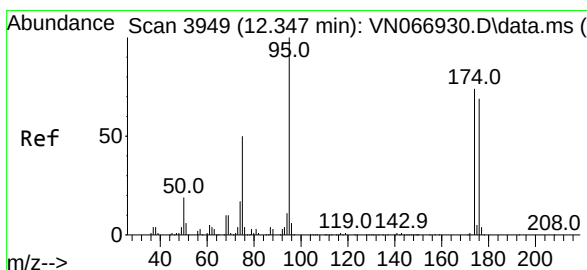
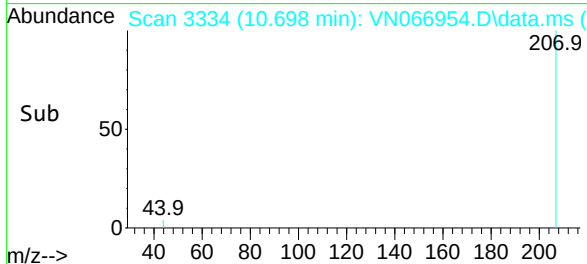
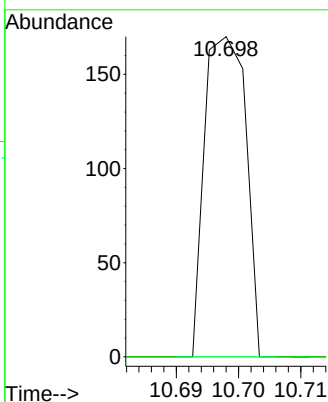
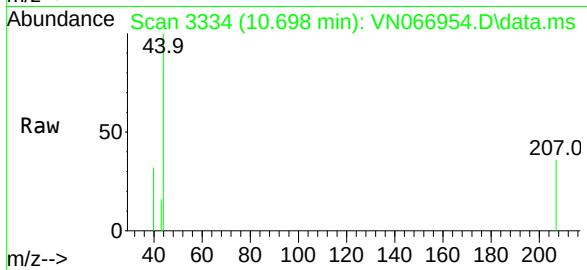




#59
2-Hexanone
Concen: 28.38 ug/l
RT: 10.698 min Scan# 3334
Delta R.T. 0.003 min
Lab File: VN066954.D
Acq: 4 May 2021 23:32

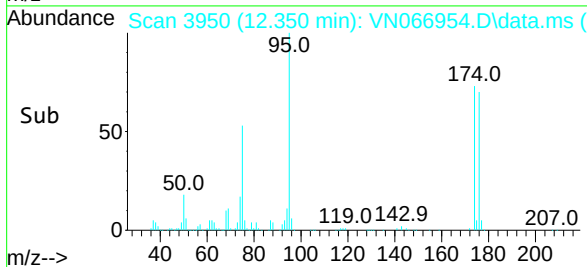
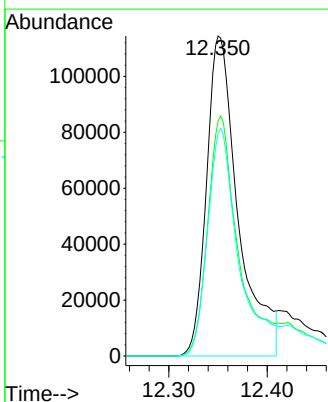
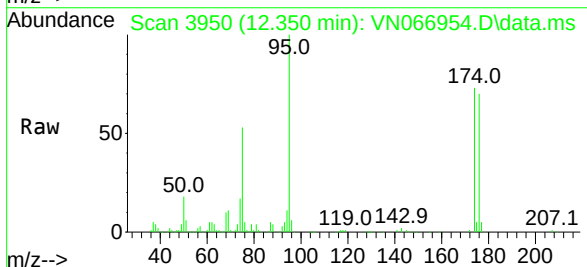
Instrument :
MSVOA_N
ClientSampled :

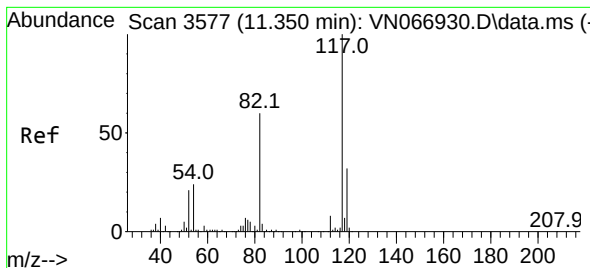
Tgt Ion: 43 Resp: 78
Ion Ratio Lower Upper
43 100
58 0.0 28.1 84.3#



