

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053123\
 Data File : VX035929.D
 Acq On : 31 May 2023 12:23
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK

Quant Time: May 31 17:07:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 31 12:50:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	258417	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	413489	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	368277	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	176585	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	160887	38.340	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	76.680%#
35) Dibromofluoromethane	5.379	113	122987	44.222	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.440%
50) Toluene-d8	8.647	98	479604	48.051	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.100%
62) 4-Bromofluorobenzene	11.079	95	185743	47.141	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	629	0.223	ug/l	88
5) Bromomethane	1.611	94	624	0.313	ug/l #	64
10) Methyl Iodide	2.447	142	897	0.288	ug/l #	96
13) Acrolein	2.245	56	835	1.163	ug/l	95
15) Acrylonitrile	3.068	53	1352	0.772	ug/l	87
16) Acetone	2.392	43	1336	0.772	ug/l #	75
17) Carbon Disulfide	2.508	76	7291	1.122	ug/l	99
20) Methylene Chloride	2.788	84	1272	0.381	ug/l #	63
21) trans-1,2-Dichloroethene	3.093	96	1209	0.408	ug/l #	80
23) Vinyl Acetate	3.733	43	1801	0.247	ug/l #	66
25) 2-Butanone	4.587	43	1170	0.472	ug/l #	51
29) Tetrahydrofuran	5.038	42	488	0.306	ug/l #	56
36) 1,1-Dichloropropene	5.690	75	1290	0.348	ug/l	93
38) Carbon Tetrachloride	5.550	117	28289	7.828	ug/l #	17
39) Methylcyclohexane	7.379	83	883	0.228	ug/l	86
44) Trichloroethene	7.123	130	871	0.302	ug/l	66
46) Dibromomethane	7.598	93	412	0.202	ug/l #	48
49) 1,4-Dioxane	7.720	88	49	0.642	ug/l #	58
51) 4-Methyl-2-Pentanone	8.574	43	1009	0.243	ug/l #	79
58) 2-Chloroethyl Vinyl ether	8.244	63	752	0.329	ug/l	92
59) 2-Hexanone	9.439	43	1037	0.338	ug/l	85
64) Tetrachloroethene	9.281	164	732	0.316	ug/l #	58
65) Chlorobenzene	10.086	112	1603	0.216	ug/l	95
68) m/p-Xylenes	10.299	106	1674	0.334	ug/l	91
76) 1,2,3-Trichloropropane	11.079	75	95046	23.864	ug/l #	35
77) Bromobenzene	11.201	156	654	0.206	ug/l	96
78) n-propylbenzene	11.305	91	3640	0.251	ug/l	98
79) 2-Chlorotoluene	11.366	91	1918	0.203	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.079	75	95046	80.382	ug/l #	3
82) 4-Chlorotoluene	11.457	91	3304	0.305	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	2240	0.202	ug/l	93
85) sec-Butylbenzene	11.890	105	2943	0.240	ug/l	100
86) p-Isopropyltoluene	12.012	119	2945	0.281	ug/l	83
87) 1,3-Dichlorobenzene	11.969	146	2342	0.403	ug/l	96
88) 1,4-Dichlorobenzene	11.969	146	2342	0.382	ug/l	95
89) n-Butylbenzene	12.335	91	4569	0.516	ug/l	100

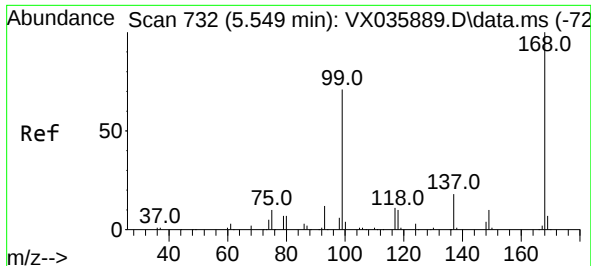
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053123\
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Quant Time: May 31 17:07:28 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
Quant Title : SW846 8260
QLast Update : Wed May 31 12:50:30 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) 1,2-Dichlorobenzene	12.335	146	1694	0.293	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	3404	1.011	ug/l	95
94) Hexachlorobutadiene	13.725	225	4470	3.489	ug/l	98
95) Naphthalene	13.780	128	11457	0.978	ug/l	96
96) 1,2,3-Trichlorobenzene	13.957	180	3653	1.100	ug/l	93

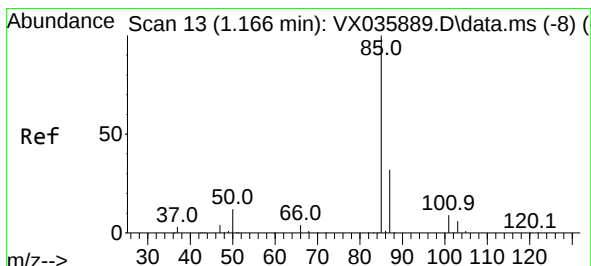
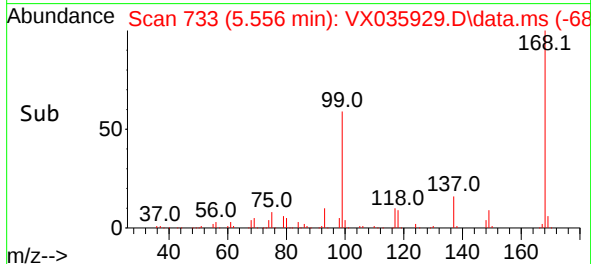
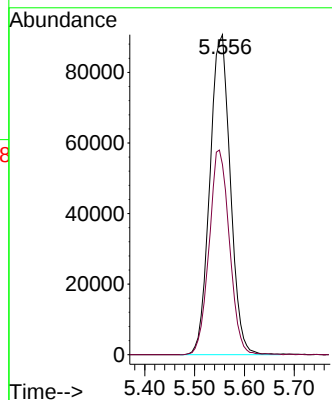
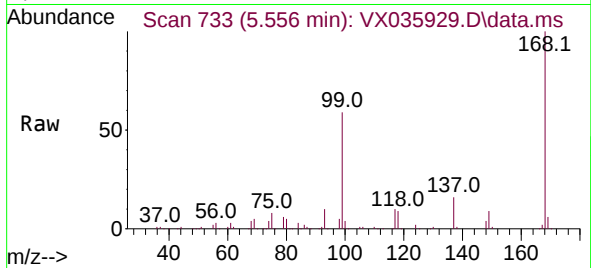
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX035929.D
Acq: 31 May 2023 12:23

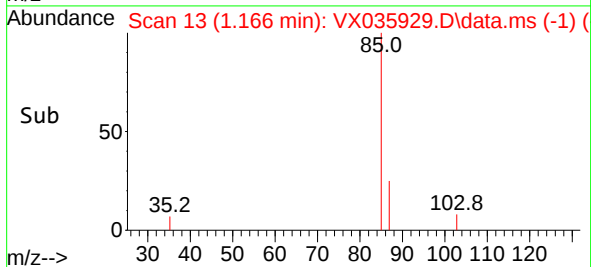
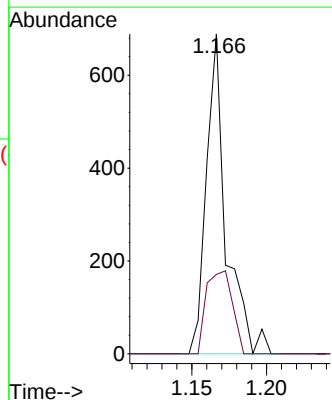
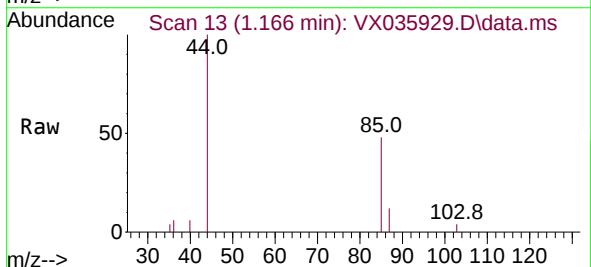
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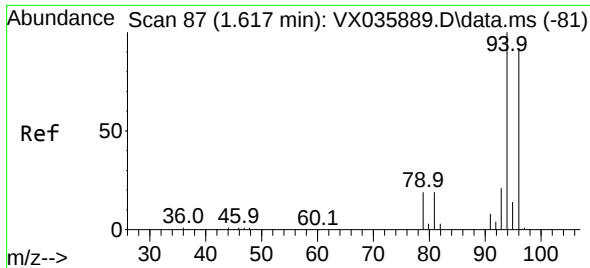
Tgt Ion:168 Resp: 258417
Ion Ratio Lower Upper
168 100
99 59.4 57.0 85.6



#2
Dichlorodifluoromethane
Concen: 0.223 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX035929.D
Acq: 31 May 2023 12:23

