

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012022\
 Data File : VN070712.D
 Acq On : 20 Jan 2022 11:02
 Operator : JC/MD
 Sample : VN0120WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0120WBL01

Quant Time: Jan 21 02:10:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

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

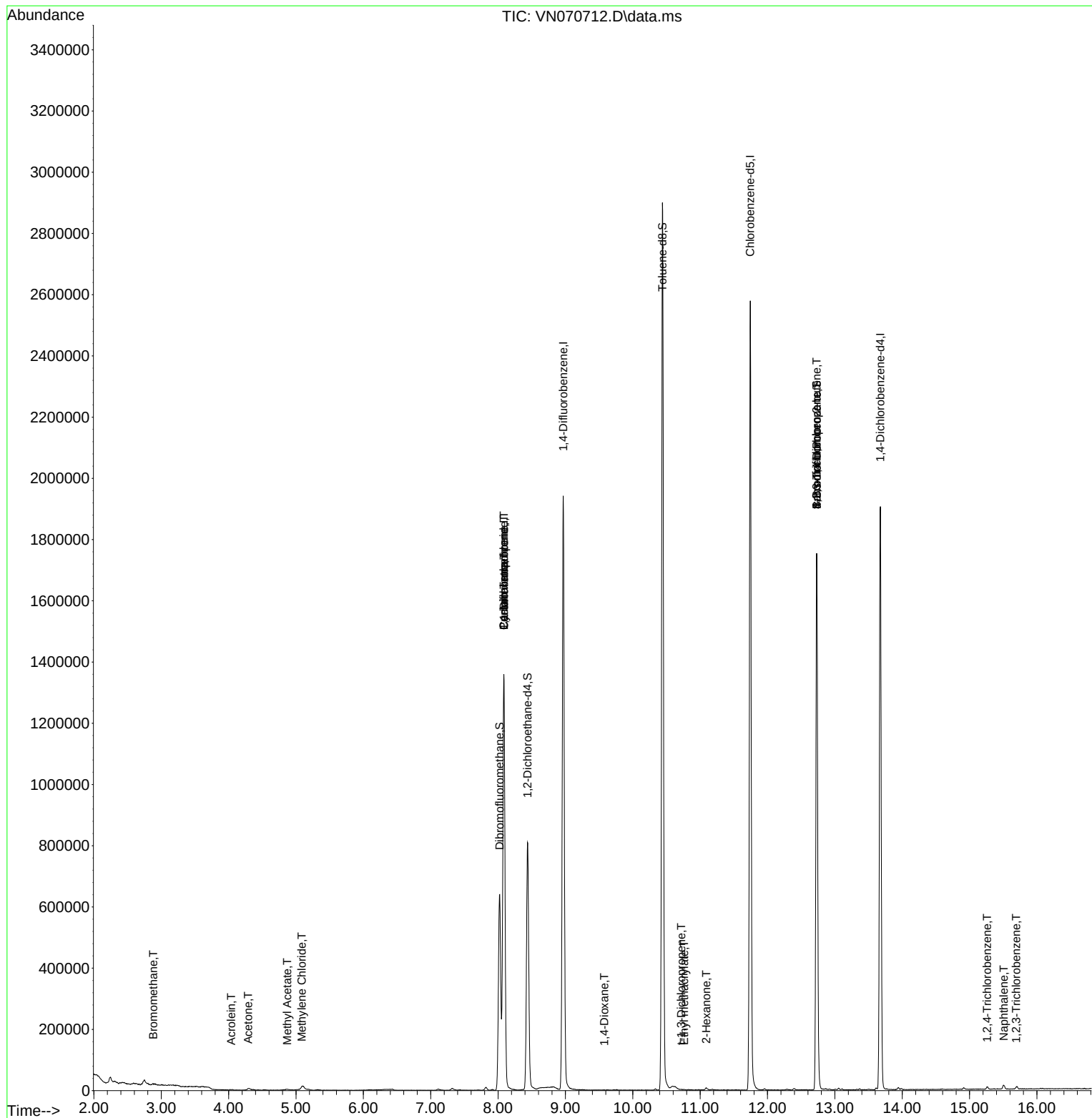
Internal Standards						
1) Pentafluorobenzene	8.086	168	1030174	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1659281	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1466638	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	526978	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	683737	46.311	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.620%
35) Dibromofluoromethane	8.024	113	478959	46.535	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.060%
50) Toluene-d8	10.441	98	2045298	47.170	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.340%
62) 4-Bromofluorobenzene	12.731	95	661481	42.811	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	85.620%
Target Compounds						
					Qvalue	
5) Bromomethane	2.880	94	2524	0.293	ug/l	82
13) Acrolein	4.039	56	975	0.255	ug/l #	54
16) Acetone	4.288	43	3225	0.315	ug/l	91
18) Methyl Acetate	4.870	43	4198	0.208	ug/l #	84
20) Methylene Chloride	5.087	84	3646	0.270	ug/l	95
30) Chloroform	7.820	83	9365	Below Cal		84
31) Cyclohexane	8.086	56	23481	0.903	ug/l #	3
36) 1,1-Dichloropropene	8.086	75	84338	4.867	ug/l #	49
38) Carbon Tetrachloride	8.086	117	101337	6.574	ug/l #	17
49) 1,4-Dioxane	9.577	88	84	0.334	ug/l #	1
53) t-1,3-Dichloropropene	10.719	75	112	2.409	ug/l #	43
56) Ethyl methacrylate	10.762	69	556	2.324	ug/l #	49
59) 2-Hexanone	11.092	43	6640	0.408	ug/l	88
71) Bromoform	12.731	173	5425	0.656	ug/l #	1
76) 1,2,3-Trichloropropane	12.731	75	345700	24.734	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	345700	73.686	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.260	180	3294	3.740	ug/l #	91
95) Naphthalene	15.507	128	12808	5.371	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.692	180	1213	3.338	ug/l #	12

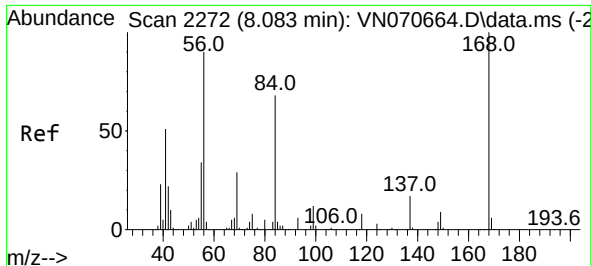
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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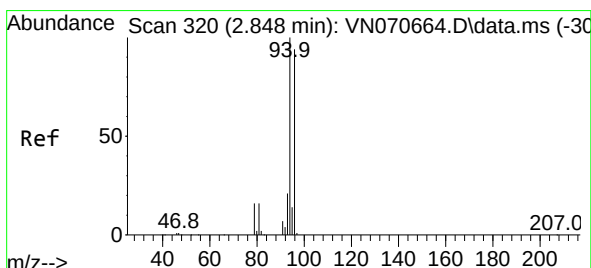
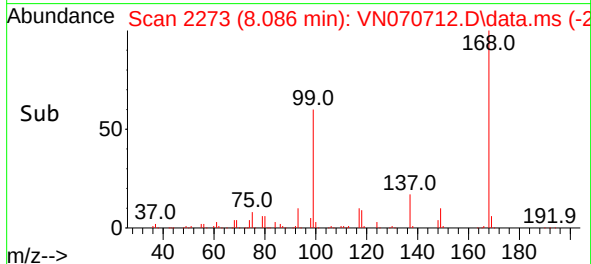
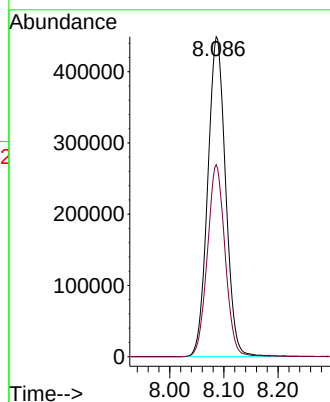
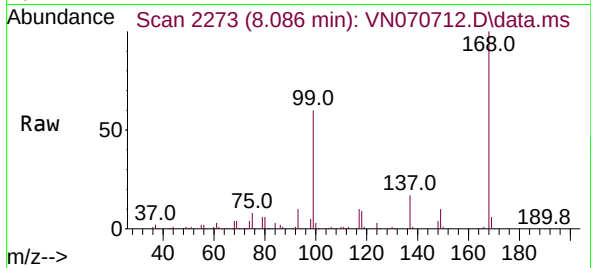