#62
4-Bromofluorobenzene
Concen: 37.60 ug/l
RT: 12.350 min Scan# 3950
Delta R.T. 0.003 min
Lab File: VN066954.D
Acq: 4 May 2021 23:32

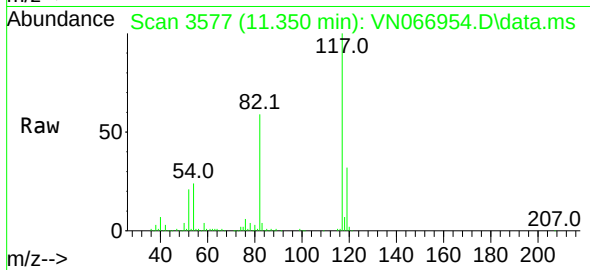
Tgt Ion: 95 Resp: 256775
Ion Ratio Lower Upper
95 100
174 72.7 0.0 169.0
176 70.7 0.0 162.4



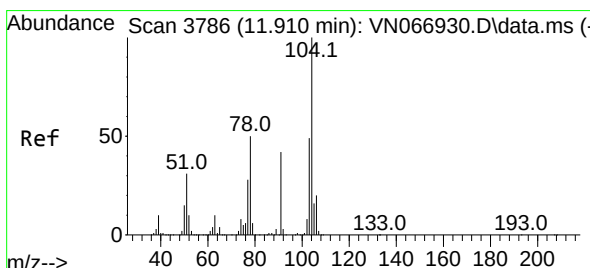
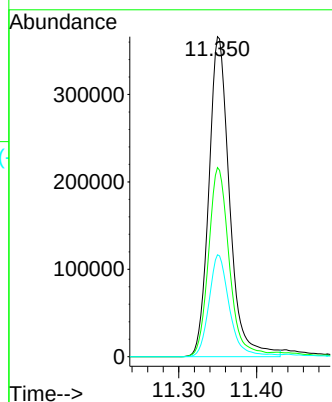
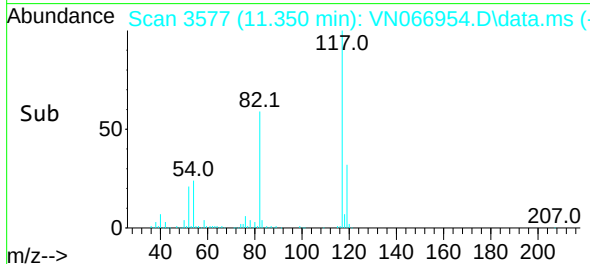


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.350 min Scan# 3577
Delta R.T. -0.000 min
Lab File: VN066954.D
Acq: 4 May 2021 23:32

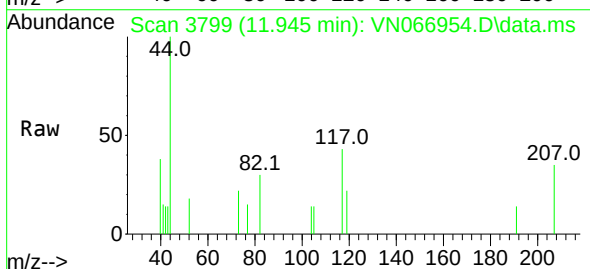
Instrument :
MSVOA_N
ClientSampleId :



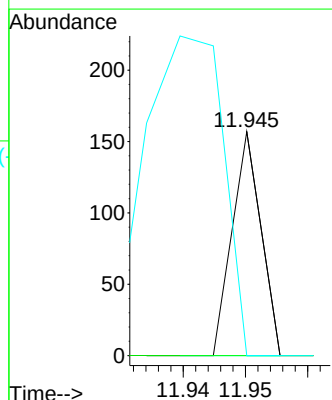
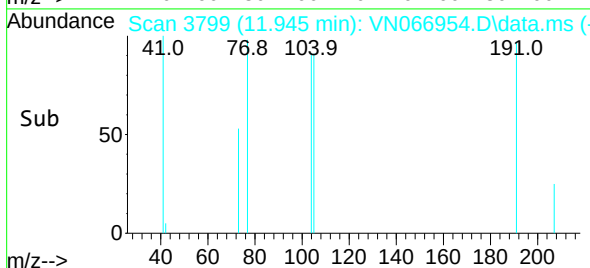
Tgt Ion:117 Resp: 677613
Ion Ratio Lower Upper
117 100
82 59.1 43.7 65.5
119 31.8 26.1 39.1