Tgt Ion: 85 Resp: 629
Ion Ratio Lower Upper
85 100
87 24.8 15.8 47.4

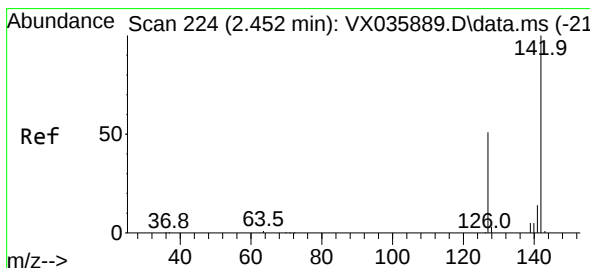
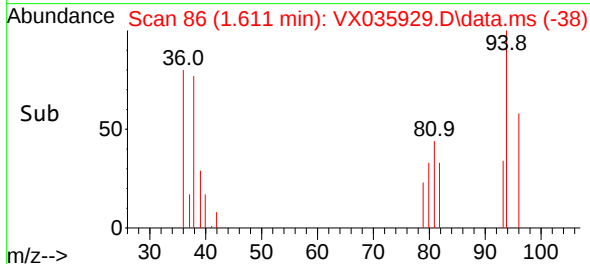
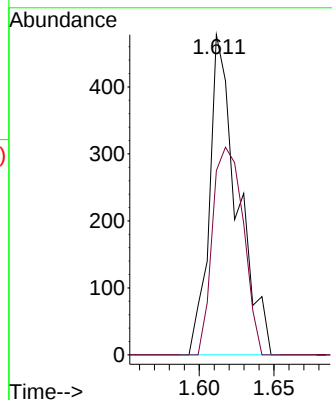
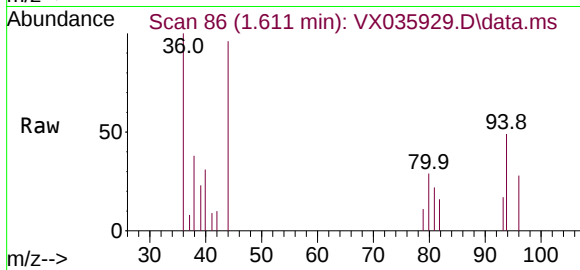




#5
Bromomethane
Concen: 0.313 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX035929.D
Acq: 31 May 2023 12:23

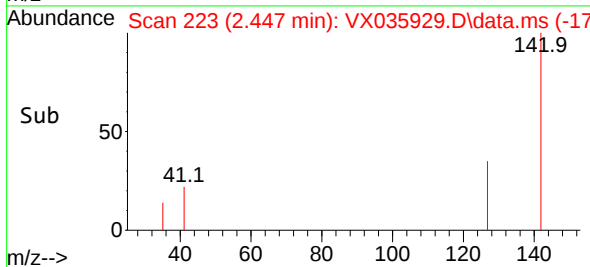
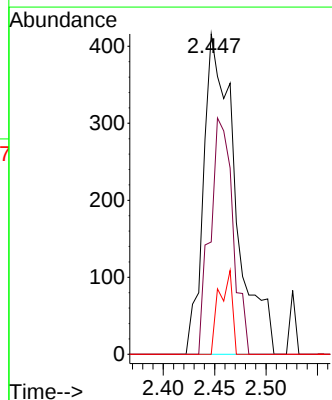
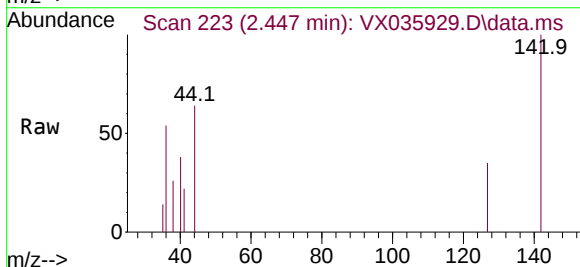
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ClientSampleId :
VIBLK

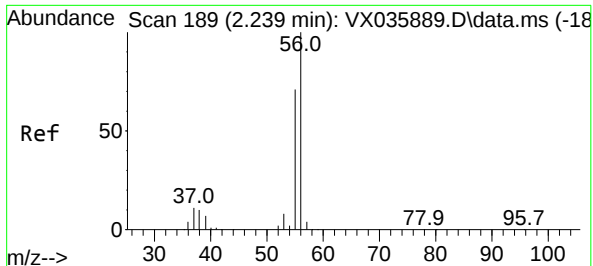
Tgt Ion: 94 Resp: 624
Ion Ratio Lower Upper
94 100
96 57.5 73.5 110.3#



#10
Methyl Iodide
Concen: 0.288 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.005 min
Lab File: VX035929.D
Acq: 31 May 2023 12:23

Tgt Ion: 142 Resp: 897
Ion Ratio Lower Upper
142 100
127 52.4 40.3 60.5
141 10.7 11.4 17.0#

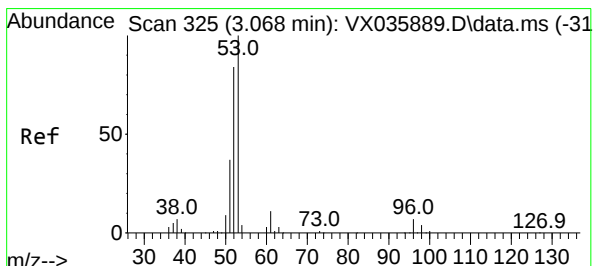
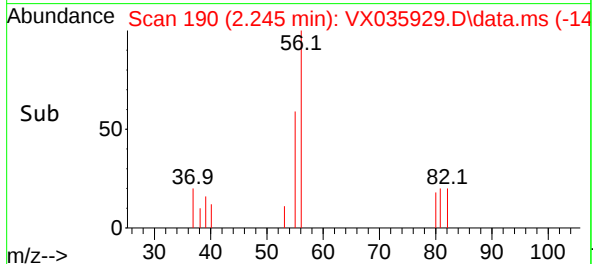
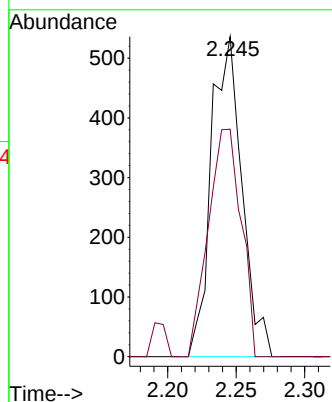
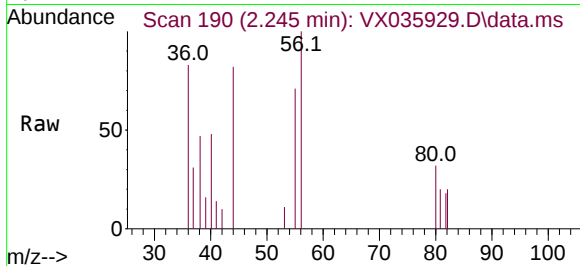




#13
Acrolein
Concen: 1.163 ug/l
RT: 2.245 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX035929.D
Acq: 31 May 2023 12:23

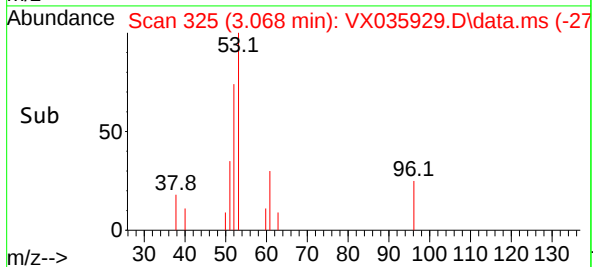
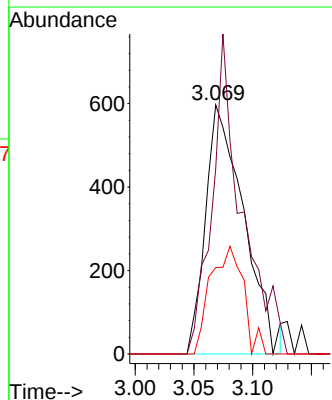
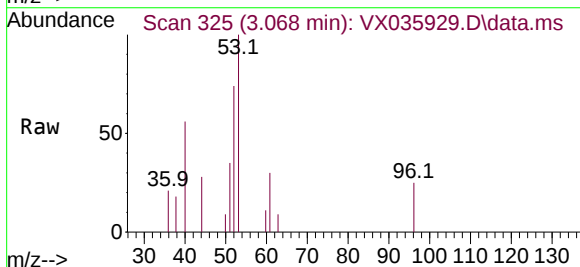
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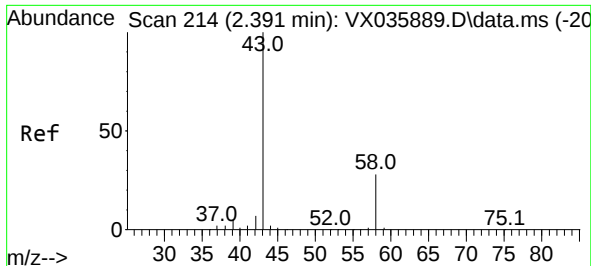
Tgt Ion: 56 Resp: 835
Ion Ratio Lower Upper
56 100
55 76.0 57.3 85.9



#15
Acrylonitrile
Concen: 0.772 ug/l
RT: 3.068 min Scan# 325
Delta R.T. 0.000 min
Lab File: VX035929.D
Acq: 31 May 2023 12:23

Tgt Ion: 53 Resp: 1352
Ion Ratio Lower Upper
53 100
52 100.0 67.0 100.4
51 37.1 29.8 44.8

