

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121821\
 Data File : VN070221.D
 Acq On : 18 Dec 2021 18:34
 Operator : JC/MD
 Sample : M5044-12 10X
 Misc : 6.09g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 19 08:49:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

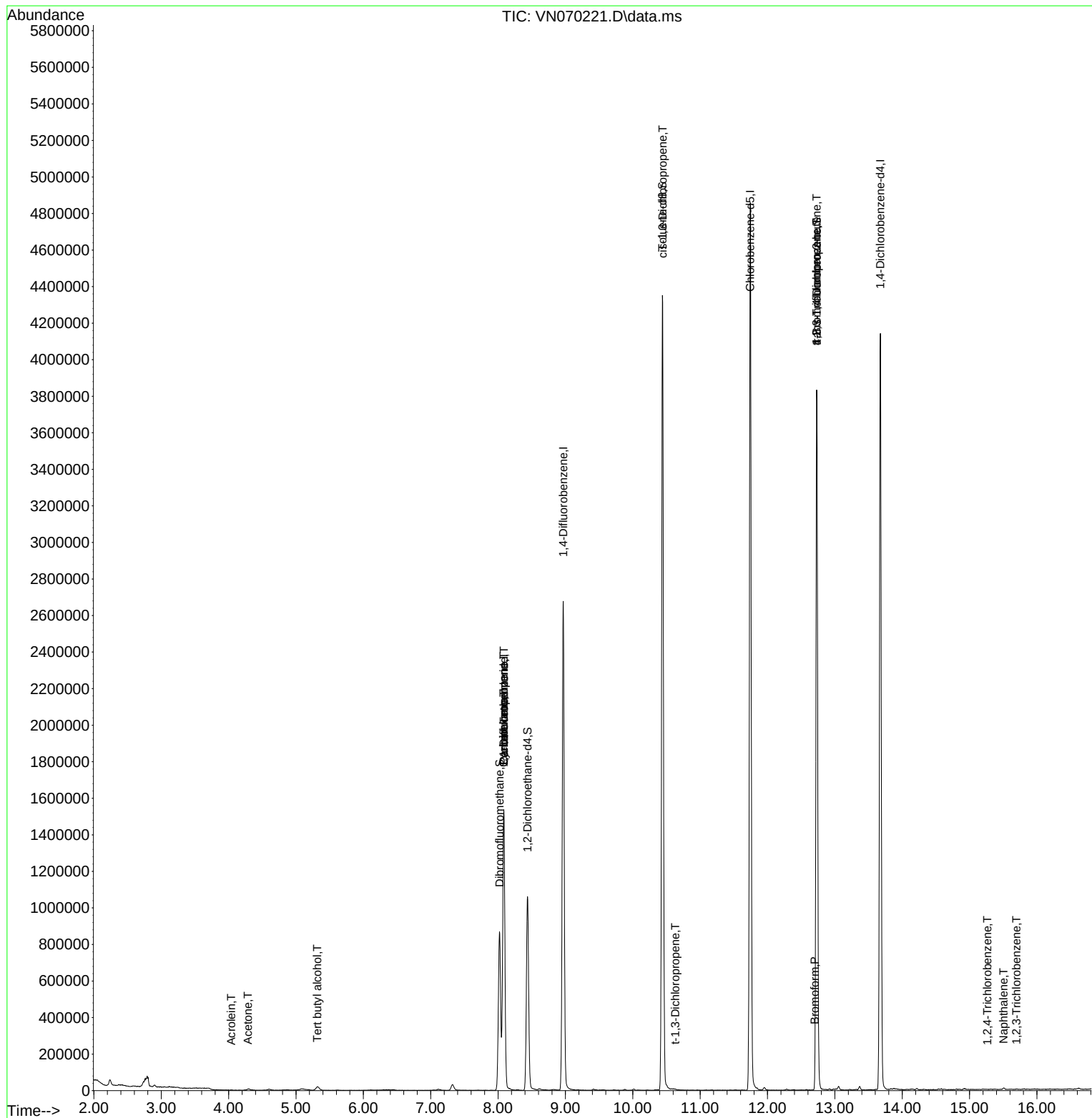
Internal Standards						
1) Pentafluorobenzene	8.085	168	1147048	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2218471	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2691793	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1102763	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	923111	52.122	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.240%			
35) Dibromofluoromethane	8.021	113	632840	45.541	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 91.080%			
50) Toluene-d8	10.440	98	2953070	52.925	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 105.860%			
62) 4-Bromofluorobenzene	12.731	95	1369325	67.741	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 135.480%#			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.315	59	8981	2.683	ug/l #	71
13) Acrolein	4.038	56	672	0.236	ug/l #	47
16) Acetone	4.285	43	3977	0.373	ug/l	92
31) Cyclohexane	8.083	56	29033	1.178	ug/l #	31
36) 1,1-Dichloropropene	8.083	75	97211	4.603	ug/l #	48
38) Carbon Tetrachloride	8.085	117	117193	5.659	ug/l #	16
53) t-1,3-Dichloropropene	10.631	75	25	2.795	ug/l #	1
54) cis-1,3-Dichloropropene	10.443	75	824	2.028	ug/l #	1
71) Bromoform	12.701	173	78	2.735	ug/l #	29
76) 1,2,3-Trichloropropane	12.731	75	743260	23.503	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	743260	74.734	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.265	180	392	2.898	ug/l #	11
95) Naphthalene	15.504	128	4857	4.068	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.697	180	542	2.465	ug/l #	84

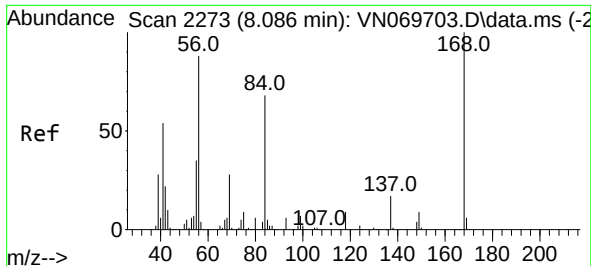
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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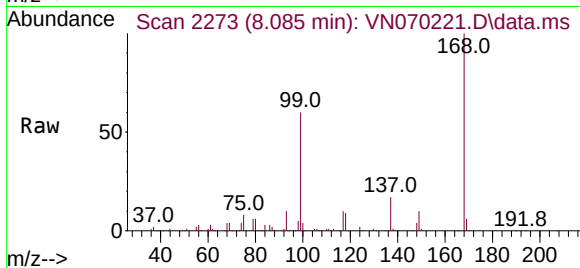
Quant Time: Dec 19 08:49:28 2021
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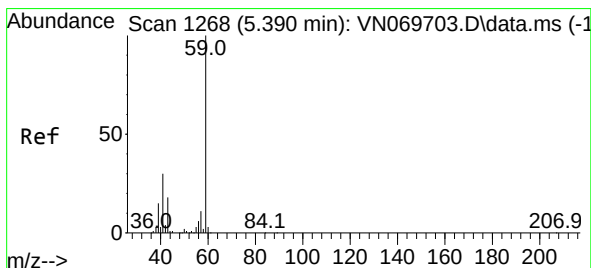
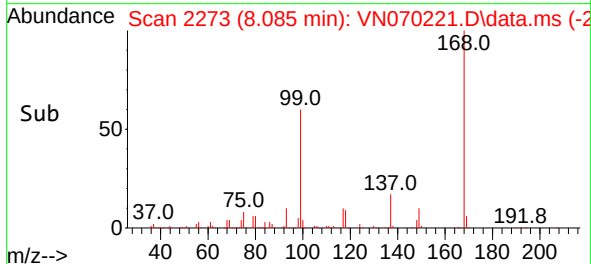
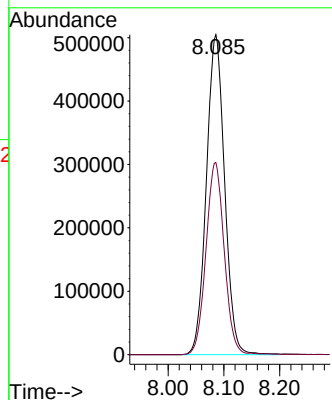