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN070712.D
Acq: 20 Jan 2022 11:02

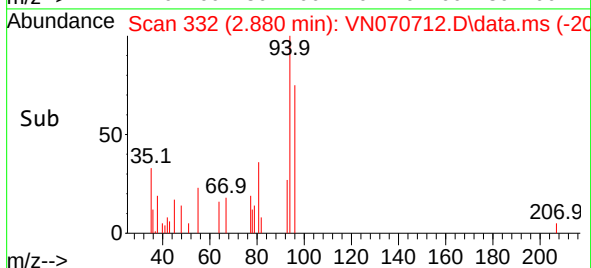
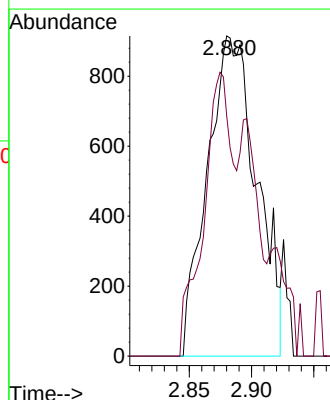
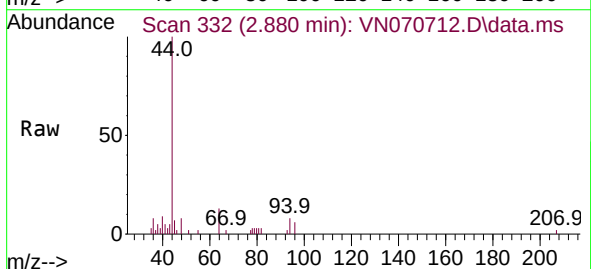
Instrument :
MSVOA_N
ClientSampleId :
VN0120WBL01

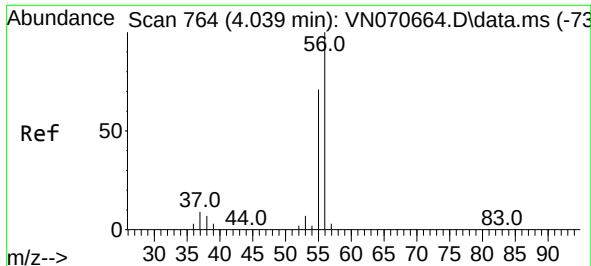
Tgt Ion:168 Resp: 1030174
Ion Ratio Lower Upper
168 100
99 60.0 41.3 61.9



#5
Bromomethane
Concen: 0.293 ug/l
RT: 2.880 min Scan# 332
Delta R.T. 0.032 min
Lab File: VN070712.D
Acq: 20 Jan 2022 11:02

Tgt Ion: 94 Resp: 2524
Ion Ratio Lower Upper
94 100
96 74.9 73.8 110.8

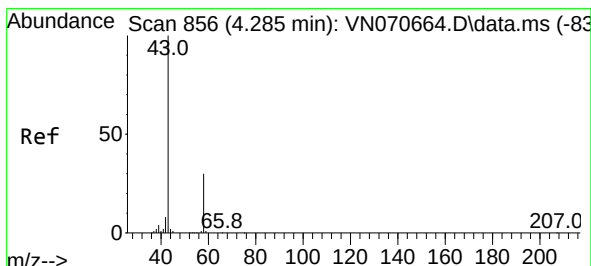
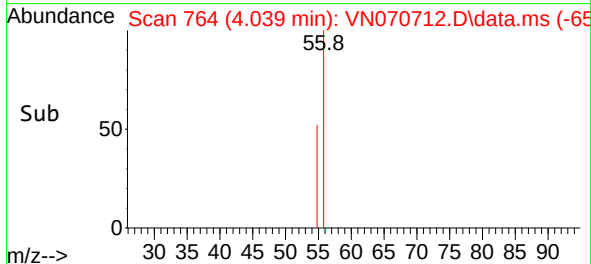
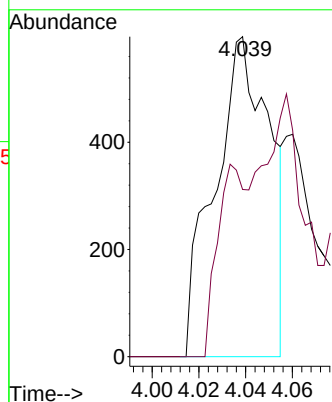
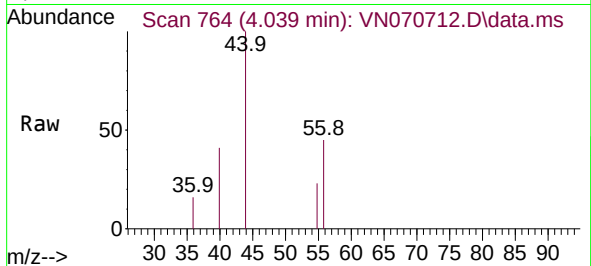




#13
Acrolein
Concen: 0.255 ug/l
RT: 4.039 min Scan# 764
Delta R.T. -0.000 min
Lab File: VN070712.D
Acq: 20 Jan 2022 11:02

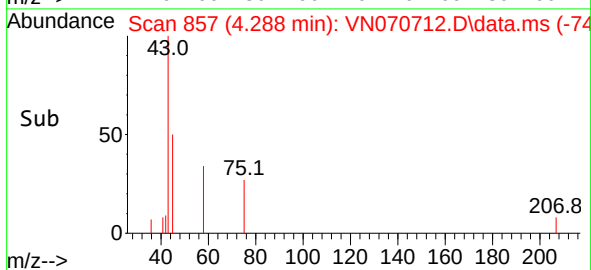
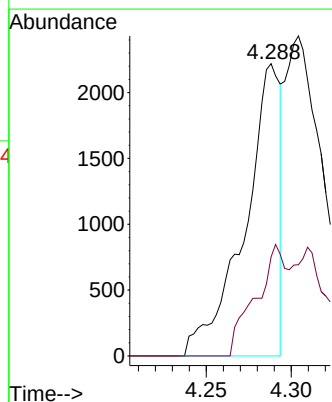
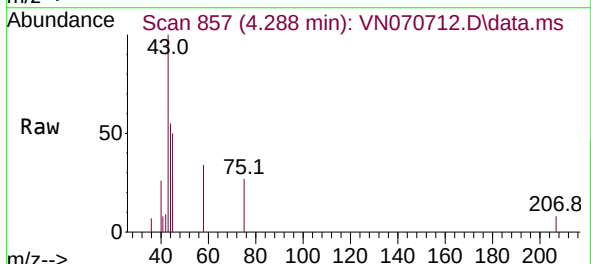
Instrument :
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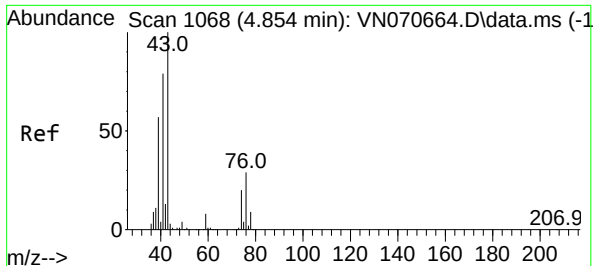
Tgt Ion: 56 Resp: 975
Ion Ratio Lower Upper
56 100
55 33.0 56.6 85.0#



#16
Acetone
Concen: 0.315 ug/l
RT: 4.288 min Scan# 857
Delta R.T. 0.003 min
Lab File: VN070712.D
Acq: 20 Jan 2022 11:02

Tgt Ion: 43 Resp: 3225
Ion Ratio Lower Upper
43 100
58 33.9 23.1 34.7





#18

Methyl Acetate

Concen: 0.208 ug/l

RT: 4.870 min Scan# 1

Delta R.T. 0.016 min

Lab File: VN070712.D

Acq: 20 Jan 2022 11:02

Instrument :

MSVOA_N

ClientSampleId :