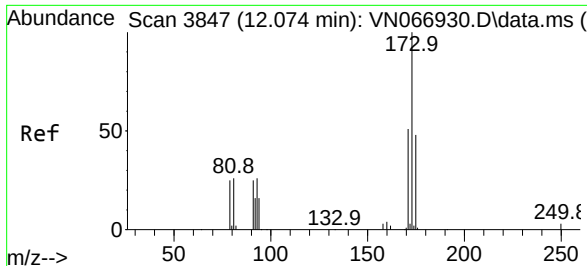


#70
Styrene
Concen: 4.71 ug/l
RT: 11.945 min Scan# 3799
Delta R.T. 0.035 min
Lab File: VN066954.D
Acq: 4 May 2021 23:32



Tgt Ion:104 Resp: 25
Ion Ratio Lower Upper
104 100
78 0.0 39.0 58.4#
103 388.0 44.5 66.7#

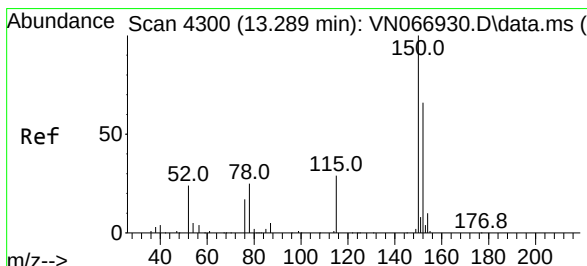
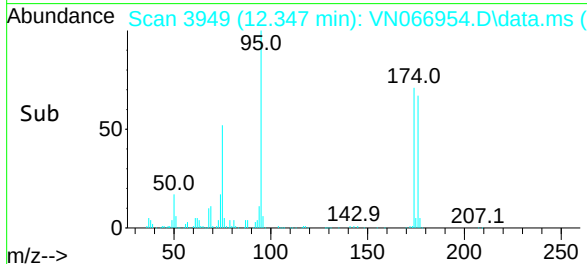
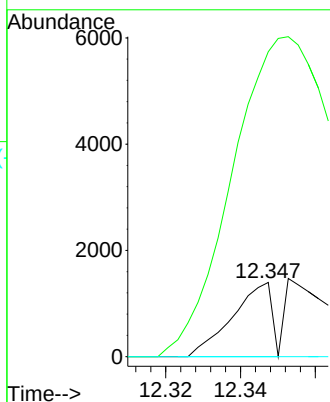
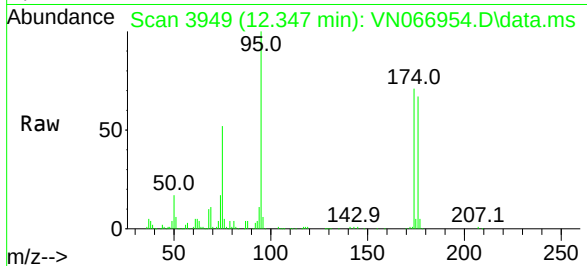




#71
Bromoform
Concen: 0.25 ug/l
RT: 12.347 min Scan# 3949
Delta R.T. 0.273 min
Lab File: VN066954.D
Acq: 4 May 2021 23:32

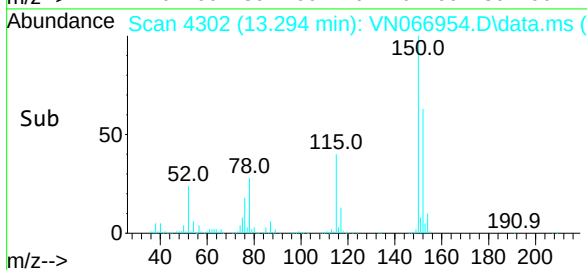
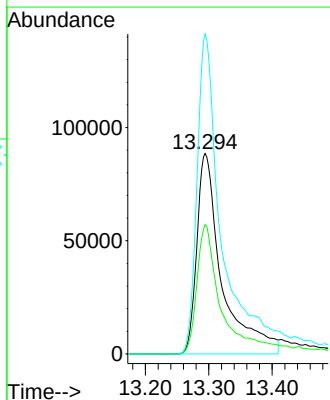
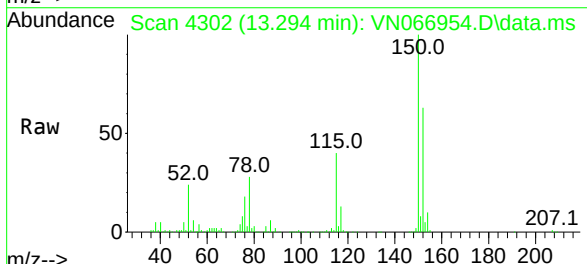
Instrument :
MSVOA_N
ClientSampleId :