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.085 min Scan# 21
Delta R.T. -0.001 min
Lab File: VN070221.D
Acq: 18 Dec 2021 18:34

Instrument :
MSVOA_N
ClientSampleId :

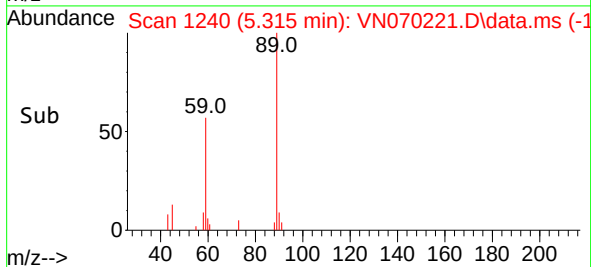
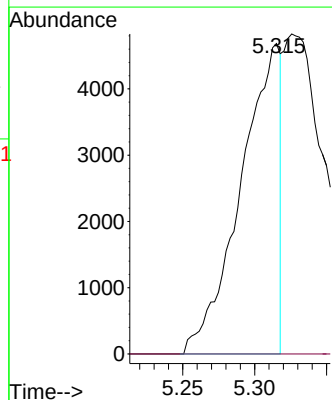
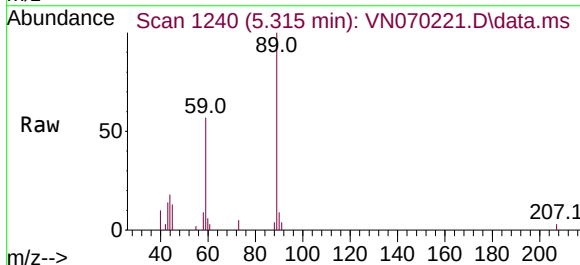


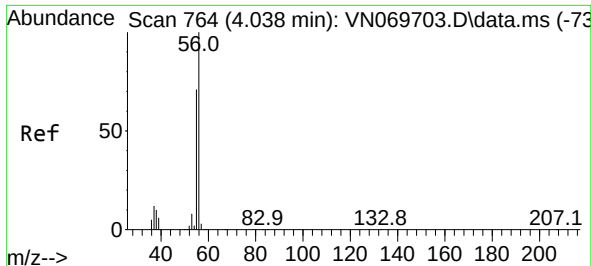
Tgt Ion:168 Resp: 1147048
Ion Ratio Lower Upper
168 100
99 60.1 41.3 61.9



#11
Tert butyl alcohol
Concen: 2.683 ug/l
RT: 5.315 min Scan# 1240
Delta R.T. -0.075 min
Lab File: VN070221.D
Acq: 18 Dec 2021 18:34

Tgt Ion: 59 Resp: 8981
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

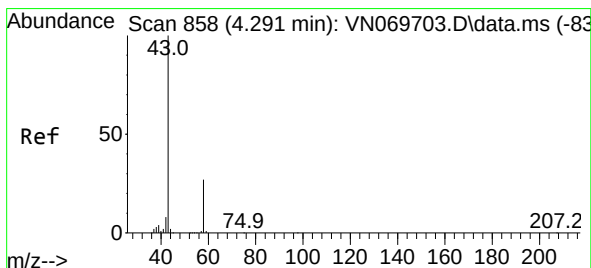
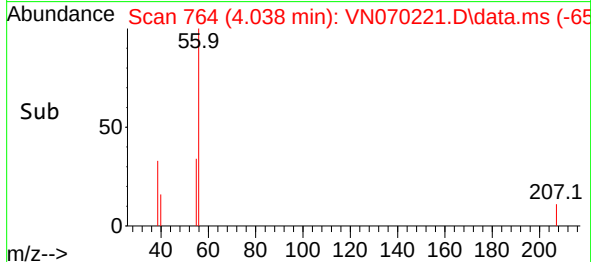
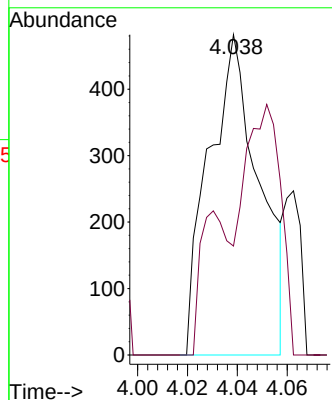
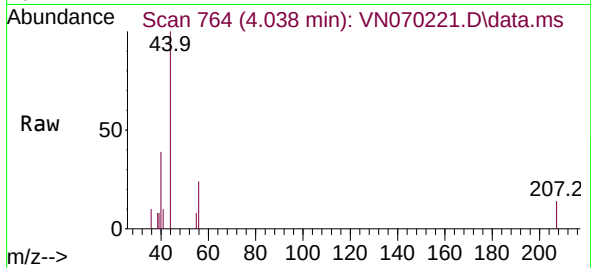




#13
Acrolein
Concen: 0.236 ug/l
RT: 4.038 min Scan# 764
Delta R.T. 0.000 min
Lab File: VN070221.D
Acq: 18 Dec 2021 18:34

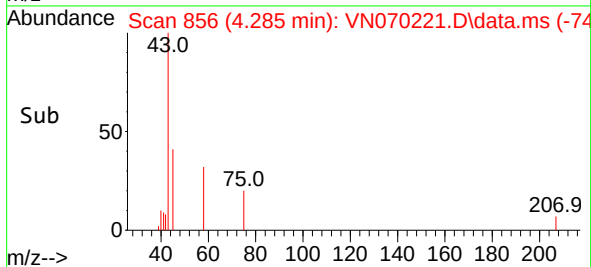
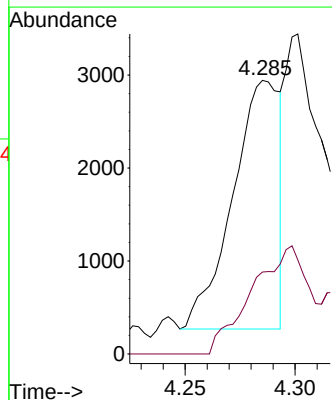
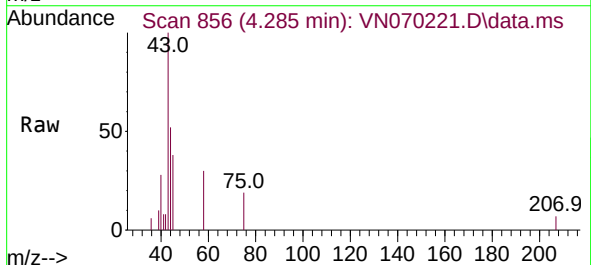
Instrument :
MSVOA_N
ClientSampleId :