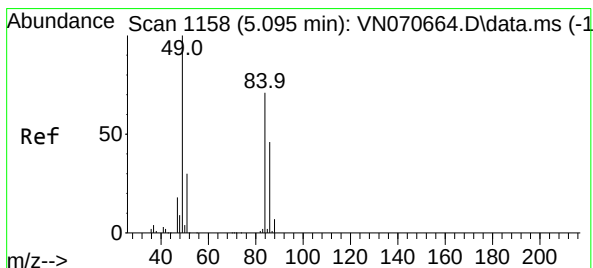
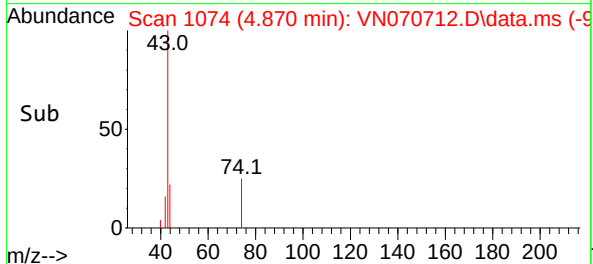
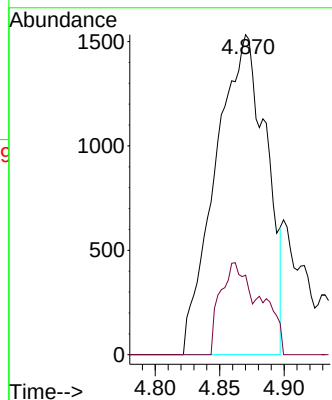
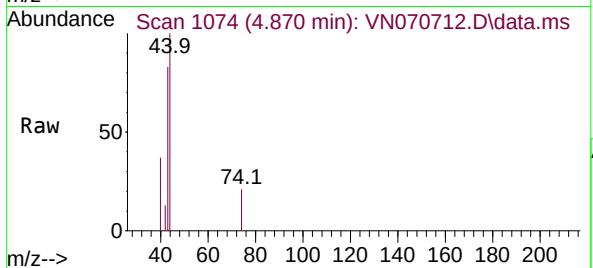
VN0120WBL01

Tgt Ion: 43 Resp: 4198

Ion Ratio Lower Upper

43 100

74 16.6 19.4 29.2#



#20

Methylene Chloride

Concen: 0.270 ug/l

RT: 5.087 min Scan# 1155

Delta R.T. -0.008 min

Lab File: VN070712.D

Acq: 20 Jan 2022 11:02

Tgt Ion: 84 Resp: 3646

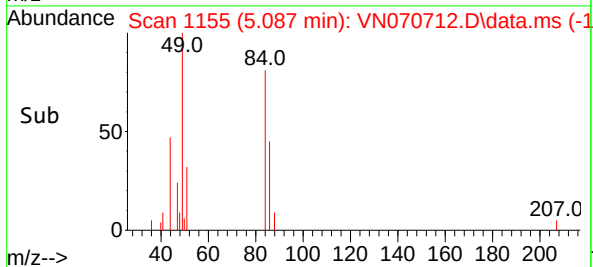
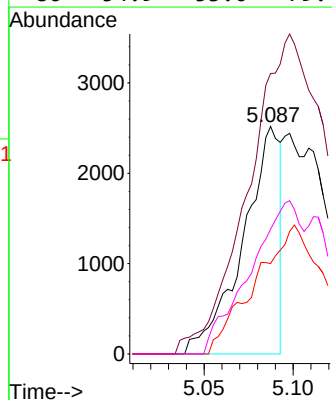
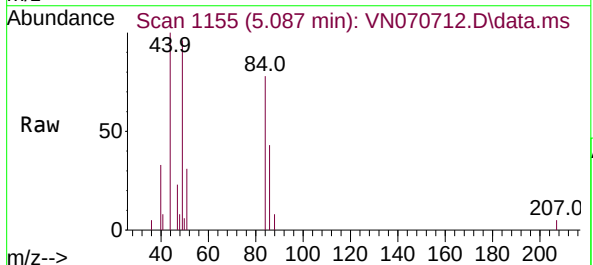
Ion Ratio Lower Upper

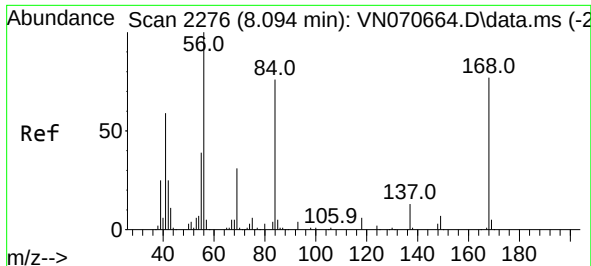
84 100

49 117.3 93.5 140.3

51 39.8 29.4 44.2

86 54.9 53.0 79.4

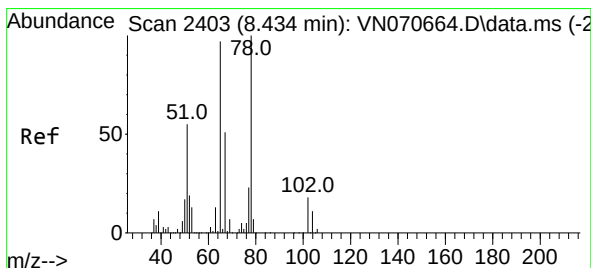
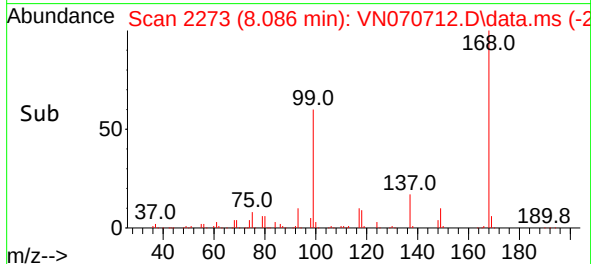
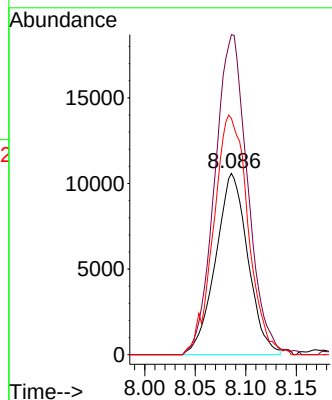
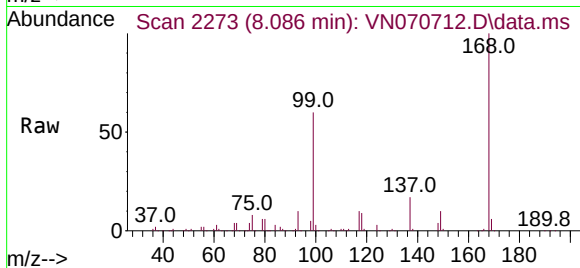




#31
Cyclohexane
Concen: 0.903 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.008 min
Lab File: VN070712.D
Acq: 20 Jan 2022 11:02

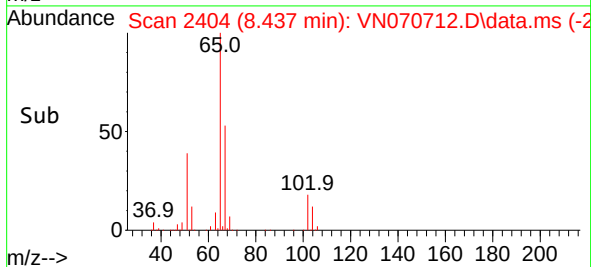
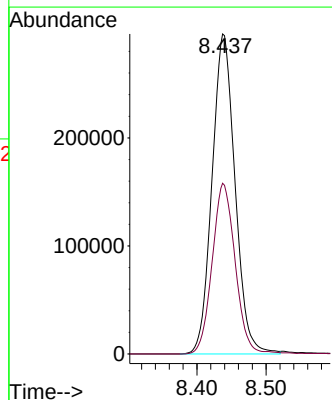
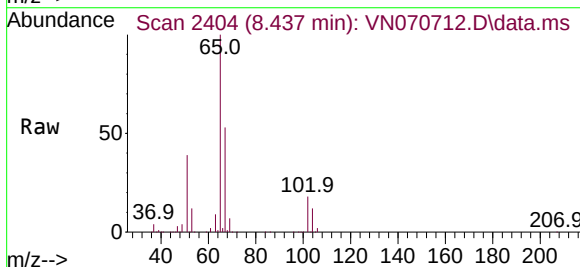
Instrument :
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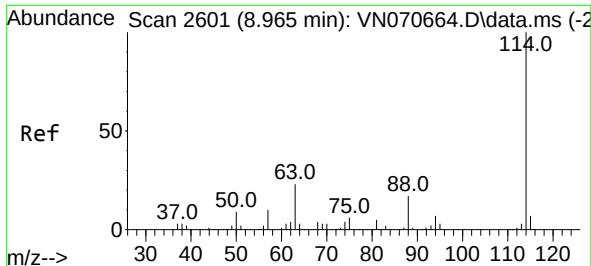
Tgt Ion: 56 Resp: 23481
Ion Ratio Lower Upper
56 100
69 176.5 27.1 40.7#
84 130.3 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 46.311 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.003 min
Lab File: VN070712.D
Acq: 20 Jan 2022 11:02