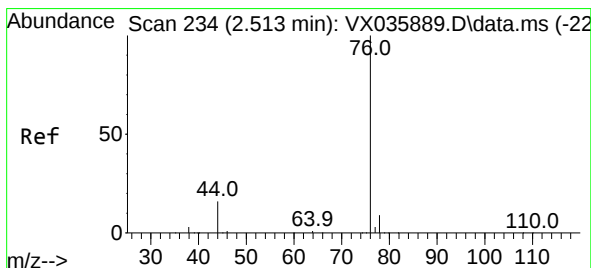
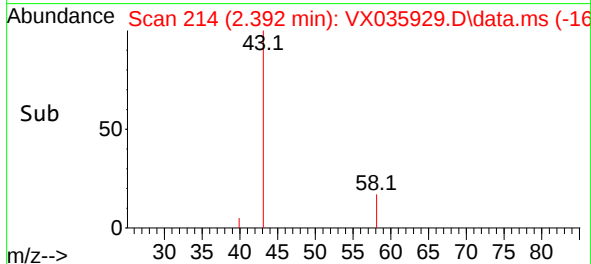
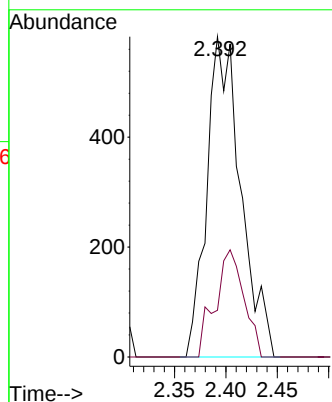
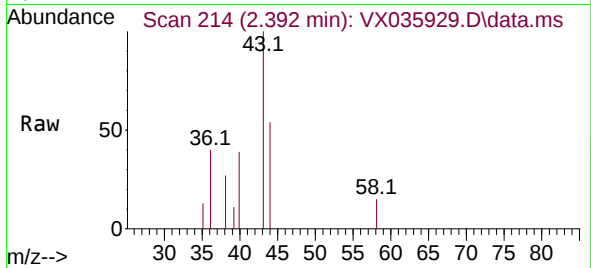




#16
Acetone
Concen: 0.772 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.001 min
Lab File: VX035929.D
Acq: 31 May 2023 12:23

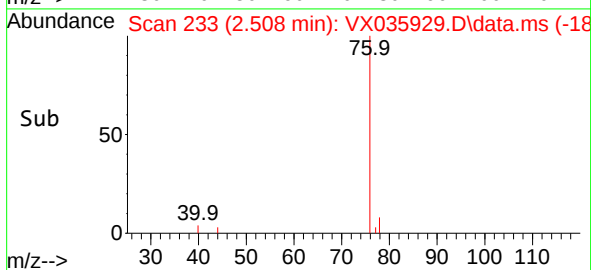
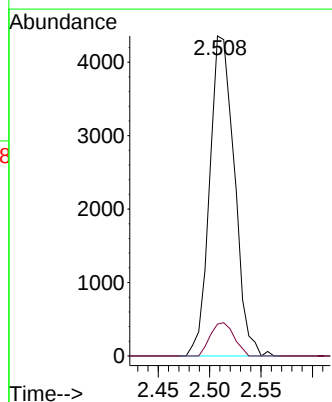
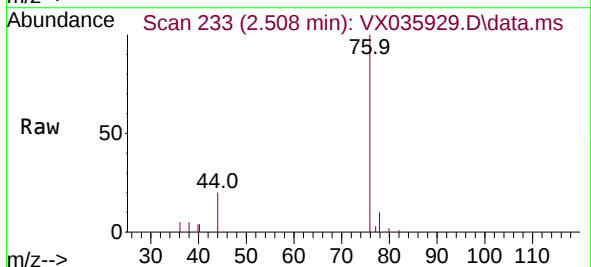
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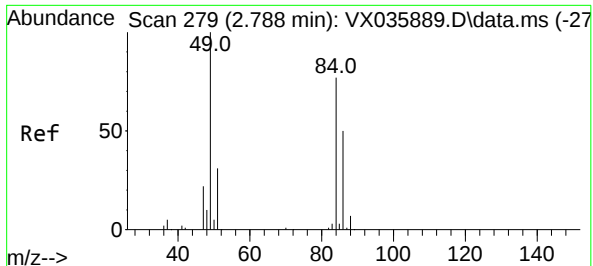
Tgt Ion: 43 Resp: 1336
Ion Ratio Lower Upper
43 100
58 14.6 22.2 33.2#



#17
Carbon Disulfide
Concen: 1.122 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.005 min
Lab File: VX035929.D
Acq: 31 May 2023 12:23

Tgt Ion: 76 Resp: 7291
Ion Ratio Lower Upper
76 100
78 10.0 7.6 11.4

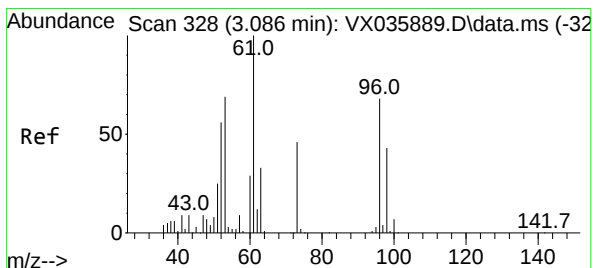
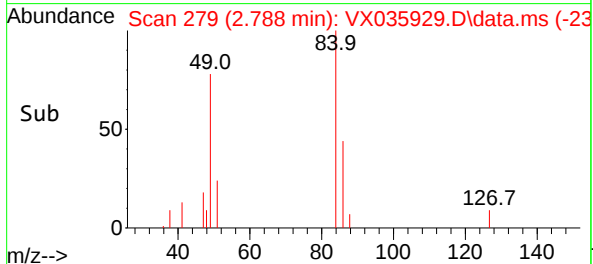
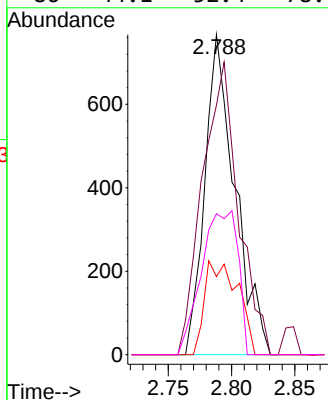
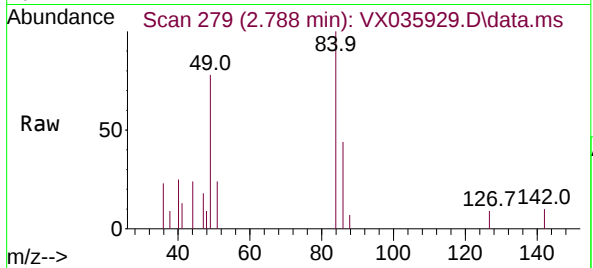




#20
Methylene Chloride
Concen: 0.381 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX035929.D
Acq: 31 May 2023 12:23

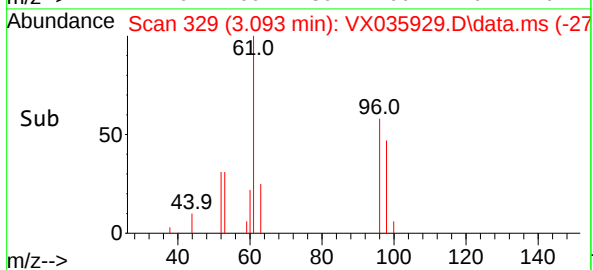
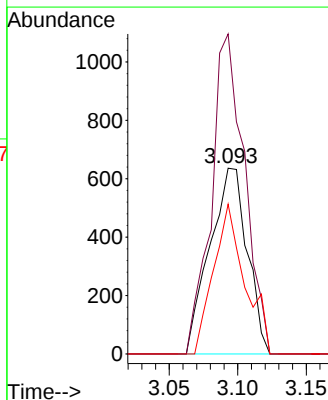
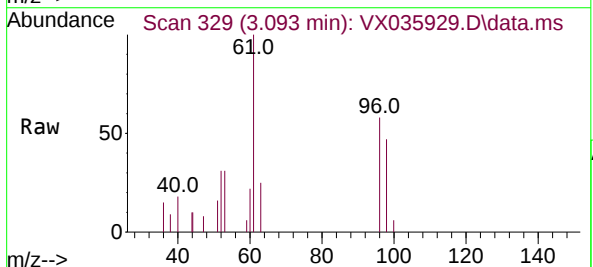
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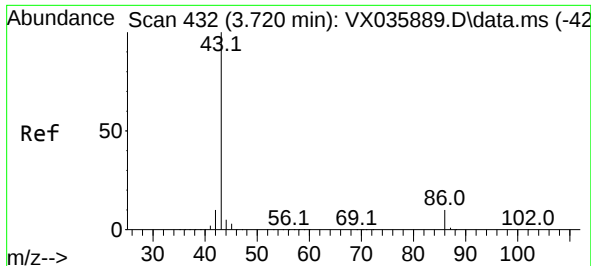
Tgt Ion: 84	Resp: 1272
Ion Ratio	Lower Upper
84 100	
49 78.0	104.6 156.8#
51 24.4	32.2 48.4#
86 44.1	52.4 78.6#



#21
trans-1,2-Dichloroethene
Concen: 0.408 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.007 min
Lab File: VX035929.D
Acq: 31 May 2023 12:23

Tgt Ion: 96	Resp: 1209		
Ion Ratio	Lower	Upper	
96	100		
61	172.3	118.2	177.4
98	80.7	50.6	75.8#