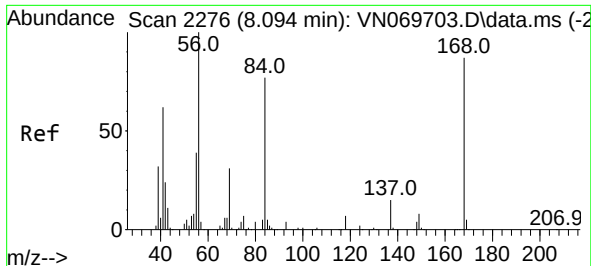
Tgt Ion: 56 Resp: 672
Ion Ratio Lower Upper
56 100
55 27.1 56.6 85.0#



#16
Acetone
Concen: 0.373 ug/l
RT: 4.285 min Scan# 856
Delta R.T. -0.005 min
Lab File: VN070221.D
Acq: 18 Dec 2021 18:34

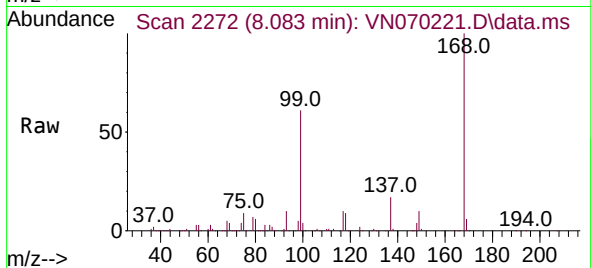
Tgt Ion: 43 Resp: 3977
Ion Ratio Lower Upper
43 100
58 32.9 23.1 34.7



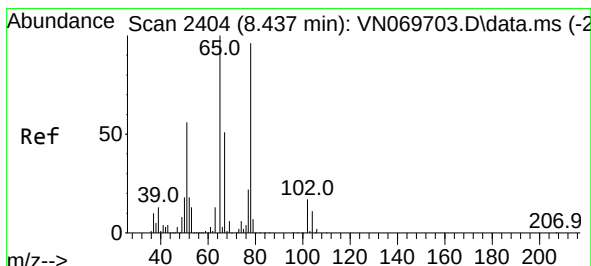
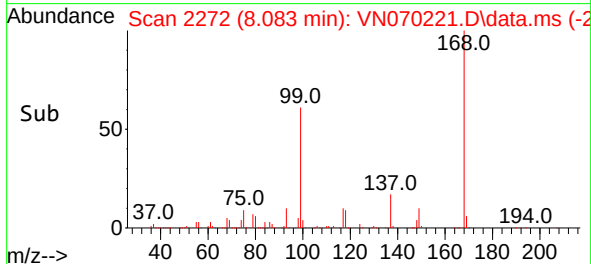
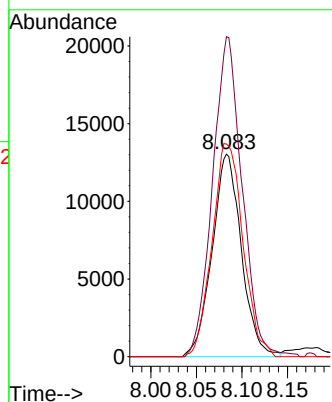


#31
Cyclohexane
Concen: 1.178 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.011 min
Lab File: VN070221.D
Acq: 18 Dec 2021 18:34

Instrument :
MSVOA_N
ClientSampleId :

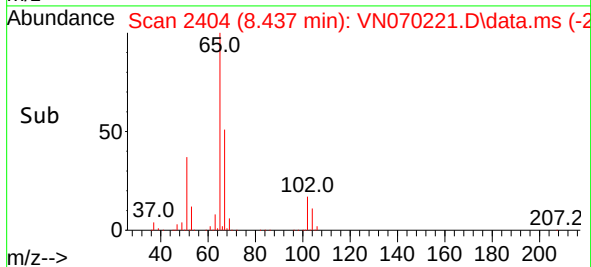
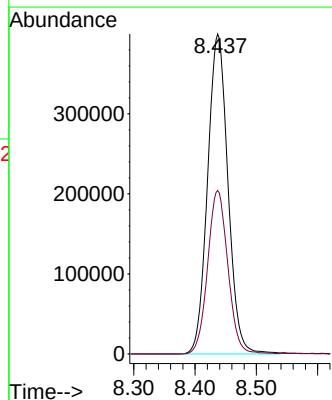
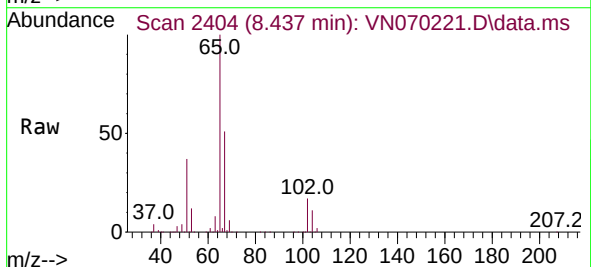


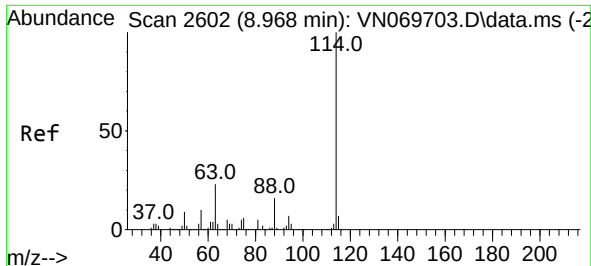
Tgt Ion: 56 Resp: 29033
Ion Ratio Lower Upper
56 100
69 157.9 27.1 40.7#
84 105.0 73.4 110.0



#33
1,2-Dichloroethane-d4
Concen: 52.122 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN070221.D
Acq: 18 Dec 2021 18:34

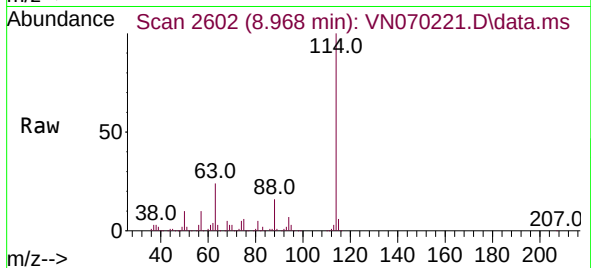
Tgt Ion: 65 Resp: 923111
Ion Ratio Lower Upper
65 100
67 50.8 0.0 103.0