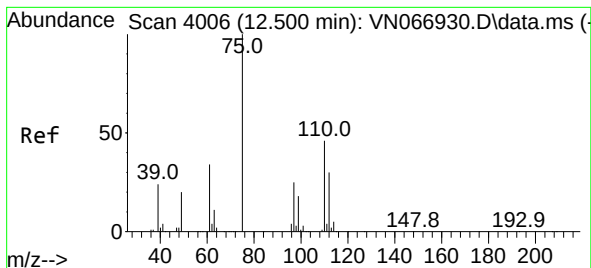
Tgt Ion:173 Resp: 1014
Ion Ratio Lower Upper
173 100
175 0.0 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.294 min Scan# 4302
Delta R.T. 0.005 min
Lab File: VN066954.D
Acq: 4 May 2021 23:32

Tgt Ion:152 Resp: 243317
Ion Ratio Lower Upper
152 100
115 64.4 28.5 85.6
150 160.4 0.0 347.6

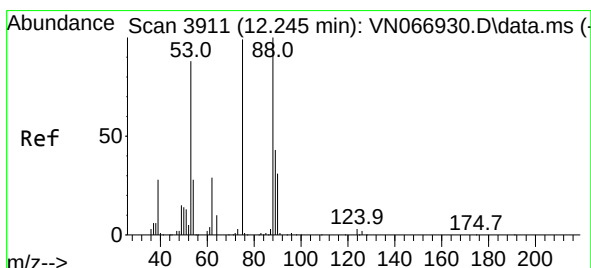
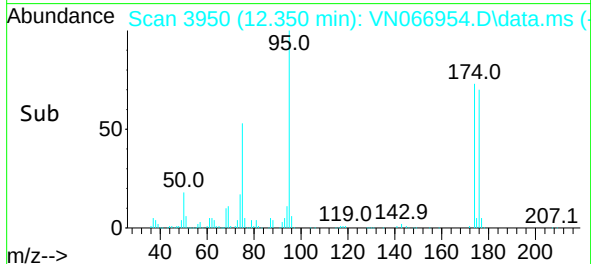
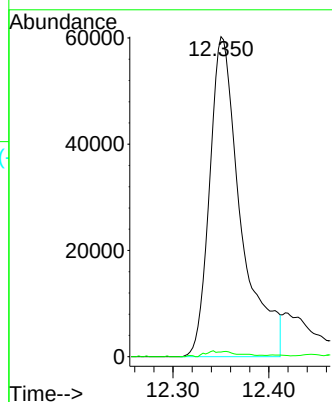
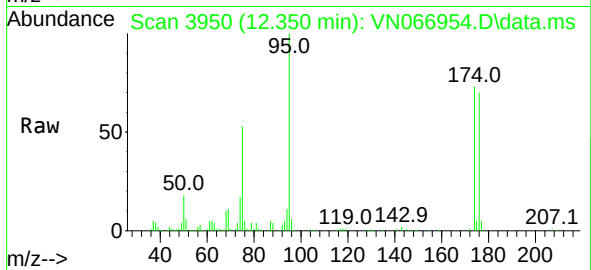




#76
1,2,3-Trichloropropane
Concen: 23.44 ug/l
RT: 12.350 min Scan# 3950
Delta R.T. -0.150 min
Lab File: VN066954.D
Acq: 4 May 2021 23:32