Tgt Ion: 65 Resp: 683737
Ion Ratio Lower Upper
65 100
67 53.4 0.0 103.0

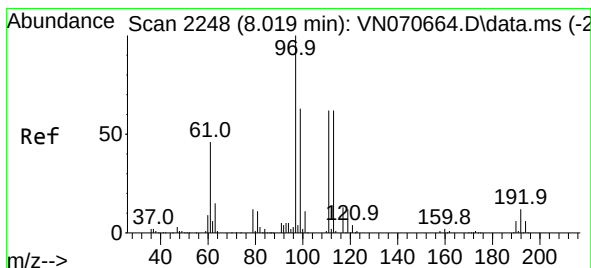
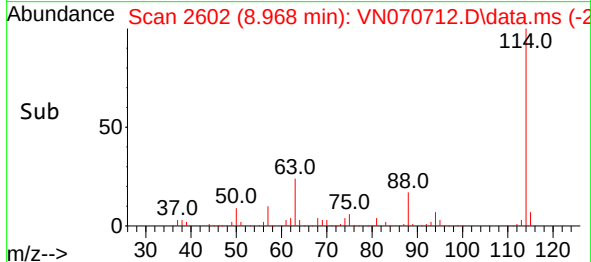
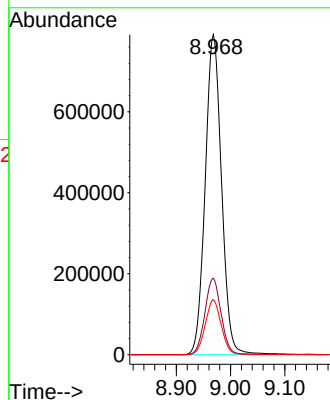
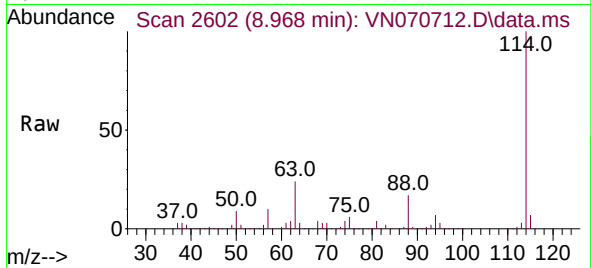




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN070712.D
Acq: 20 Jan 2022 11:02

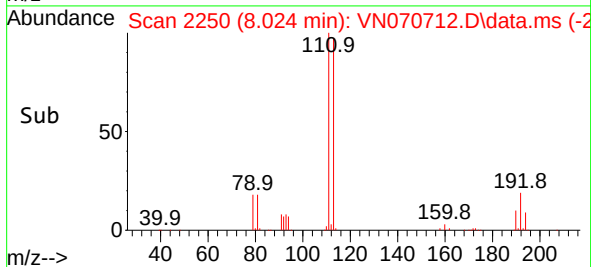
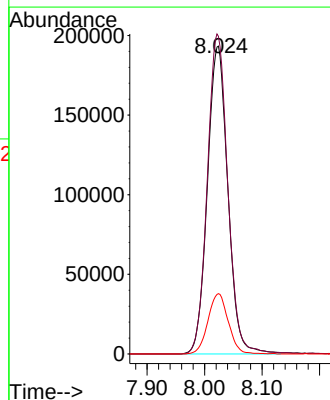
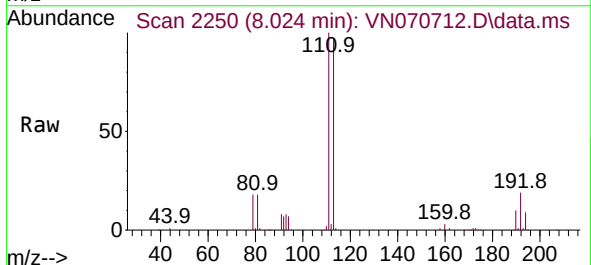
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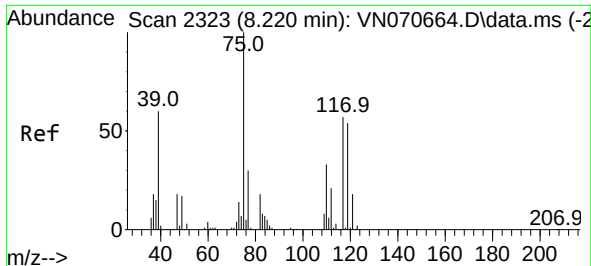
Tgt Ion:114 Resp: 1659281
Ion Ratio Lower Upper
114 100
63 23.9 0.0 37.8
88 17.2 0.0 27.4



#35
Dibromofluoromethane
Concen: 46.535 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.005 min
Lab File: VN070712.D
Acq: 20 Jan 2022 11:02

Tgt Ion:113 Resp: 478959
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.2
192 19.4 16.9 25.3

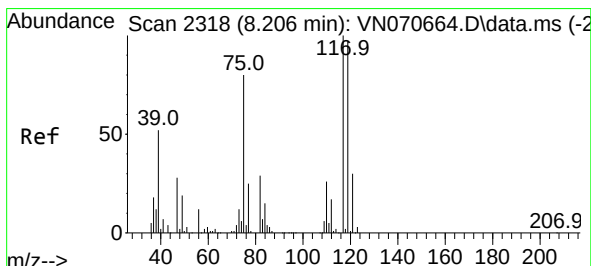
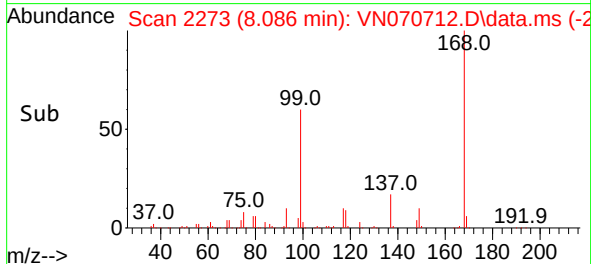
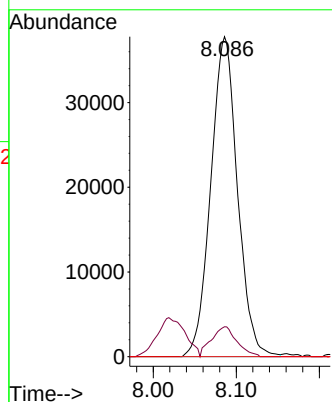
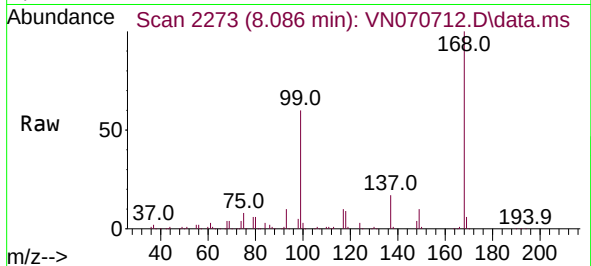




#36
1,1-Dichloropropene
Concen: 4.867 ug/l
RT: 8.086 min Scan# 211
Delta R.T. -0.134 min
Lab File: VN070712.D
Acq: 20 Jan 2022 11:02