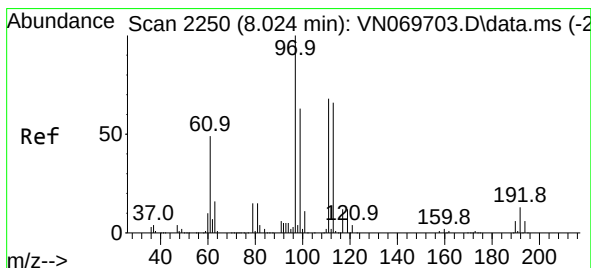
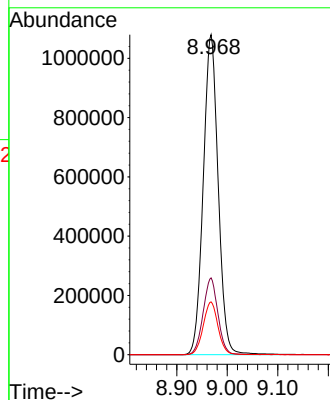
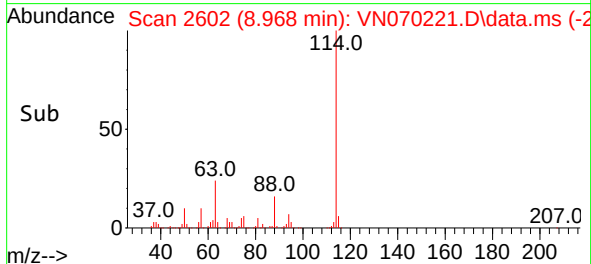


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2249
Delta R.T. -0.000 min
Lab File: VN070221.D
Acq: 18 Dec 2021 18:34

Instrument :
MSVOA_N
ClientSampleId :

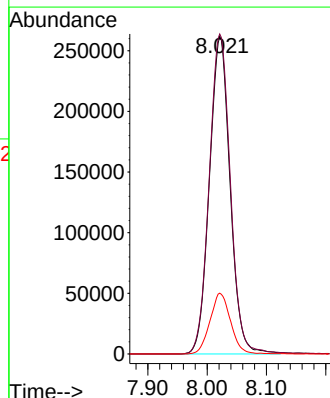
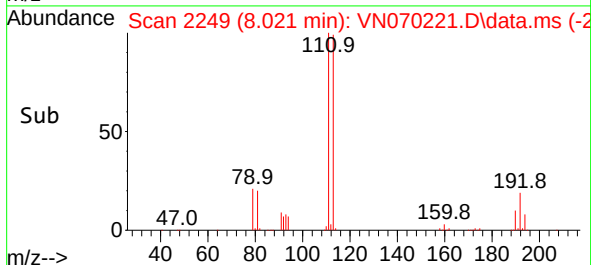
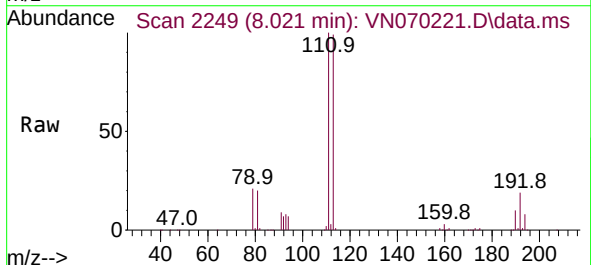


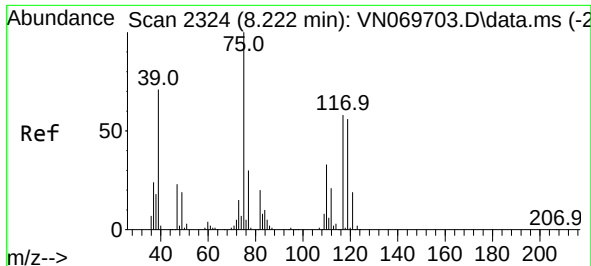
Tgt Ion:114 Resp: 2218471
Ion Ratio Lower Upper
114 100
63 24.0 0.0 37.8
88 16.5 0.0 27.4



#35
Dibromofluoromethane
Concen: 45.541 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. -0.003 min
Lab File: VN070221.D
Acq: 18 Dec 2021 18:34

Tgt Ion:113 Resp: 632840
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 19.0 16.9 25.3

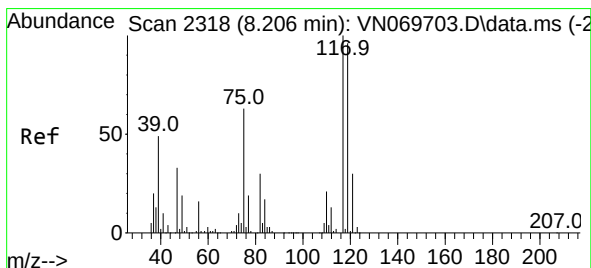
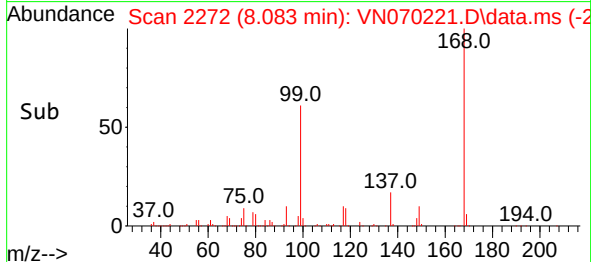
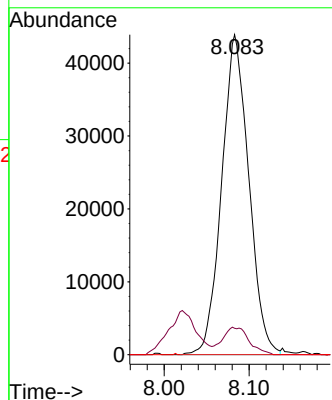
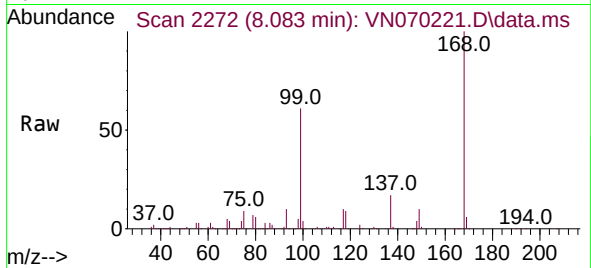




#36
 1,1-Dichloropropene
 Concen: 4.603 ug/l
 RT: 8.083 min Scan# 211
 Delta R.T. -0.139 min
 Lab File: VN070221.D
 Acq: 18 Dec 2021 18:34