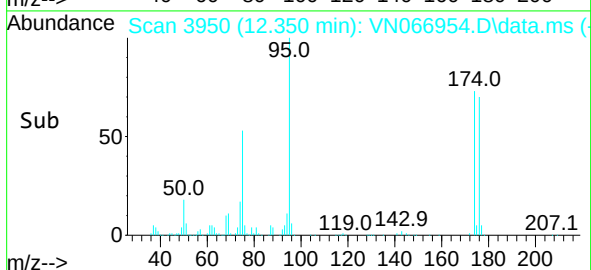
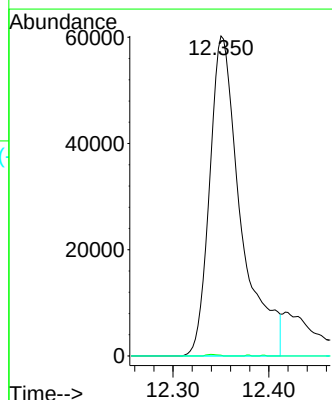
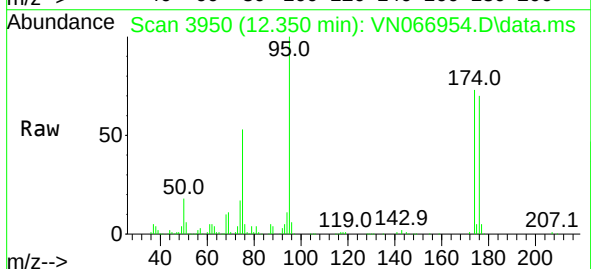
Instrument :
MSVOA_N
ClientSampled :

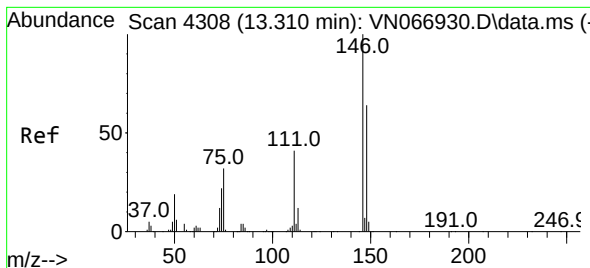
Tgt Ion: 75 Resp: 135859
Ion Ratio Lower Upper
75 100
77 0.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.88 ug/l
RT: 12.350 min Scan# 3950
Delta R.T. 0.105 min
Lab File: VN066954.D
Acq: 4 May 2021 23:32

Tgt Ion: 75 Resp: 135859
Ion Ratio Lower Upper
75 100
53 0.2 74.6 111.8#
89 0.0 35.8 53.8#

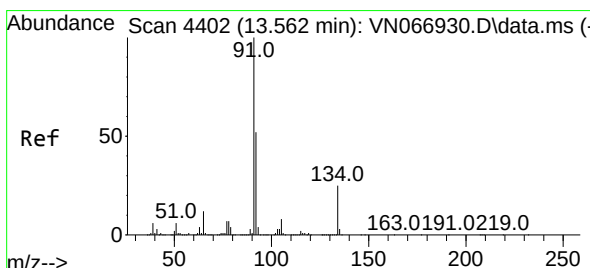
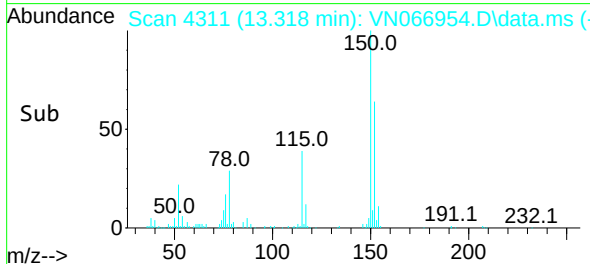
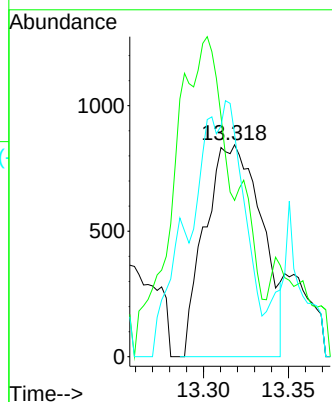
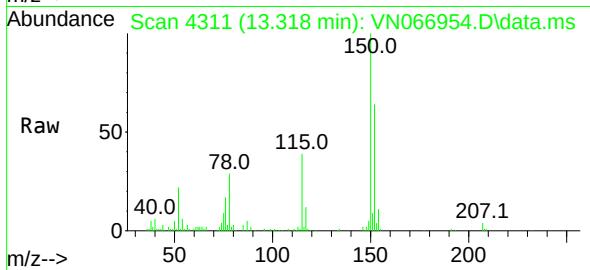




#88
1,4-Dichlorobenzene
Concen: 0.25 ug/l
RT: 13.318 min Scan# 4311
Delta R.T. 0.008 min
Lab File: VN066954.D
Acq: 4 May 2021 23:32