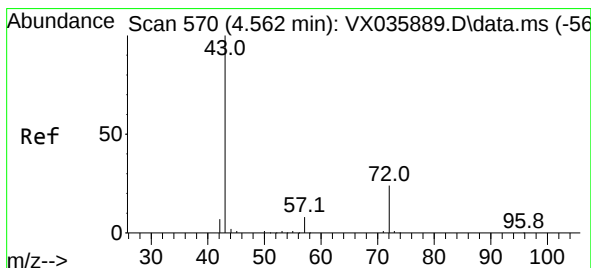
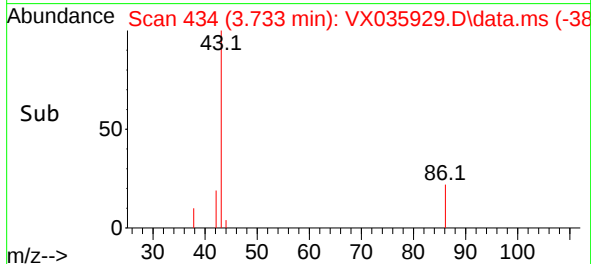
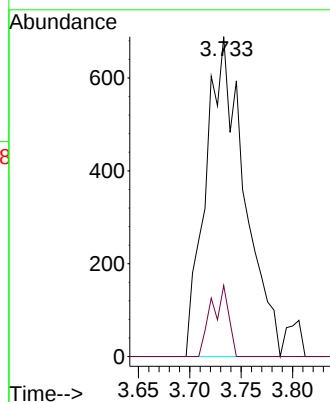
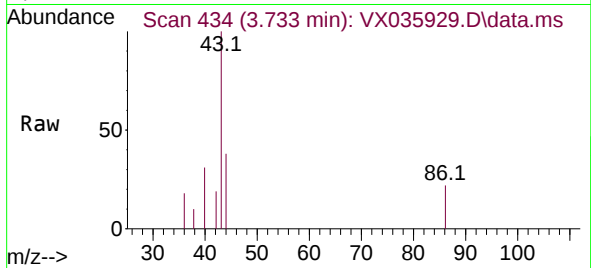




#23
 Vinyl Acetate
 Concen: 0.247 ug/l
 RT: 3.733 min Scan# 41
 Delta R.T. 0.013 min
 Lab File: VX035929.D
 Acq: 31 May 2023 12:23

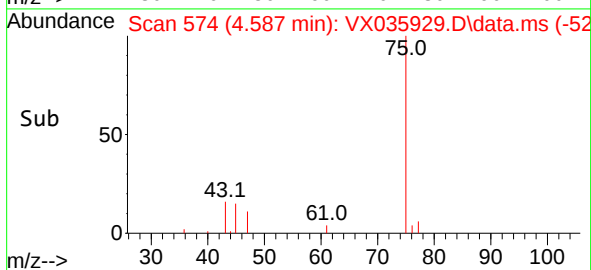
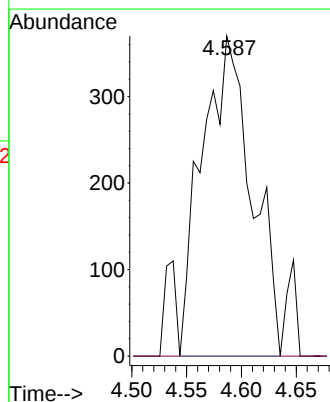
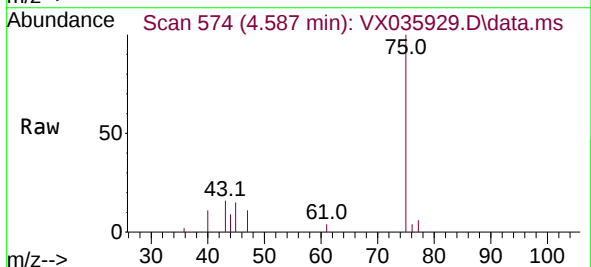
Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK

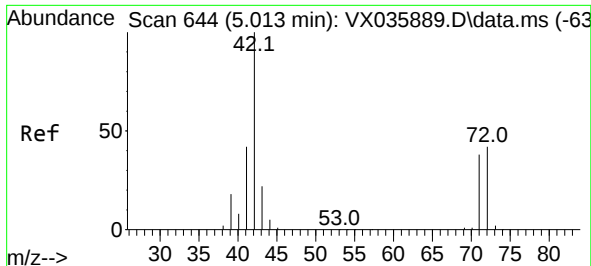
Tgt Ion: 43 Resp: 1801
 Ion Ratio Lower Upper
 43 100
 86 22.2 7.8 11.6#



#25
 2-Butanone
 Concen: 0.472 ug/l
 RT: 4.587 min Scan# 574
 Delta R.T. 0.025 min
 Lab File: VX035929.D
 Acq: 31 May 2023 12:23

Tgt Ion: 43 Resp: 1170
 Ion Ratio Lower Upper
 43 100
 72 0.0 19.4 29.2#





#29

Tetrahydrofuran

Concen: 0.306 ug/l

RT: 5.038 min Scan# 644

Delta R.T. 0.025 min

Lab File: VX035929.D

Acq: 31 May 2023 12:23

Instrument :

MSVOA_X

ClientSampleId :

VIBLK

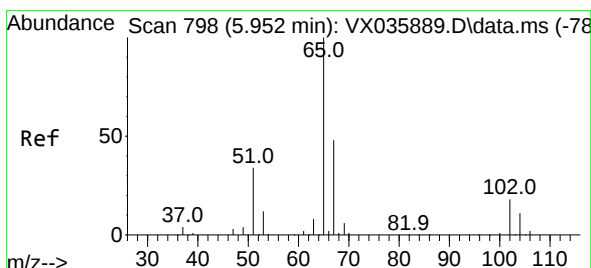
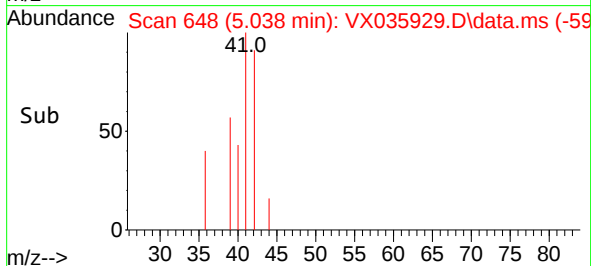
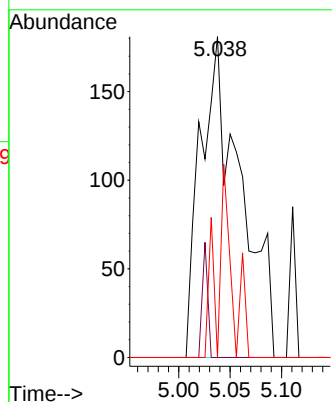
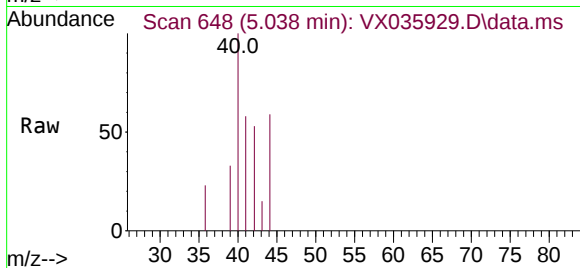
Tgt Ion: 42 Resp: 488

Ion Ratio Lower Upper

42 100

72 4.9 34.2 51.2#

71 22.5 31.8 47.8#



#33

1,2-Dichloroethane-d4

Concen: 38.340 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.006 min

Lab File: VX035929.D

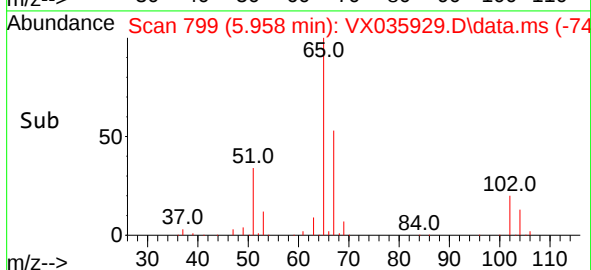
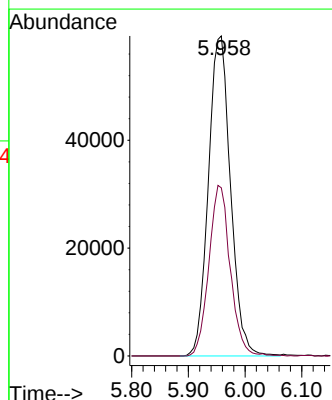
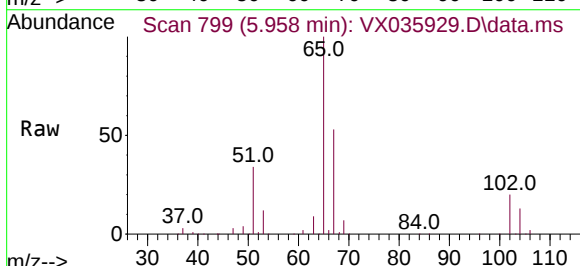
Acq: 31 May 2023 12:23