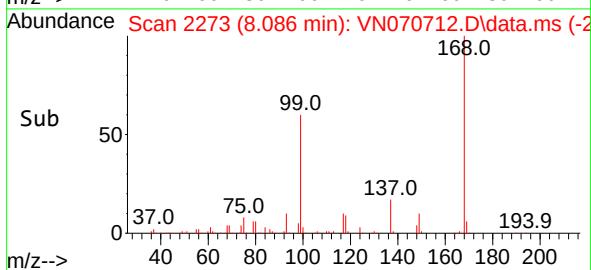
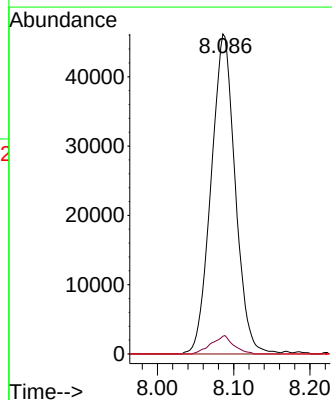
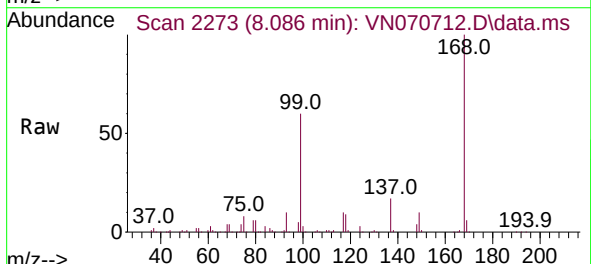
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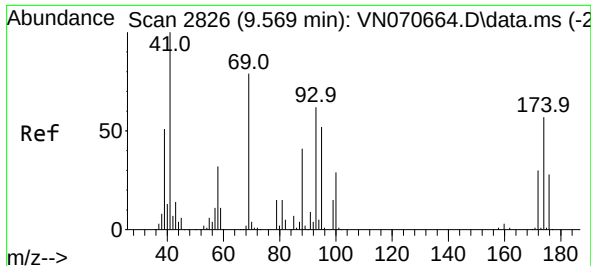
Tgt Ion: 75 Resp: 84338
Ion Ratio Lower Upper
75 100
110 8.9 18.4 55.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.574 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.120 min
Lab File: VN070712.D
Acq: 20 Jan 2022 11:02

Tgt Ion: 117 Resp: 101337
Ion Ratio Lower Upper
117 100
119 5.6 76.1 114.1#
121 0.0 24.2 36.2#

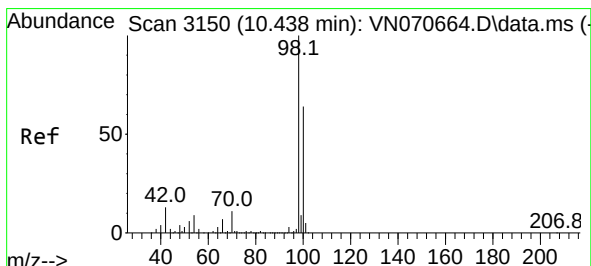
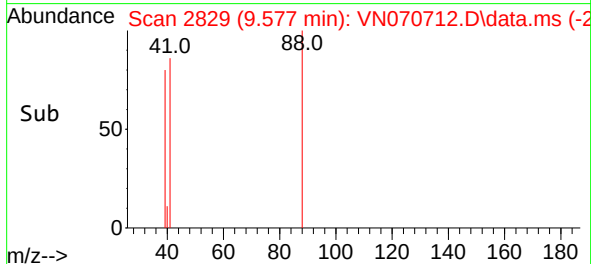
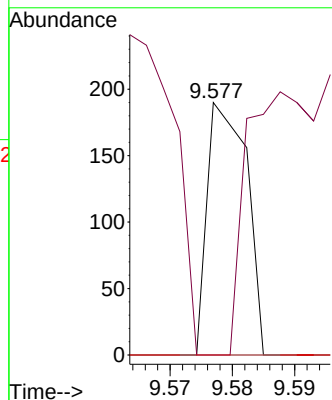
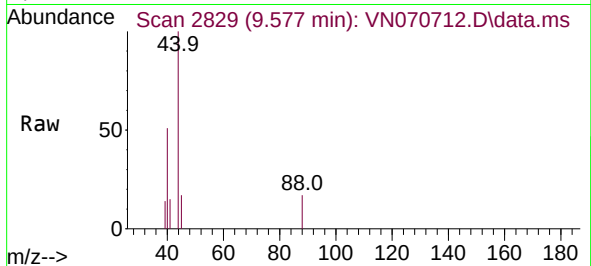




#49
1,4-Dioxane
Concen: 0.334 ug/l
RT: 9.577 min Scan# 21
Delta R.T. 0.008 min
Lab File: VN070712.D
Acq: 20 Jan 2022 11:02

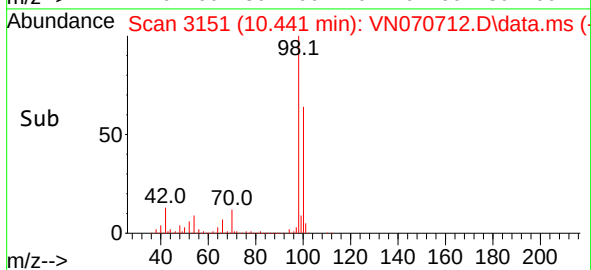
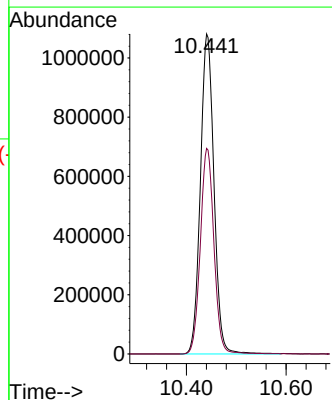
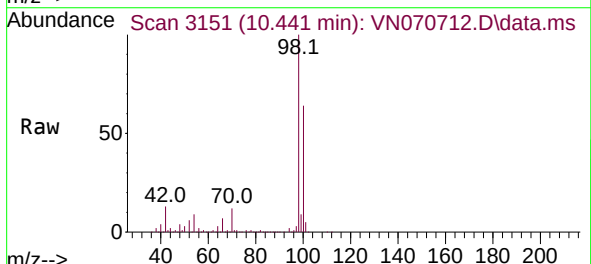
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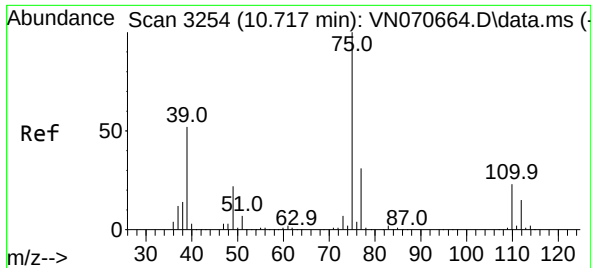
Tgt Ion: 88 Resp: 84
Ion Ratio Lower Upper
88 100
43 177.4 23.4 35.2#
58 0.0 50.6 75.8#



#50
Toluene-d8
Concen: 47.170 ug/l
RT: 10.441 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VN070712.D
Acq: 20 Jan 2022 11:02

Tgt Ion: 98 Resp: 2045298
Ion Ratio Lower Upper
98 100
100 64.2 50.4 75.6

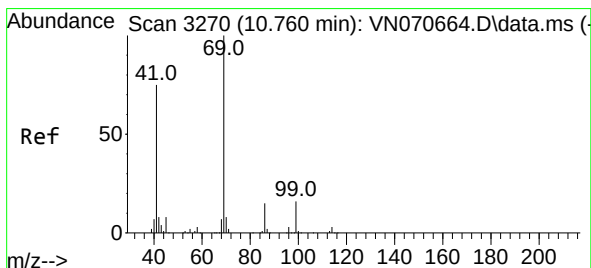
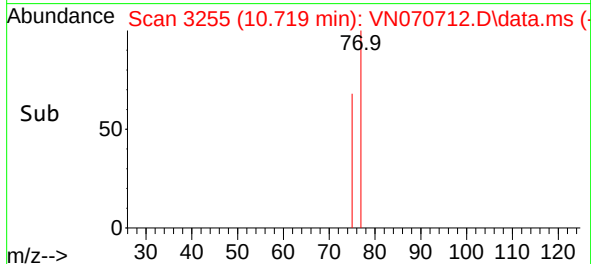
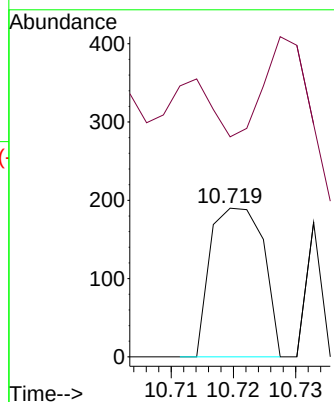
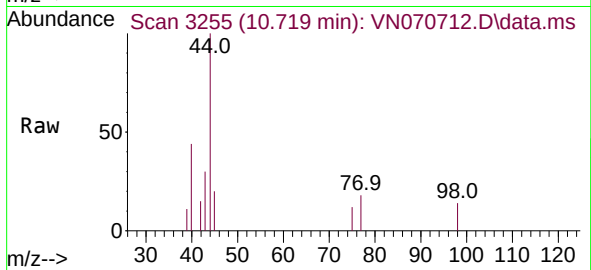