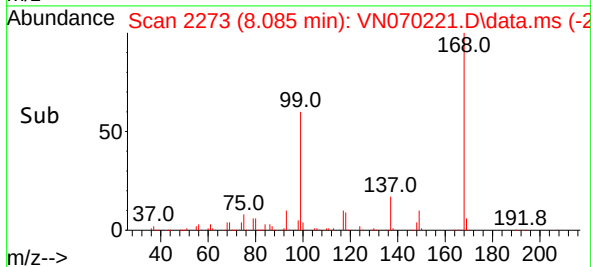
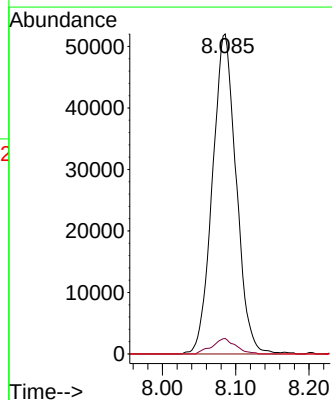
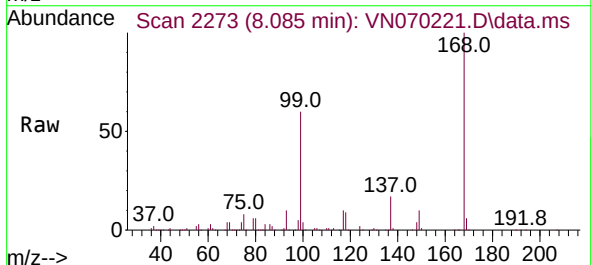
Instrument :
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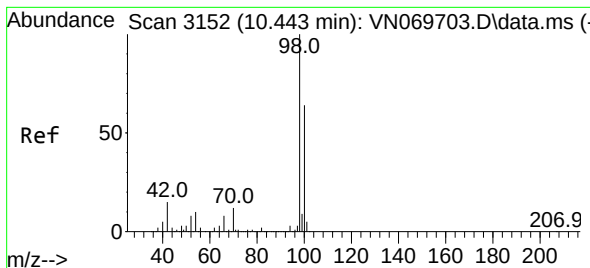
Tgt Ion: 75 Resp: 97211
 Ion Ratio Lower Upper
 75 100
 110 8.3 18.4 55.2#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 5.659 ug/l
 RT: 8.085 min Scan# 2273
 Delta R.T. -0.121 min
 Lab File: VN070221.D
 Acq: 18 Dec 2021 18:34

Tgt Ion: 117 Resp: 117193
 Ion Ratio Lower Upper
 117 100
 119 4.8 76.1 114.1#
 121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 52.925 ug/l

RT: 10.440 min Scan# 3152

Delta R.T. -0.003 min

Lab File: VN070221.D

Acq: 18 Dec 2021 18:34

Instrument :

MSVOA_N

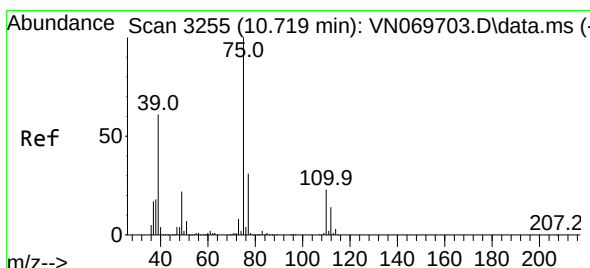
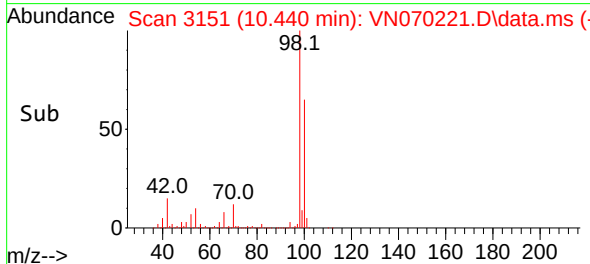
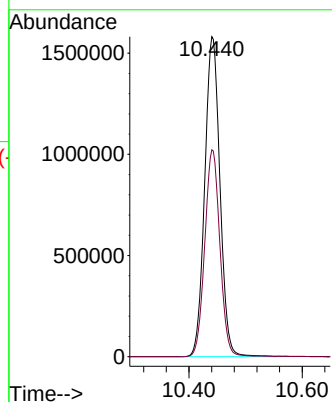
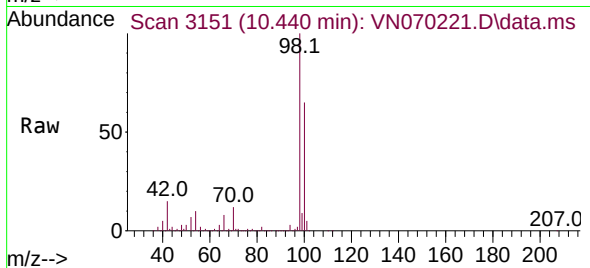
ClientSampleId :

Tgt Ion: 98 Resp: 2953070

Ion Ratio Lower Upper

98 100

100 64.3 50.4 75.6



#53

t-1,3-Dichloropropene

Concen: 2.795 ug/l

RT: 10.631 min Scan# 3222

Delta R.T. -0.088 min

Lab File: VN070221.D

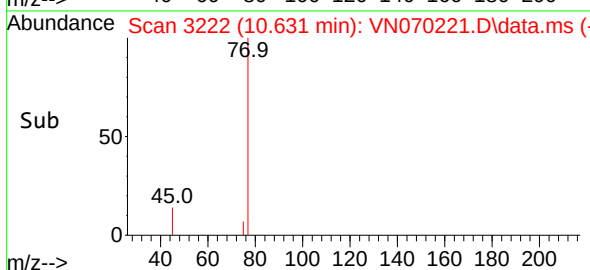
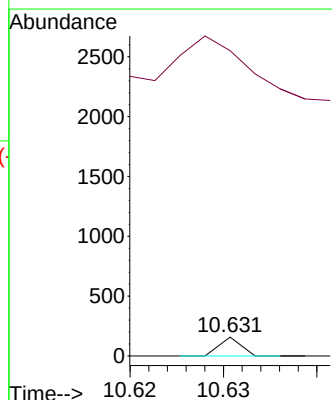
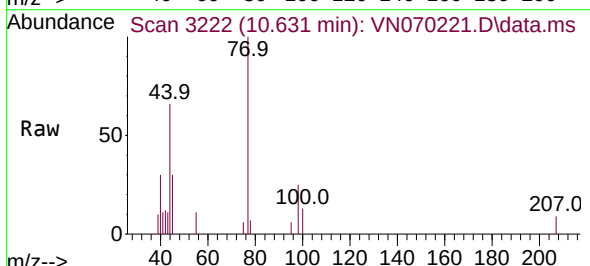
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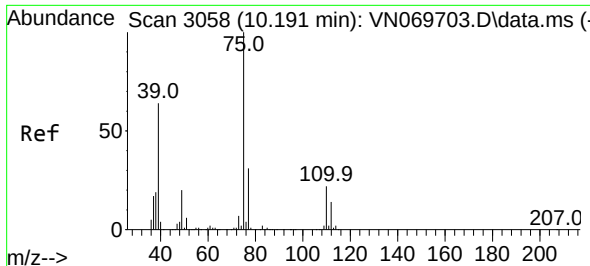
Tgt Ion: 75 Resp: 25