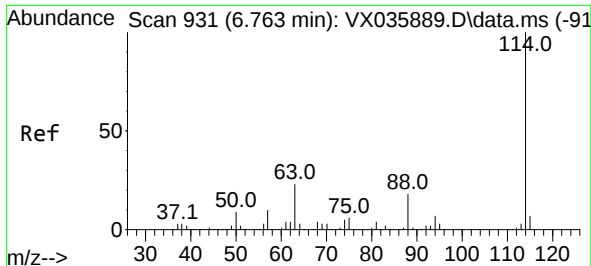
Tgt Ion: 65 Resp: 160887

Ion Ratio Lower Upper

65 100

67 51.4 0.0 99.6

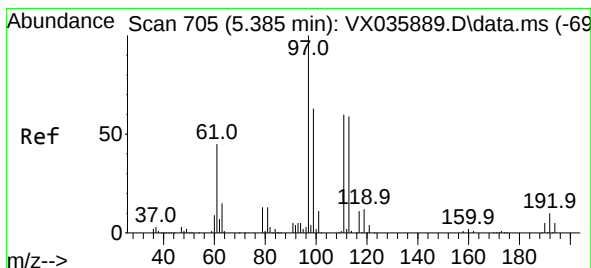
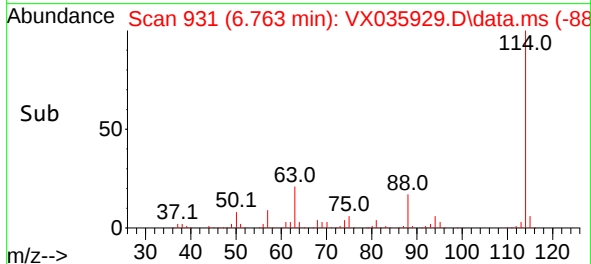
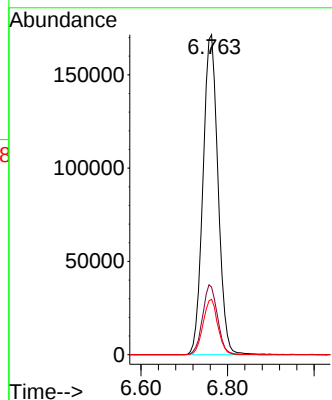
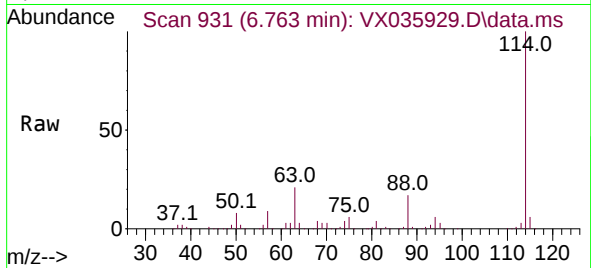




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX035929.D
Acq: 31 May 2023 12:23

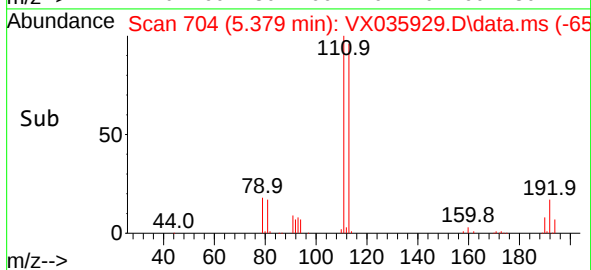
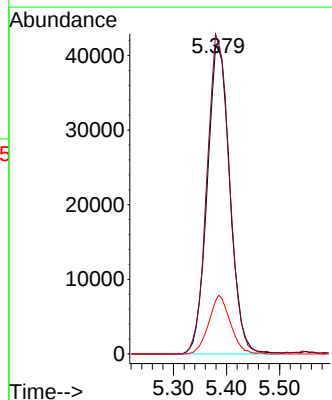
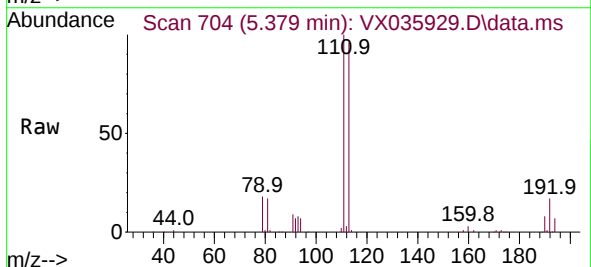
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

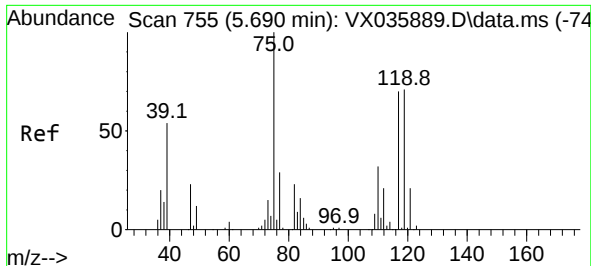
Tgt Ion:114 Resp: 413489
Ion Ratio Lower Upper
114 100
63 21.1 0.0 46.0
88 17.3 0.0 35.2



#35
Dibromofluoromethane
Concen: 44.222 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX035929.D
Acq: 31 May 2023 12:23

Tgt Ion:113 Resp: 122987
Ion Ratio Lower Upper
113 100
111 102.8 81.7 122.5
192 18.1 13.5 20.3





#36

1,1-Dichloropropene

Concen: 0.348 ug/l

RT: 5.690 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX035929.D

Acq: 31 May 2023 12:23

Instrument :

MSVOA_X

ClientSampleId :

VIBLK

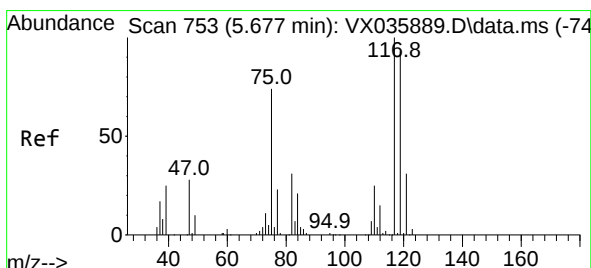
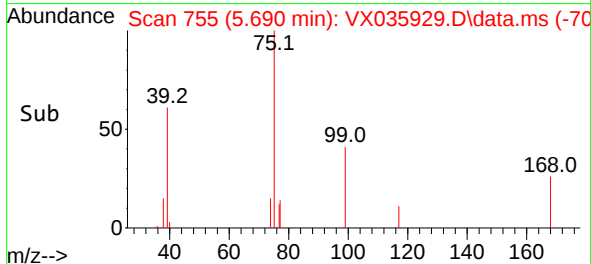
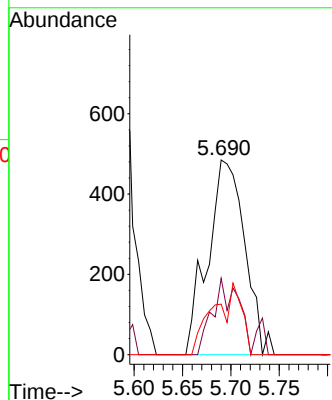
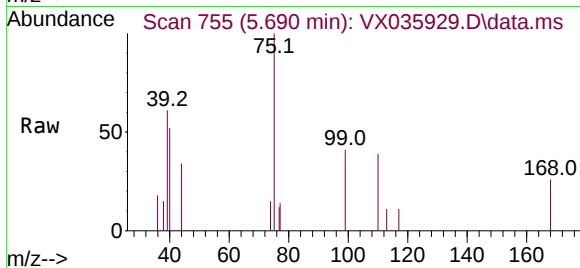
Tgt Ion: 75 Resp: 1290

Ion Ratio Lower Upper

75 100

110 27.4 16.6 49.7

77 28.1 24.4 36.6



#38

Carbon Tetrachloride

Concen: 7.828 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.127 min

Lab File: VX035929.D

Acq: 31 May 2023 12:23

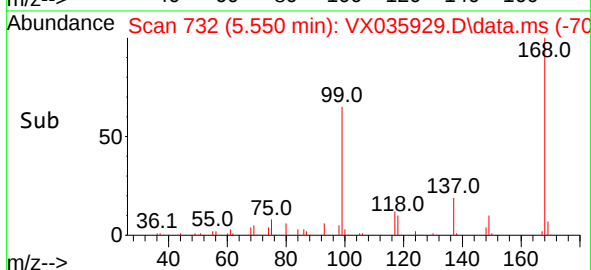
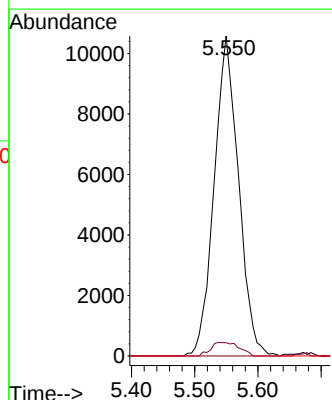
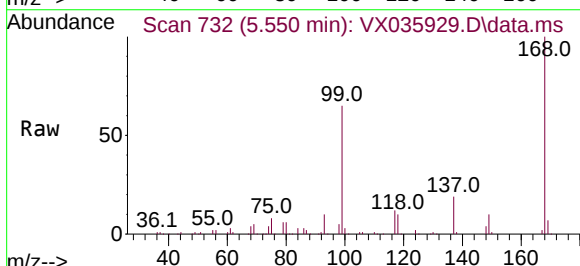
Tgt Ion: 117 Resp: 28289