#53
t-1,3-Dichloropropene
Concen: 2.409 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.002 min
Lab File: VN070712.D
Acq: 20 Jan 2022 11:02

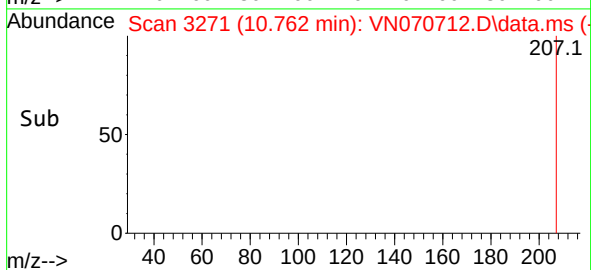
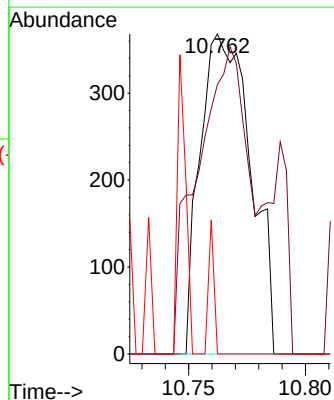
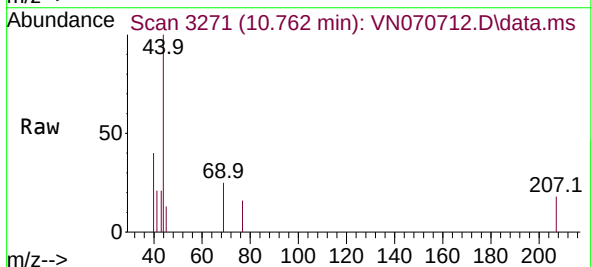
Instrument :
MSVOA_N
ClientSampleId :
VN0120WBL01

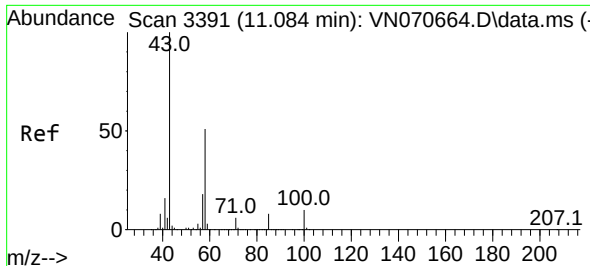
Tgt Ion: 75 Resp: 112
Ion Ratio Lower Upper
75 100
77 0.0 25.6 38.4#



#56
Ethyl methacrylate
Concen: 2.324 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.002 min
Lab File: VN070712.D
Acq: 20 Jan 2022 11:02

Tgt Ion: 69 Resp: 556
Ion Ratio Lower Upper
69 100
41 98.7 51.4 77.0#
39 4.5 34.6 52.0#

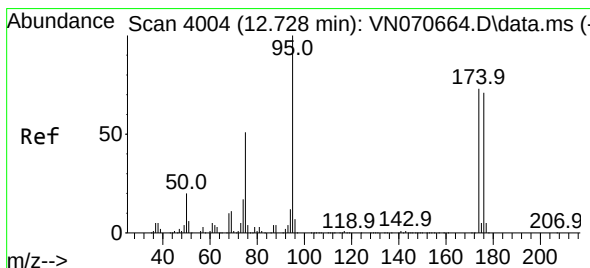
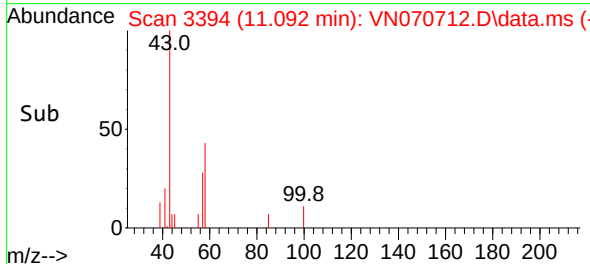
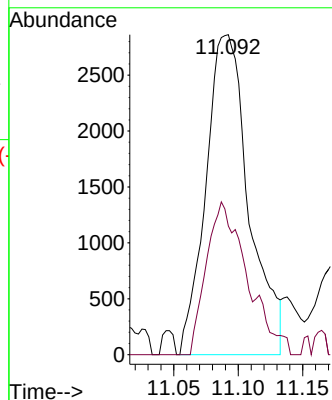
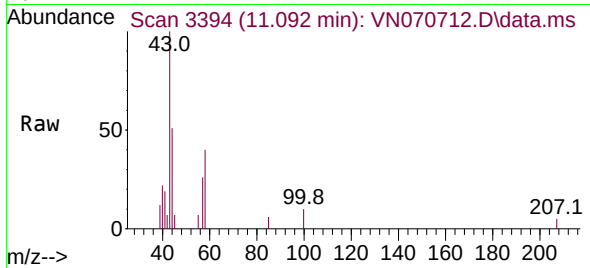




#59
2-Hexanone
Concen: 0.408 ug/l
RT: 11.092 min Scan# 31
Delta R.T. 0.008 min
Lab File: VN070712.D
Acq: 20 Jan 2022 11:02

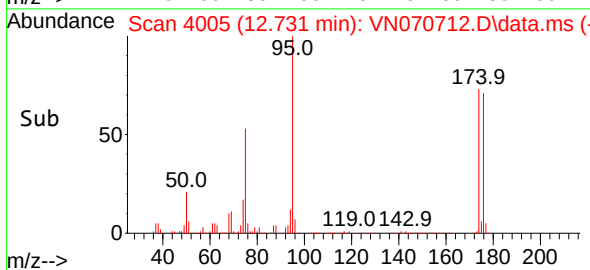
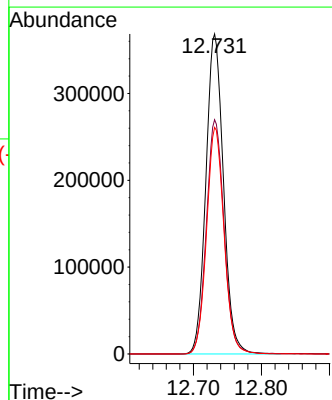
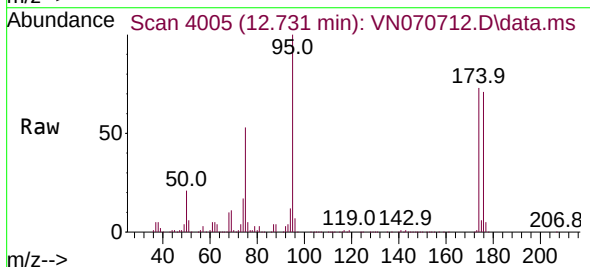
Instrument :
MSVOA_N
ClientSampleId :
VN0120WBL01

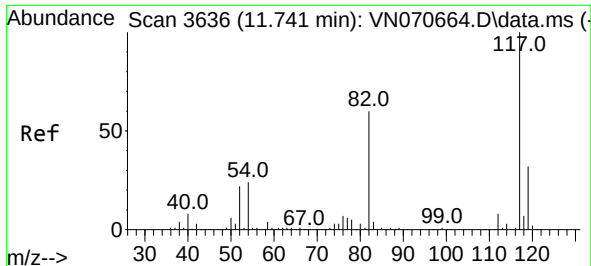
Tgt Ion: 43 Resp: 6640
Ion Ratio Lower Upper
43 100
58 45.5 26.9 80.7



#62
4-Bromofluorobenzene
Concen: 42.811 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070712.D
Acq: 20 Jan 2022 11:02

Tgt Ion: 95 Resp: 661481
Ion Ratio Lower Upper
95 100
174 73.9 0.0 187.2
176 70.5 0.0 181.4