Ion Ratio Lower Upper

75 100

77 202.5 25.6 38.4#

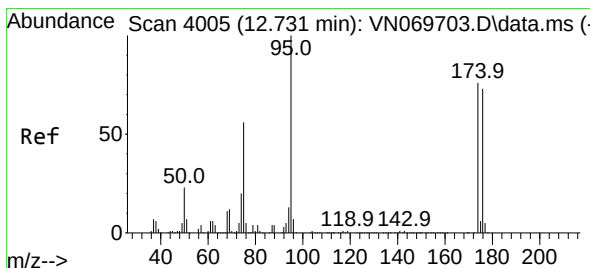
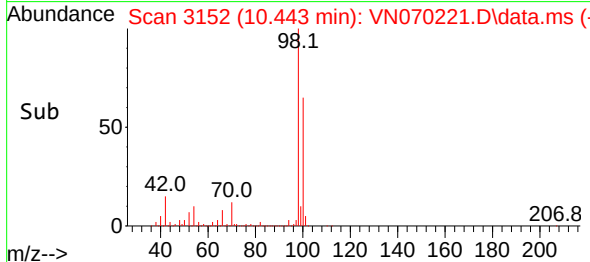
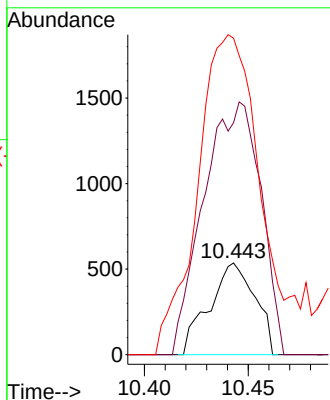
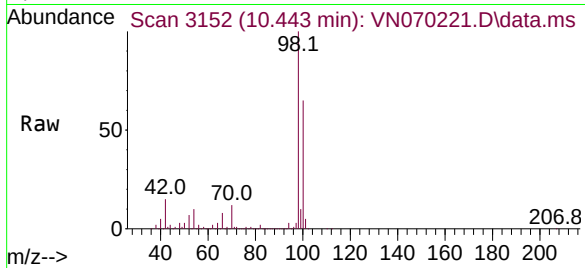




#54
 cis-1,3-Dichloropropene
 Concen: 2.028 ug/l
 RT: 10.443 min Scan# 3152
 Delta R.T. 0.252 min
 Lab File: VN070221.D
 Acq: 18 Dec 2021 18:34

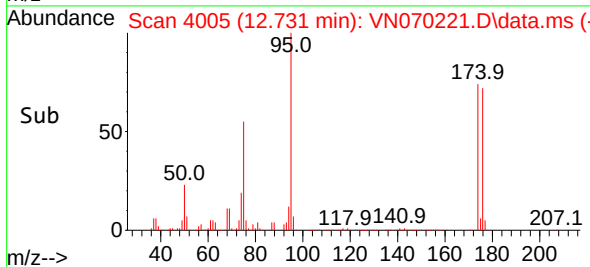
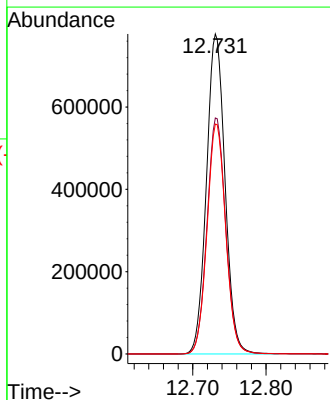
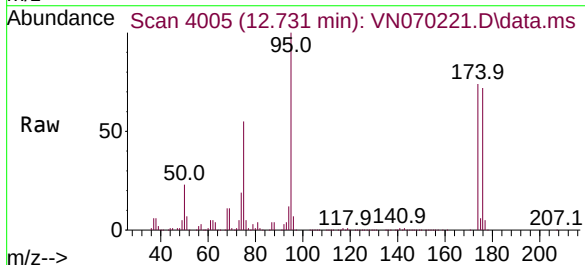
Instrument :
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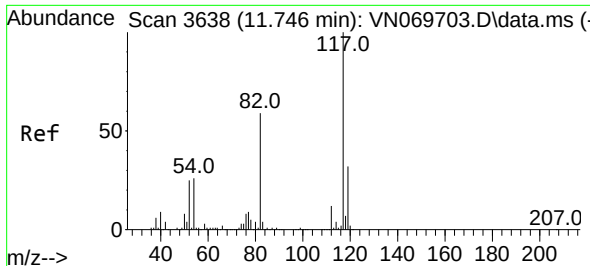
Tgt Ion: 75 Resp: 824
 Ion Ratio Lower Upper
 75 100
 77 217.9 26.4 39.6#
 39 271.5 42.5 63.7#



#62
 4-Bromofluorobenzene
 Concen: 67.741 ug/l
 RT: 12.731 min Scan# 4005
 Delta R.T. -0.000 min
 Lab File: VN070221.D
 Acq: 18 Dec 2021 18:34

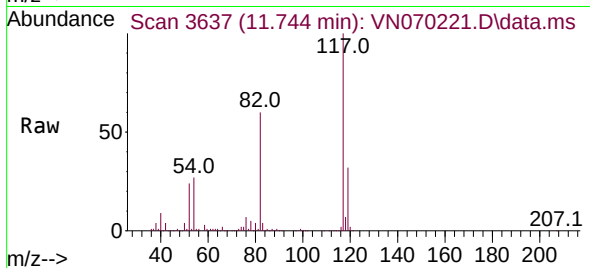
Tgt Ion: 95 Resp: 1369325
 Ion Ratio Lower Upper
 95 100
 174 74.3 0.0 187.2
 176 72.2 0.0 181.4



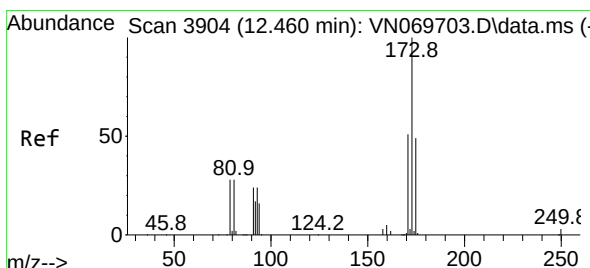
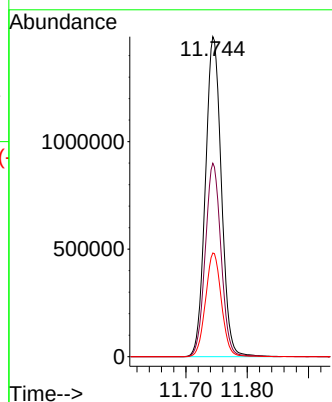
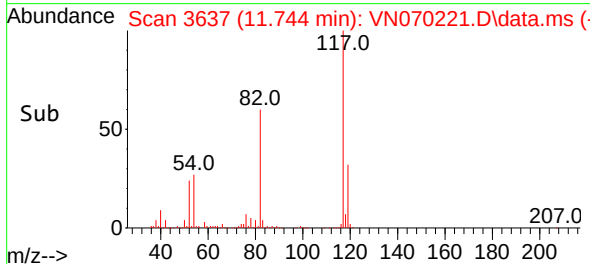


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN070221.D
Acq: 18 Dec 2021 18:34

Instrument :
MSVOA_N
ClientSampleId :