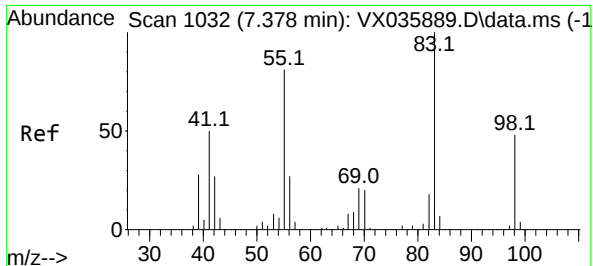
Ion Ratio Lower Upper

117 100

119 4.1 74.1 111.1#

121 0.0 25.0 37.4#





#39

Methylcyclohexane

Concen: 0.228 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.001 min

Lab File: VX035929.D

Acq: 31 May 2023 12:23

Instrument :

MSVOA_X

ClientSampleId :

VIBLK

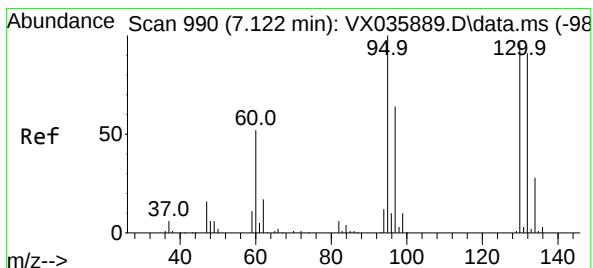
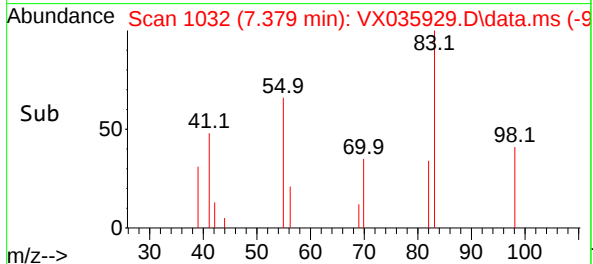
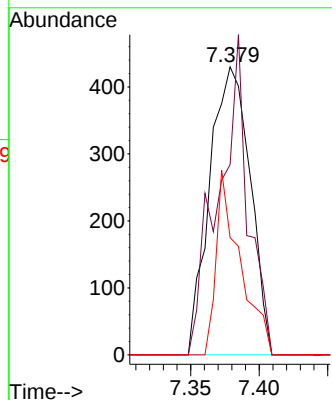
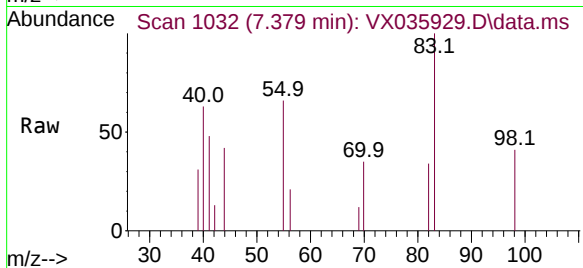
Tgt Ion: 83 Resp: 883

Ion Ratio Lower Upper

83 100

55 66.0 64.9 97.3

98 40.7 38.1 57.1



#44

Trichloroethene

Concen: 0.302 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.001 min

Lab File: VX035929.D

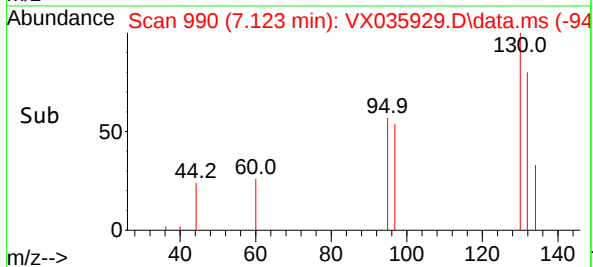
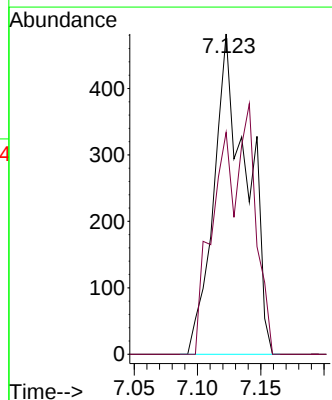
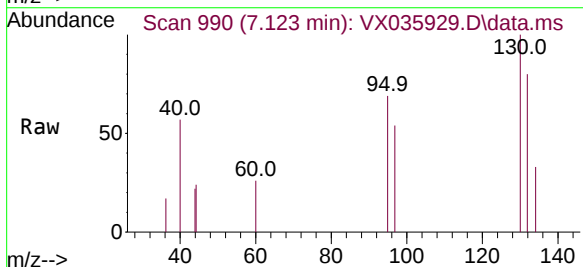
Acq: 31 May 2023 12:23

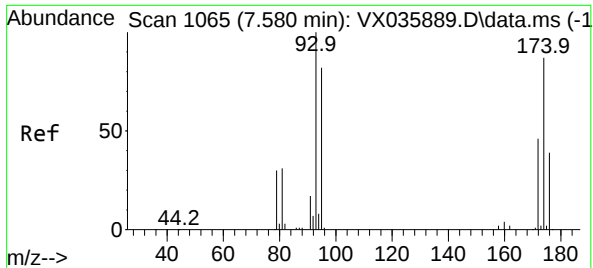
Tgt Ion:130 Resp: 871

Ion Ratio Lower Upper

130 100

95 69.3 0.0 207.6

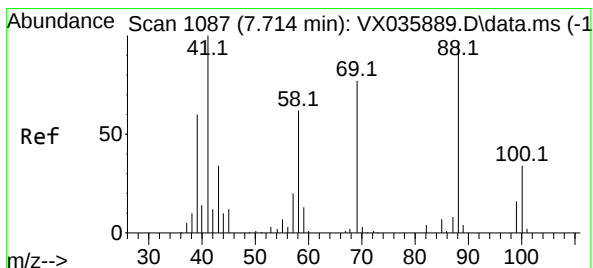
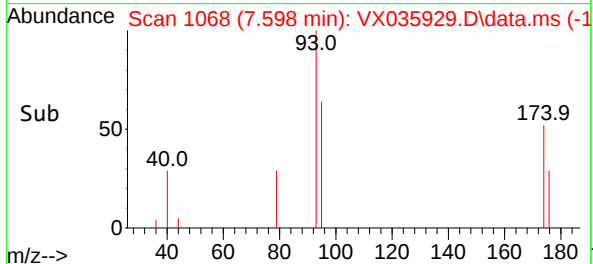
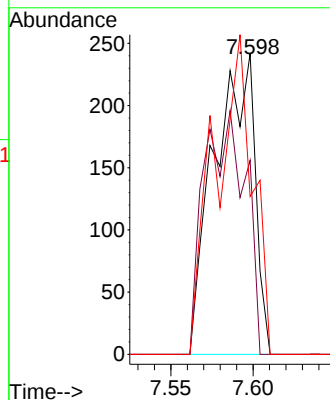
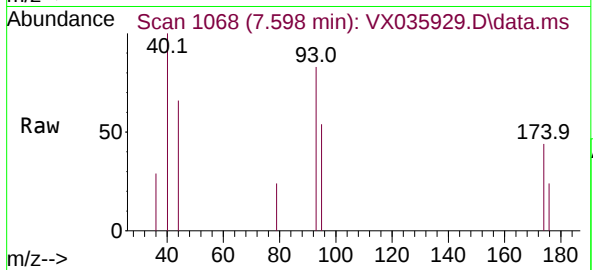




#46
Dibromomethane
Concen: 0.202 ug/l
RT: 7.598 min Scan# 1065
Delta R.T. 0.018 min
Lab File: VX035929.D
Acq: 31 May 2023 12:23

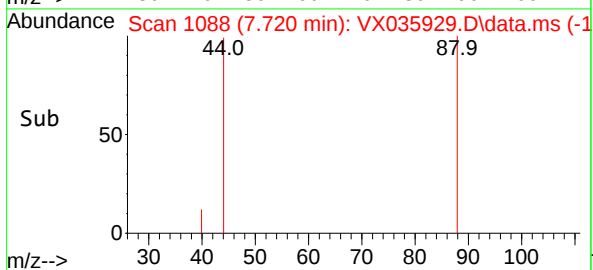
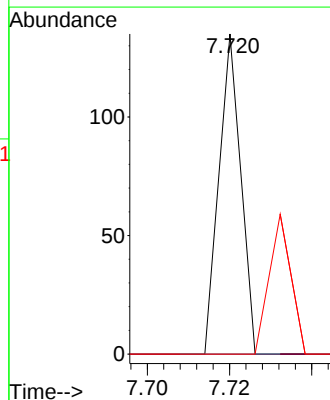
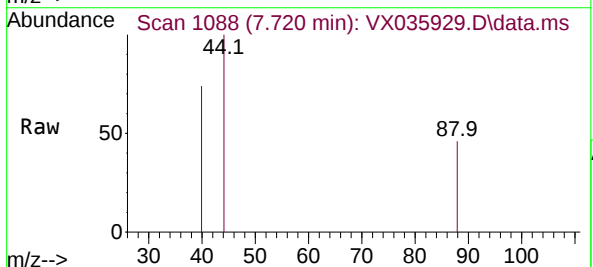
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