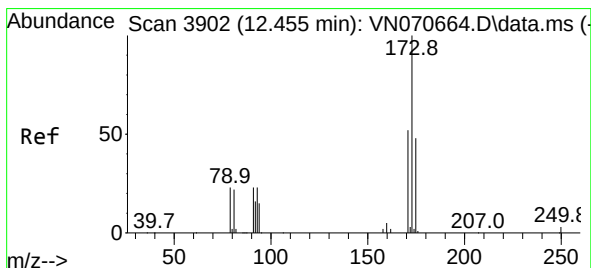
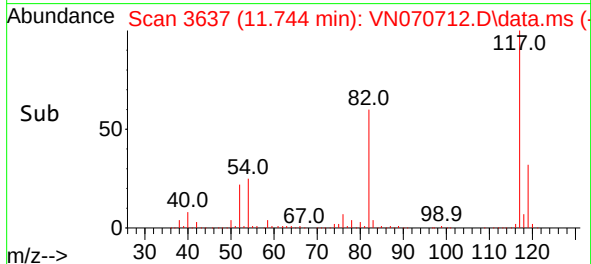
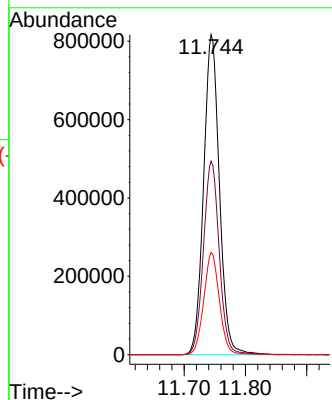
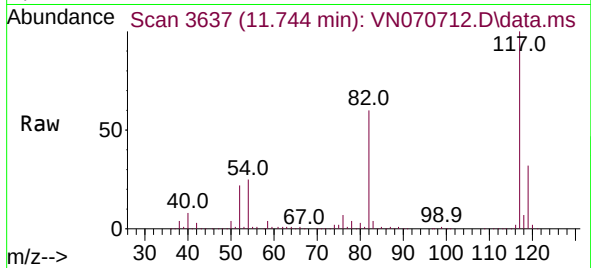




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 30
Delta R.T. 0.003 min
Lab File: VN070712.D
Acq: 20 Jan 2022 11:02

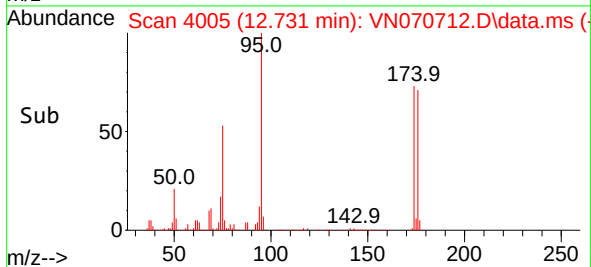
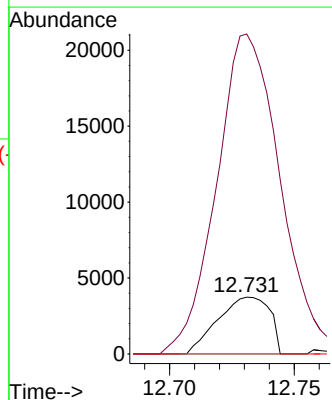
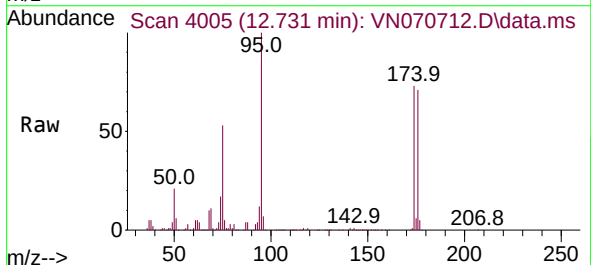
Instrument :
MSVOA_N
ClientSampleId :
VN0120WBL01

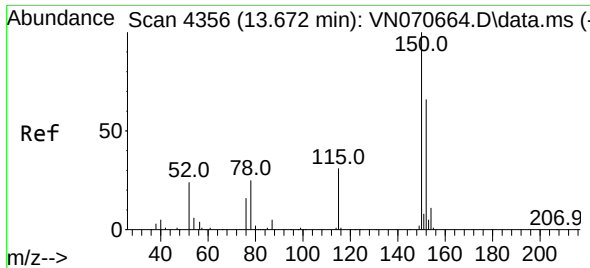
Tgt Ion:117 Resp: 1466638
Ion Ratio Lower Upper
117 100
82 60.5 42.4 63.6
119 32.0 25.4 38.2



#71
Bromoform
Concen: 0.656 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.276 min
Lab File: VN070712.D
Acq: 20 Jan 2022 11:02

Tgt Ion:173 Resp: 5425
Ion Ratio Lower Upper
173 100
175 600.1 24.2 72.6#
254 0.0 0.0 0.0

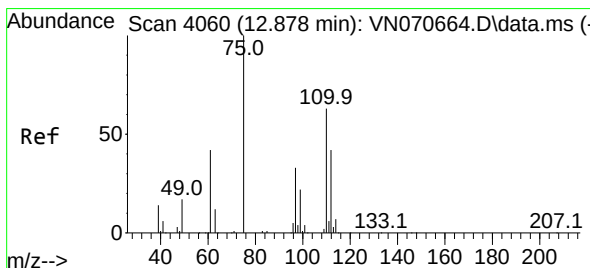
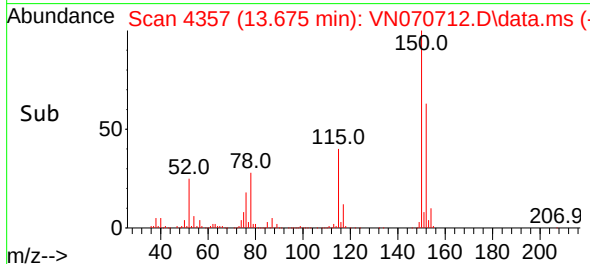
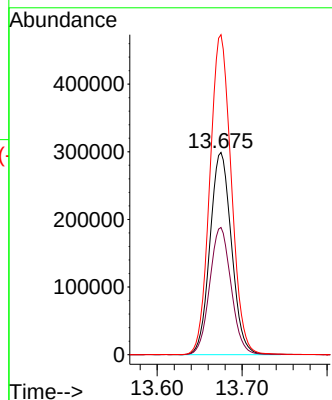
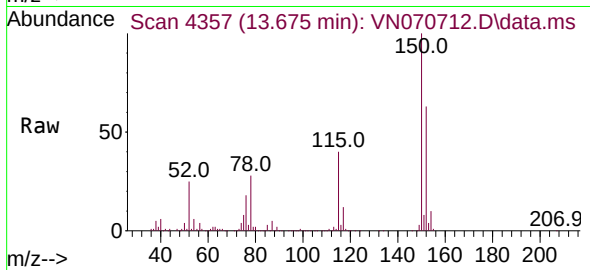




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.675 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VN070712.D
 Acq: 20 Jan 2022 11:02

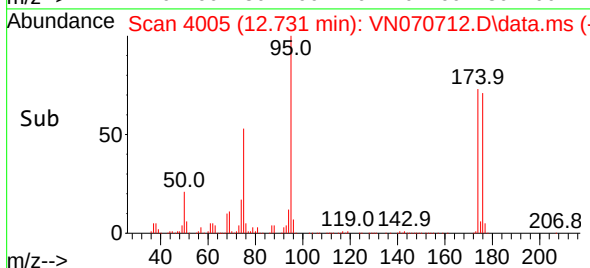
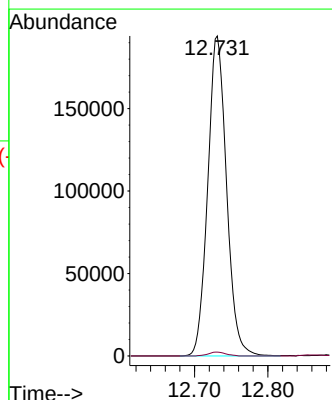
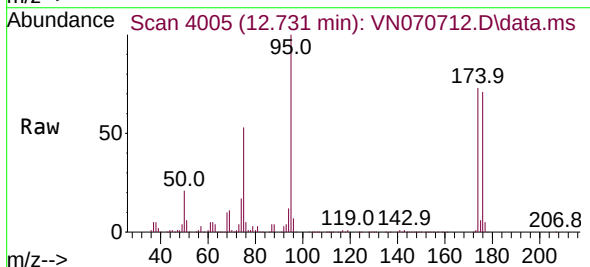
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0120WBL01

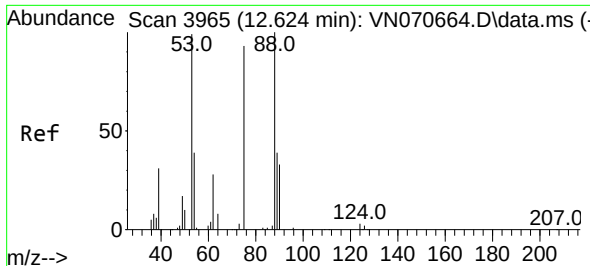
Tgt Ion:152 Resp: 526978
 Ion Ratio Lower Upper
 152 100
 115 62.6 27.5 82.5
 150 157.7 0.0 344.4