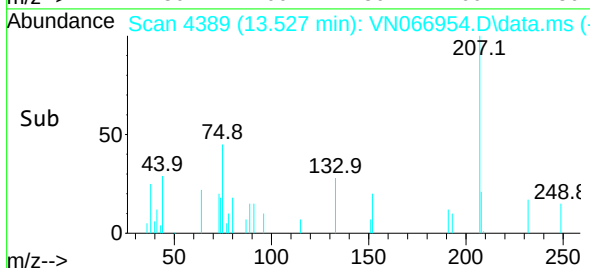
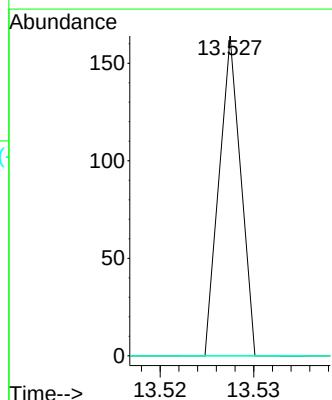
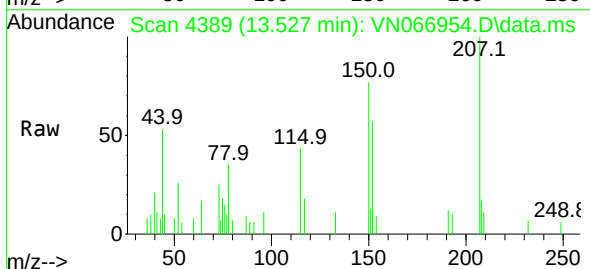
Instrument :
MSVOA_N
ClientSampled :

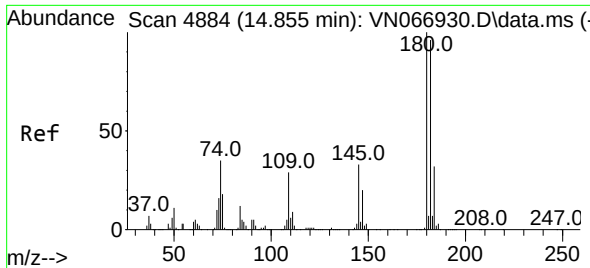
Tgt Ion:146 Resp: 1958
Ion Ratio Lower Upper
146 100
111 136.5 19.0 57.0#
148 16.7 31.8 95.3#



#89
n-Butylbenzene
Concen: 5.24 ug/l
RT: 13.527 min Scan# 4389
Delta R.T. -0.035 min
Lab File: VN066954.D
Acq: 4 May 2021 23:32

Tgt Ion: 91 Resp: 26
Ion Ratio Lower Upper
91 100
92 0.0 26.1 78.3#
134 0.0 13.0 38.9#

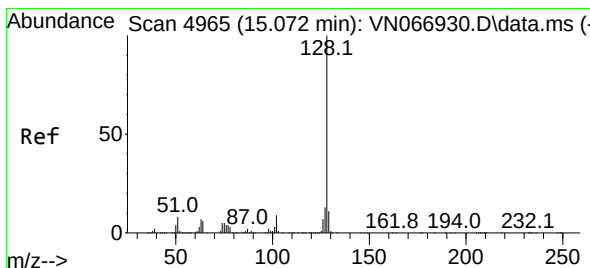
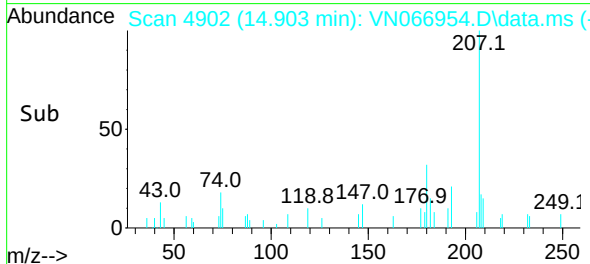
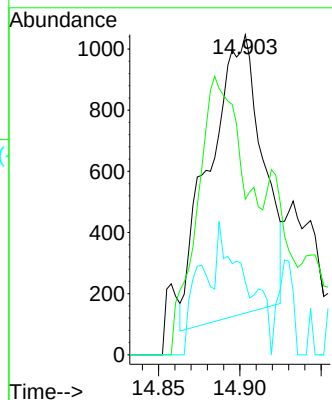
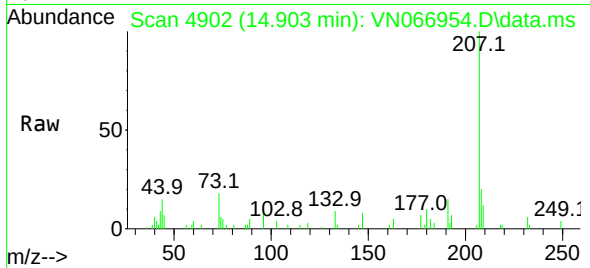