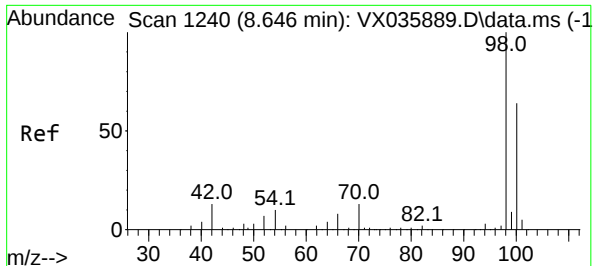
Tgt Ion: 93 Resp: 412
Ion Ratio Lower Upper
93 100
95 0.0 66.2 99.2#
174 99.8 69.5 104.3



#49
1,4-Dioxane
Concen: 0.642 ug/l
RT: 7.720 min Scan# 1088
Delta R.T. 0.006 min
Lab File: VX035929.D
Acq: 31 May 2023 12:23

Tgt Ion: 88 Resp: 49
Ion Ratio Lower Upper
88 100
43 0.0 27.4 41.0#
58 44.9 58.9 88.3#





#50

Toluene-d8

Concen: 48.051 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.001 min

Lab File: VX035929.D

Acq: 31 May 2023 12:23

Instrument :

MSVOA_X

ClientSampleId :

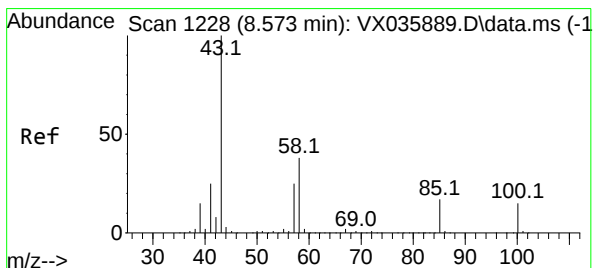
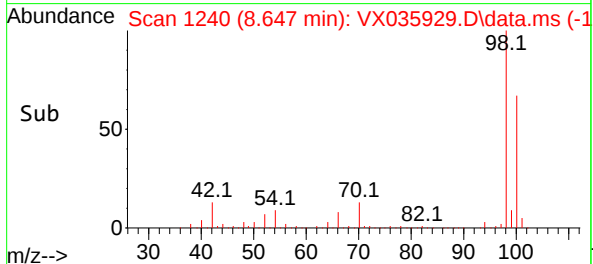
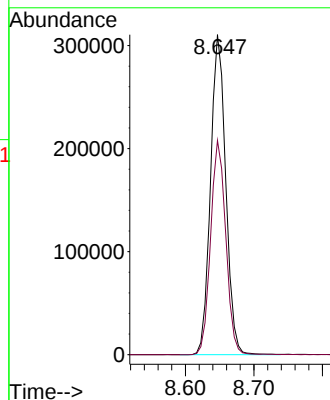
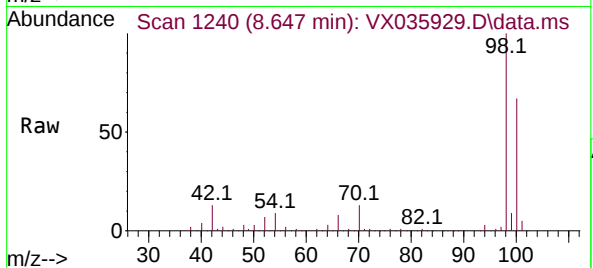
VIBLK

Tgt Ion: 98 Resp: 479604

Ion Ratio Lower Upper

98 100

100 66.8 53.4 80.0



#51

4-Methyl-2-Pentanone

Concen: 0.243 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.001 min

Lab File: VX035929.D

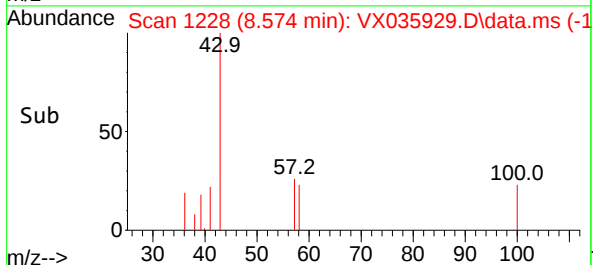
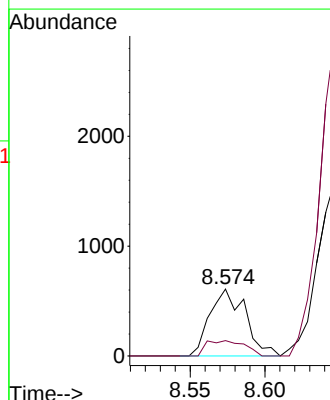
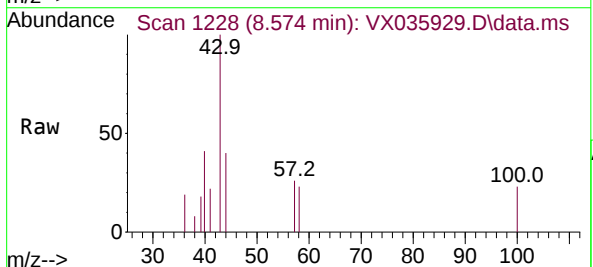
Acq: 31 May 2023 12:23

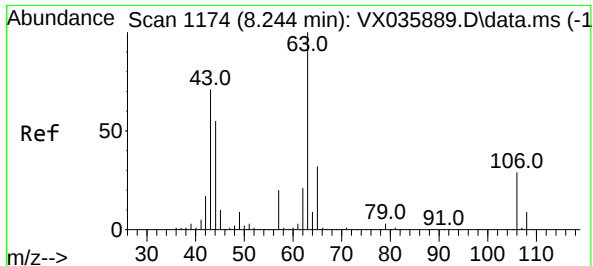
Tgt Ion: 43 Resp: 1009

Ion Ratio Lower Upper

43 100

58 24.9 30.1 45.1#

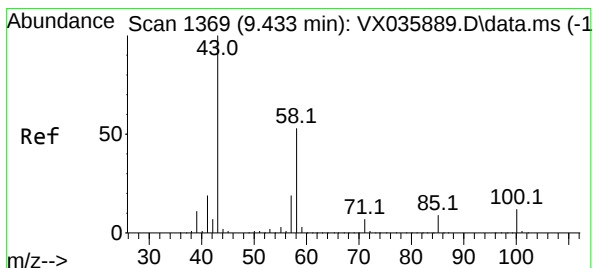
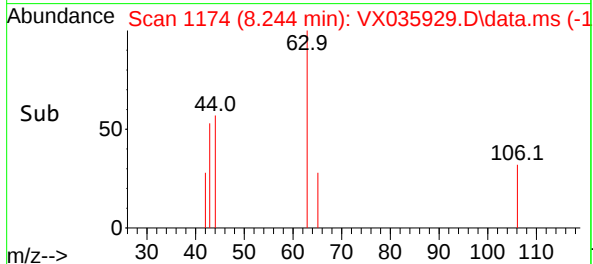
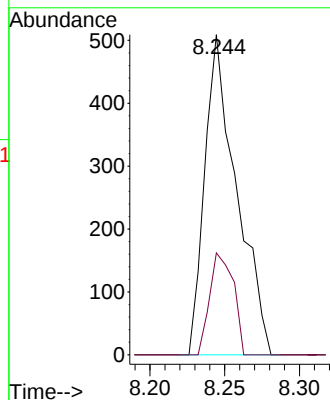
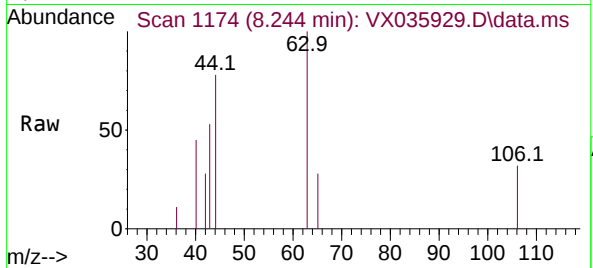




#58
2-Chloroethyl Vinyl ether
Concen: 0.329 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX035929.D
Acq: 31 May 2023 12:23

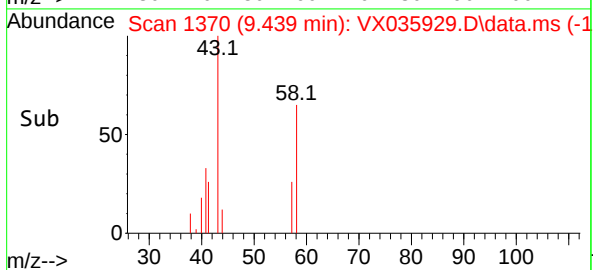
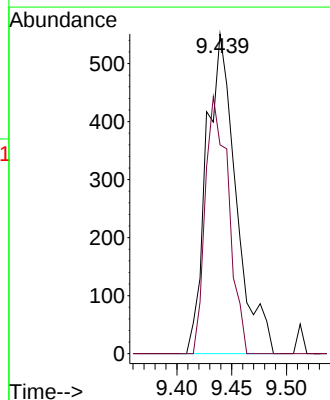
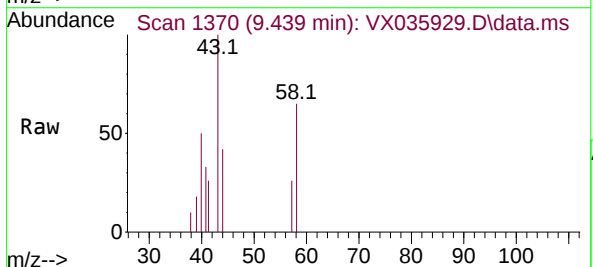
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