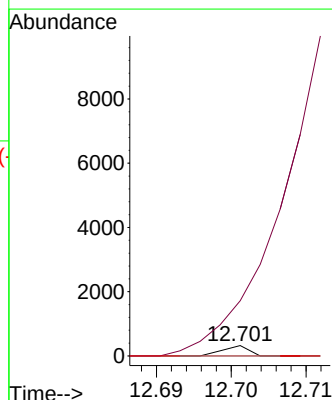
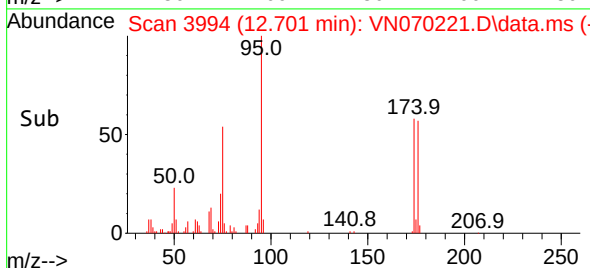
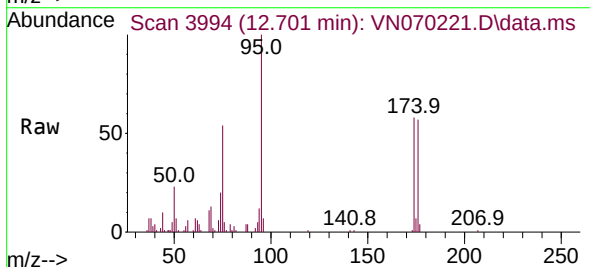


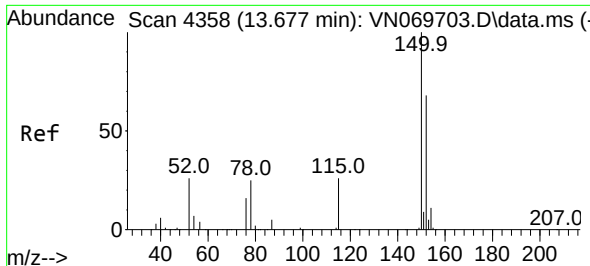
Tgt Ion:117 Resp: 2691793
Ion Ratio Lower Upper
117 100
82 60.5 42.4 63.6
119 32.4 25.4 38.2



#71
Bromoform
Concen: 2.735 ug/l
RT: 12.701 min Scan# 3994
Delta R.T. 0.241 min
Lab File: VN070221.D
Acq: 18 Dec 2021 18:34

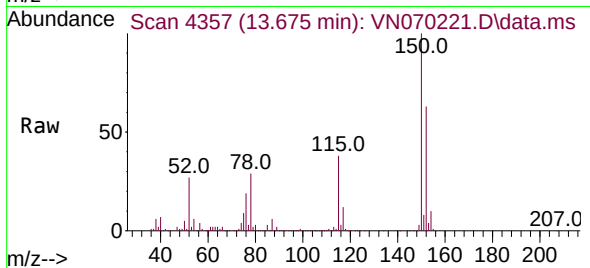
Tgt Ion:173 Resp: 78
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.0 0.0



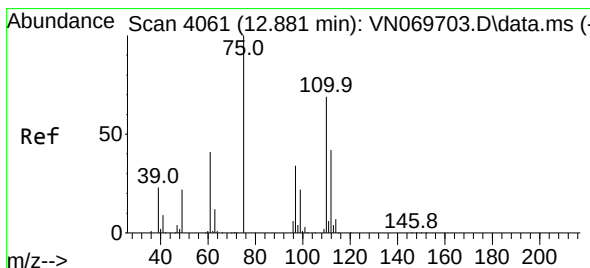
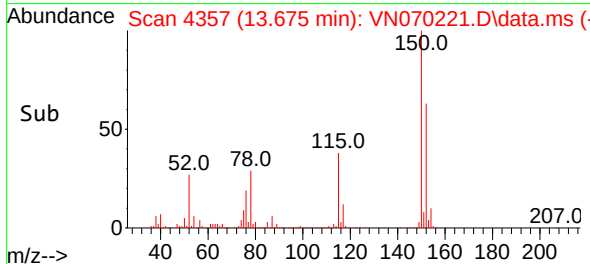
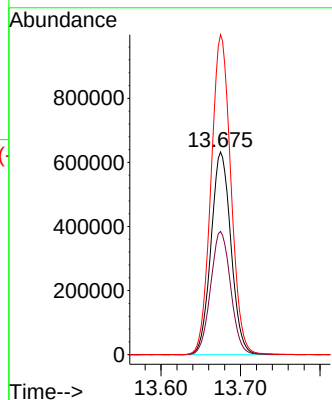


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.675 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VN070221.D
 Acq: 18 Dec 2021 18:34

Instrument :
 MSVOA_N
 ClientSampleId :

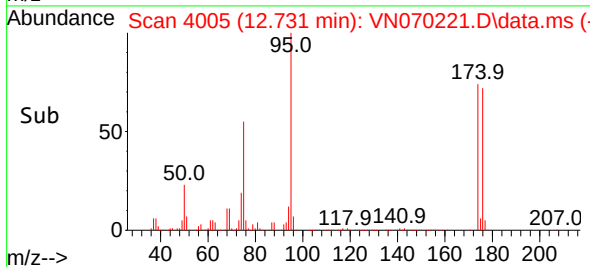
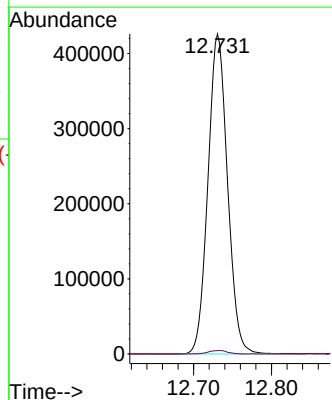
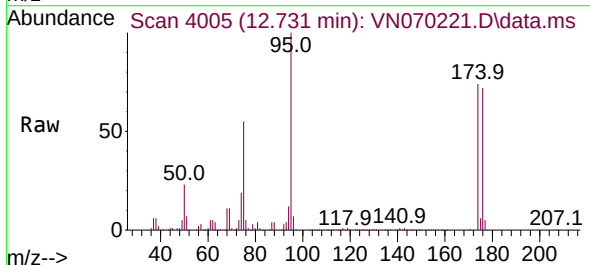


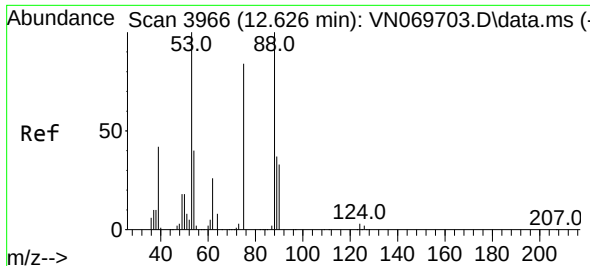
Tgt Ion:152 Resp: 1102763
 Ion Ratio Lower Upper
 152 100
 115 61.3 27.5 82.5
 150 157.0 0.0 344.4



#76
 1,2,3-Trichloropropane
 Concen: 23.503 ug/l
 RT: 12.731 min Scan# 4005
 Delta R.T. -0.150 min
 Lab File: VN070221.D
 Acq: 18 Dec 2021 18:34

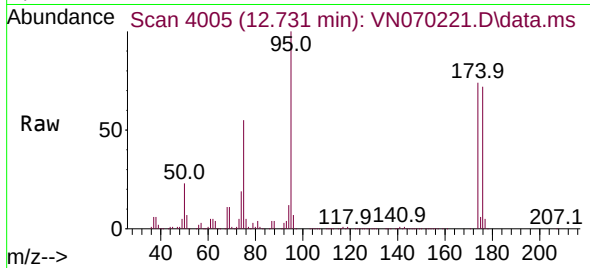
Tgt Ion: 75 Resp: 743260
 Ion Ratio Lower Upper
 75 100
 77 1.1 82.6 247.8#