#93
1,2,4-Trichlorobenzene
Concen: 0.51 ug/l
RT: 14.903 min Scan# 4902
Delta R.T. 0.048 min
Lab File: VN066954.D
Acq: 4 May 2021 23:32

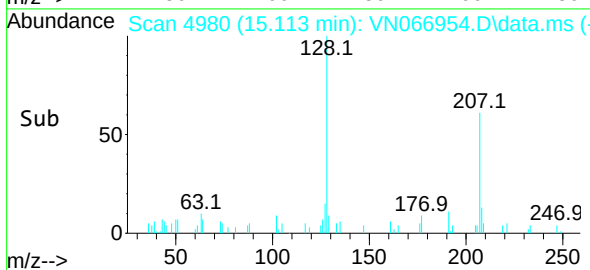
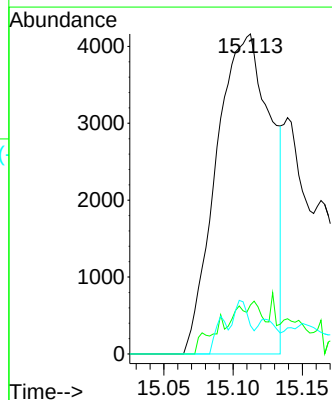
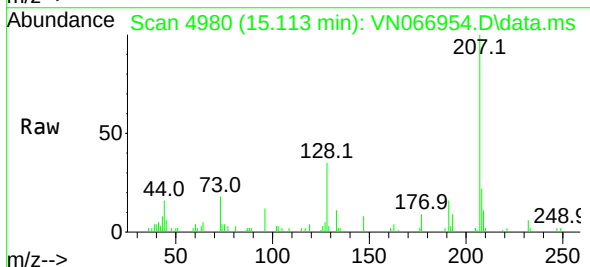
Instrument :
MSVOA_N
ClientSampled :

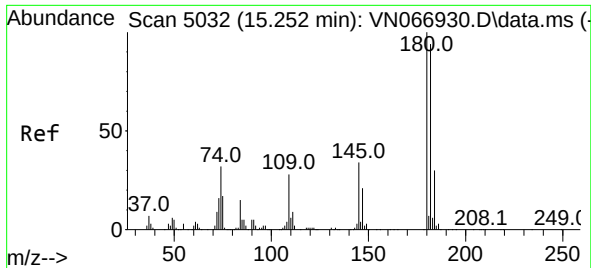
Tgt Ion:180 Resp: 2079
Ion Ratio Lower Upper
180 100
182 94.0 47.3 142.0
145 20.1 15.6 46.8



#95
Naphthalene
Concen: 1.07 ug/l
RT: 15.113 min Scan# 4980
Delta R.T. 0.041 min
Lab File: VN066954.D
Acq: 4 May 2021 23:32

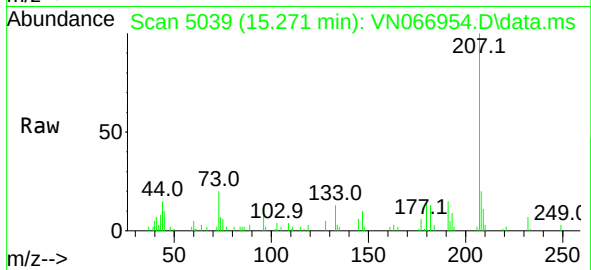
Tgt Ion:128 Resp: 11423
Ion Ratio Lower Upper
128 100
127 1.3 10.2 15.2#
129 3.7 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.90 ug/l
 RT: 15.271 min Scan# 5039
 Delta R.T. 0.019 min
 Lab File: VN066954.D
 Acq: 4 May 2021 23:32

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	3563
Ion	Ratio	Lower	Upper
180	100		
182	104.6	47.4	142.3
145	31.9	16.5	49.5