#76
 1,2,3-Trichloropropane
 Concen: 24.734 ug/l
 RT: 12.731 min Scan# 4005
 Delta R.T. -0.147 min
 Lab File: VN070712.D
 Acq: 20 Jan 2022 11:02

Tgt Ion: 75 Resp: 345700
 Ion Ratio Lower Upper
 75 100
 77 1.1 82.6 247.8#

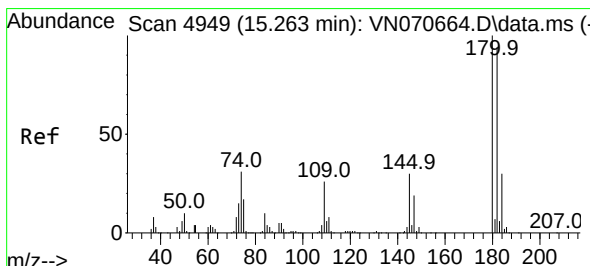
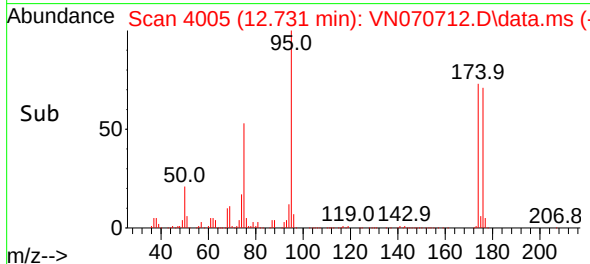
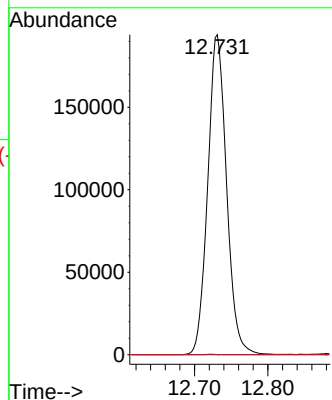
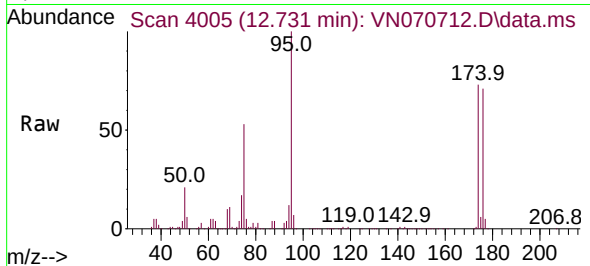




#81
trans-1,4-Dichloro-2-butene
Concen: 73.686 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.107 min
Lab File: VN070712.D
Acq: 20 Jan 2022 11:02

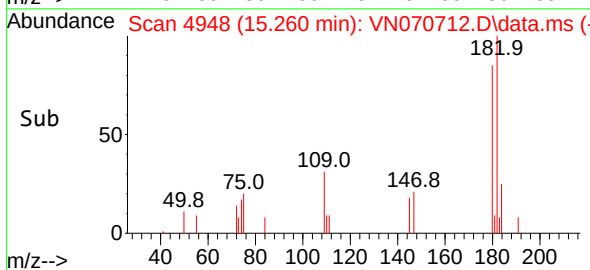
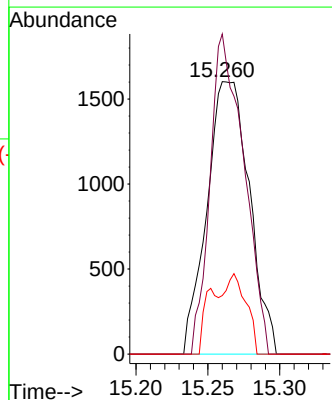
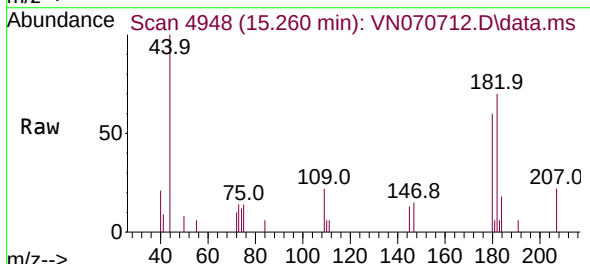
Instrument :
MSVOA_N
ClientSampleId :
VN0120WBL01

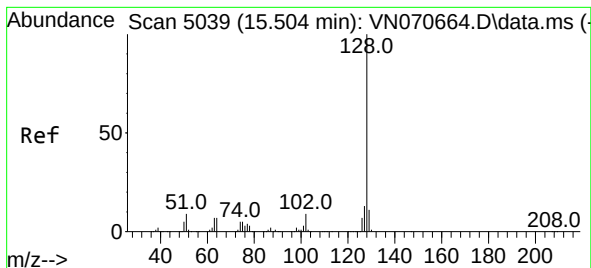
Tgt Ion: 75 Resp: 345700
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#



#93
1,2,4-Trichlorobenzene
Concen: 3.740 ug/l
RT: 15.260 min Scan# 4948
Delta R.T. -0.003 min
Lab File: VN070712.D
Acq: 20 Jan 2022 11:02

Tgt Ion: 180 Resp: 3294
Ion Ratio Lower Upper
180 100
182 93.3 48.3 144.9
145 13.8 14.5 43.5#





#95

Naphthalene

Concen: 5.371 ug/l

RT: 15.507 min Scan# 5039

Delta R.T. 0.003 min

Lab File: VN070712.D

Acq: 20 Jan 2022 11:02

Instrument :

MSVOA_N

ClientSampleId :

VN0120WBL01

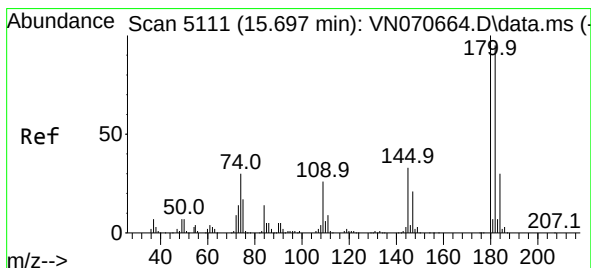
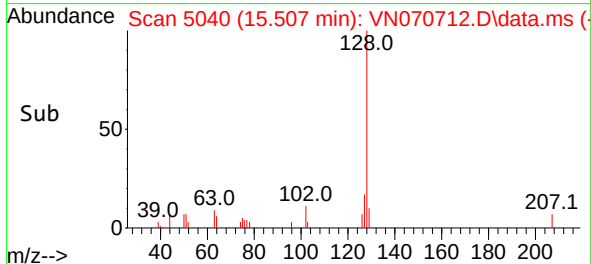
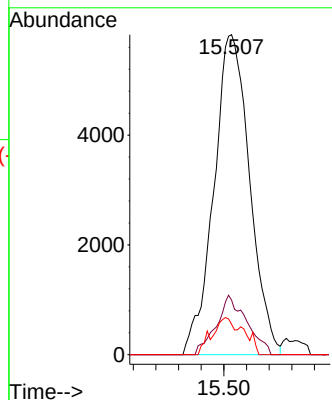
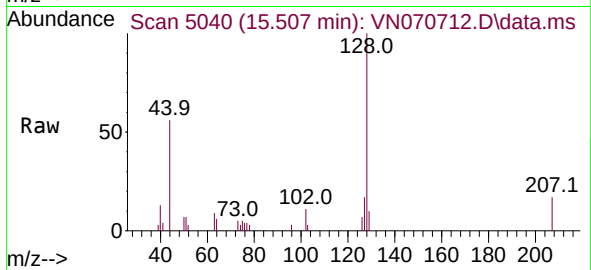
Tgt Ion:128 Resp: 12808

Ion Ratio Lower Upper

128 100

127 15.8 10.5 15.7#

129 7.4 8.7 13.1#



#96

1,2,3-Trichlorobenzene

Concen: 3.338 ug/l

RT: 15.692 min Scan# 5109

Delta R.T. -0.005 min

Lab File: VN070712.D

Acq: 20 Jan 2022 11:02

Tgt Ion:180 Resp: 1213

Ion Ratio Lower Upper

180 100

182 0.0 47.4 142.2#

145 0.0 15.0 45.1#