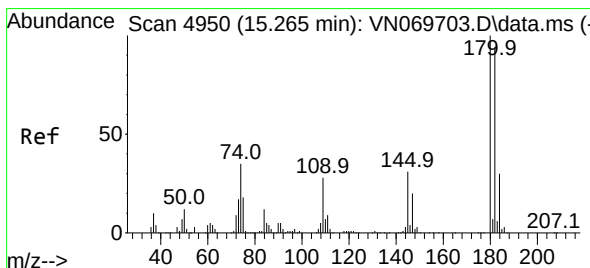
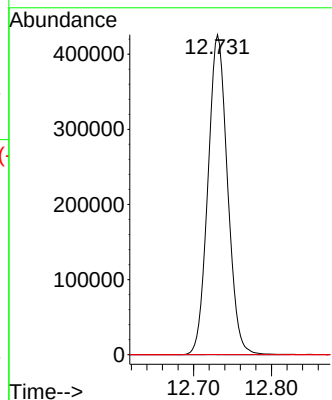
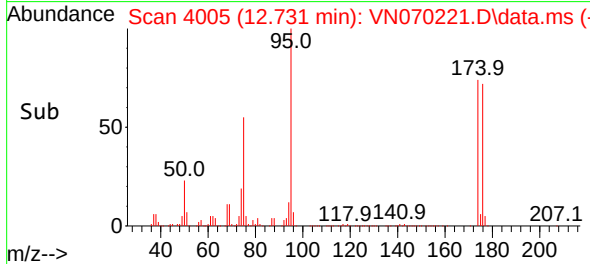


#81
trans-1,4-Dichloro-2-butene
Concen: 74.734 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.105 min
Lab File: VN070221.D
Acq: 18 Dec 2021 18:34

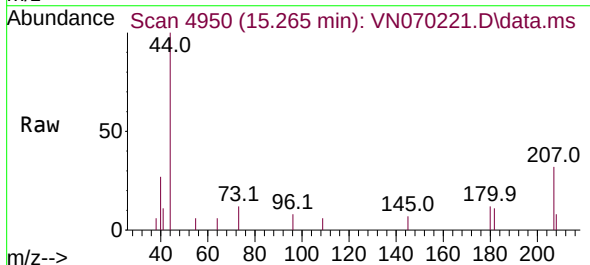
Instrument :
MSVOA_N
ClientSampleId :



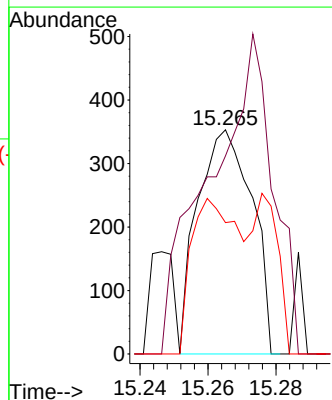
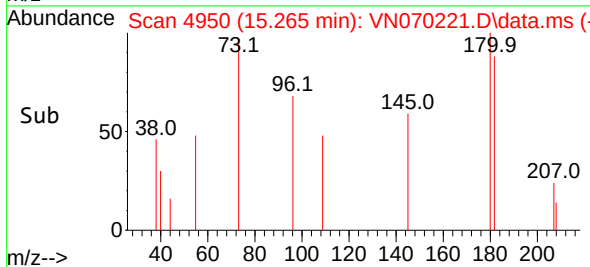
Tgt Ion: 75 Resp: 743260
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#

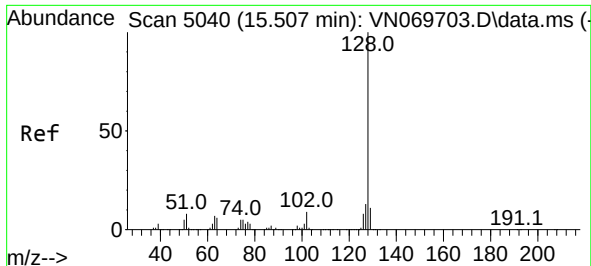


#93
1,2,4-Trichlorobenzene
Concen: 2.898 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN070221.D
Acq: 18 Dec 2021 18:34



Tgt Ion: 180 Resp: 392
Ion Ratio Lower Upper
180 100
182 0.0 48.3 144.9#
145 59.4 14.5 43.5#

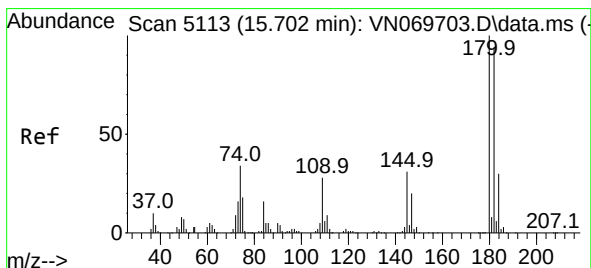
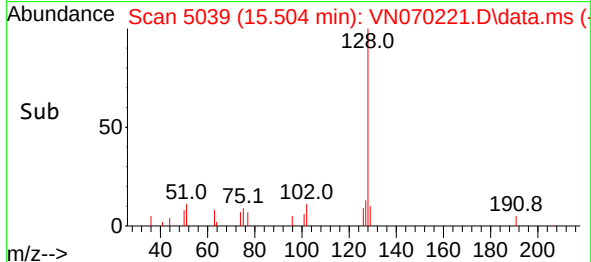
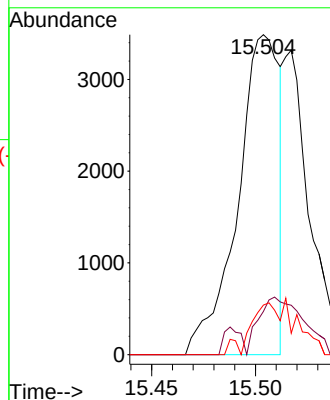
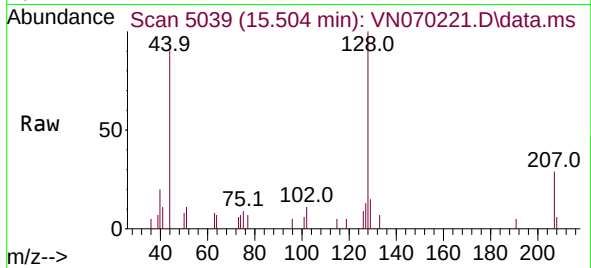




#95
Naphthalene
Concen: 4.068 ug/l
RT: 15.504 min Scan# 5040
Delta R.T. -0.003 min
Lab File: VN070221.D
Acq: 18 Dec 2021 18:34

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 4857
Ion Ratio Lower Upper
128 100
127 19.4 10.5 15.7#
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 2.465 ug/l
RT: 15.697 min Scan# 5111
Delta R.T. -0.005 min
Lab File: VN070221.D
Acq: 18 Dec 2021 18:34

Tgt Ion:180 Resp: 542
Ion Ratio Lower Upper
180 100
182 102.4 47.4 142.2
145 52.4 15.0 45.1#