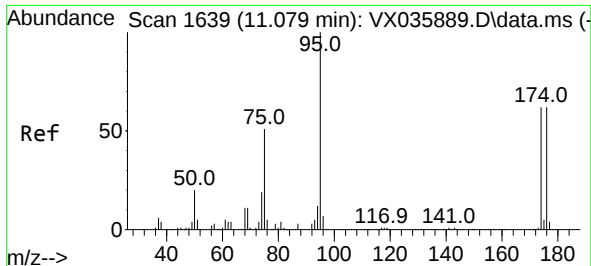
Tgt Ion: 63 Resp: 752
Ion Ratio Lower Upper
63 100
106 23.7 22.3 33.5



#59
2-Hexanone
Concen: 0.338 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VX035929.D
Acq: 31 May 2023 12:23

Tgt Ion: 43 Resp: 1037
Ion Ratio Lower Upper
43 100
58 63.0 26.3 78.8

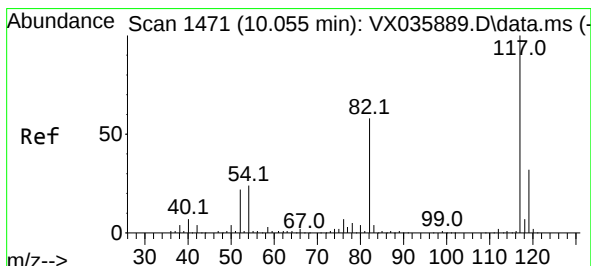
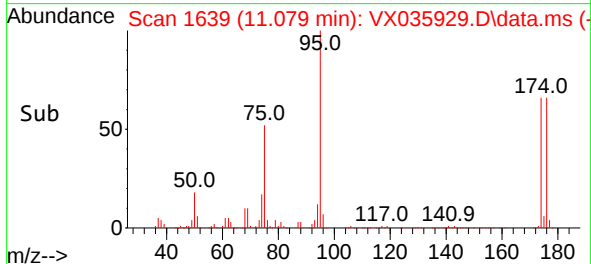
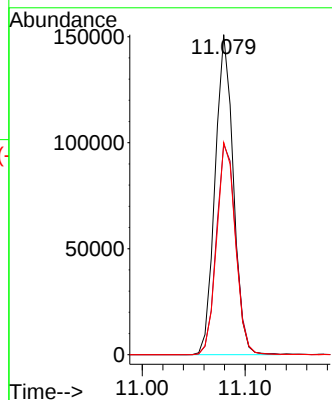
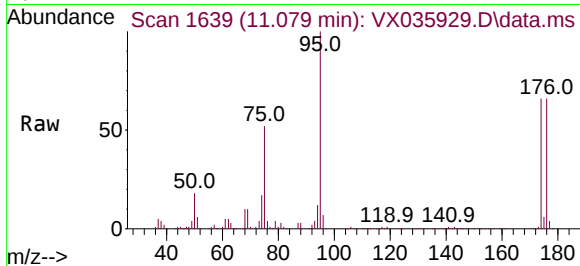




#62
4-Bromofluorobenzene
Concen: 47.141 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035929.D
Acq: 31 May 2023 12:23

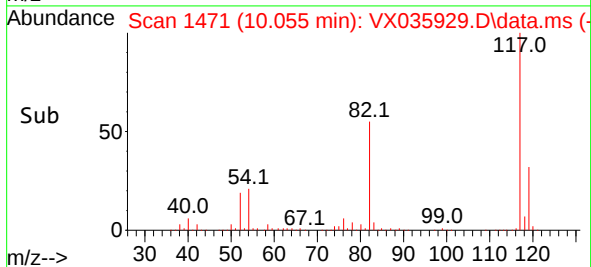
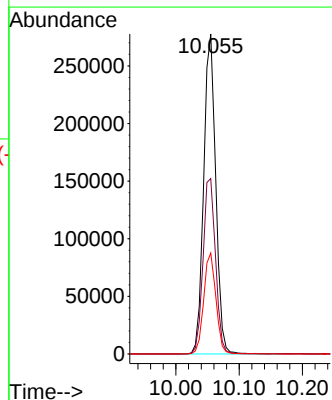
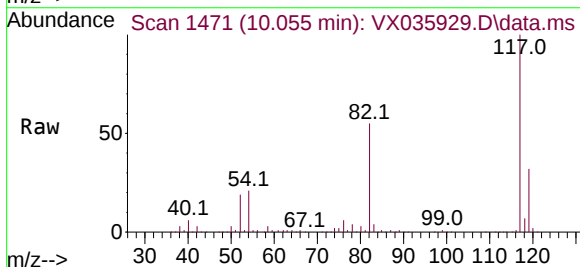
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

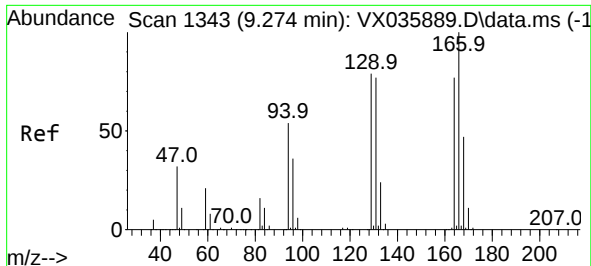
Tgt Ion: 95 Resp: 185743
Ion Ratio Lower Upper
95 100
174 69.6 0.0 132.6
176 68.2 0.0 128.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035929.D
Acq: 31 May 2023 12:23

Tgt Ion: 117 Resp: 368277
Ion Ratio Lower Upper
117 100
82 54.8 46.6 69.8
119 31.6 25.4 38.2





#64

Tetrachloroethene

Concen: 0.316 ug/l

RT: 9.281 min Scan# 1

Delta R.T. 0.007 min

Lab File: VX035929.D

Acq: 31 May 2023 12:23

Instrument :

MSVOA_X

ClientSampleId :

VIBLK

Tgt Ion:164 Resp: 732

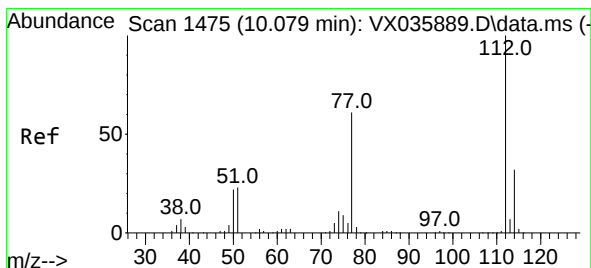
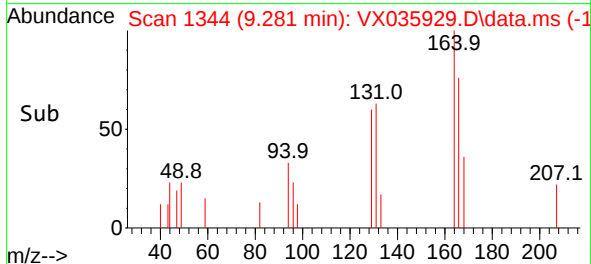
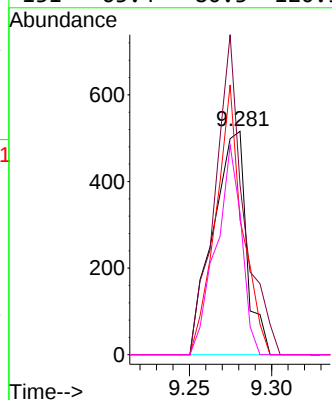
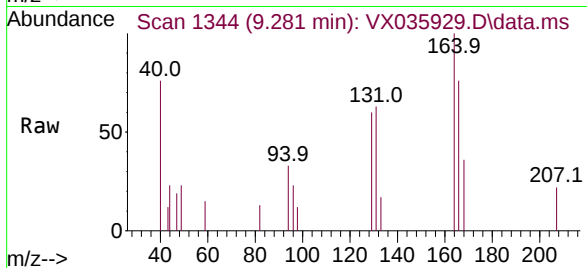
Ion Ratio Lower Upper

164 100

166 76.0 104.4 156.6#

129 60.3 82.0 123.0#

131 63.4 80.3 120.5#



#65

Chlorobenzene

Concen: 0.216 ug/l

RT: 10.086 min Scan# 1476

Delta R.T. 0.007 min

Lab File: VX035929.D

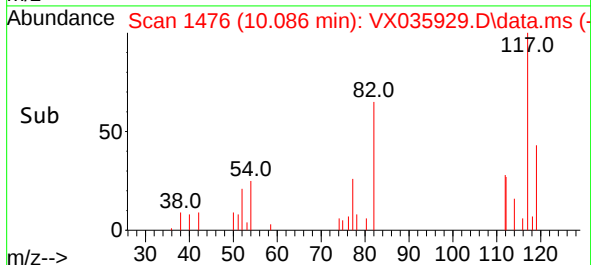
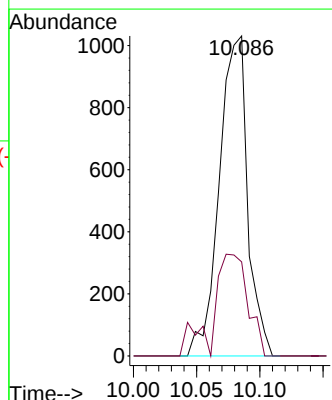
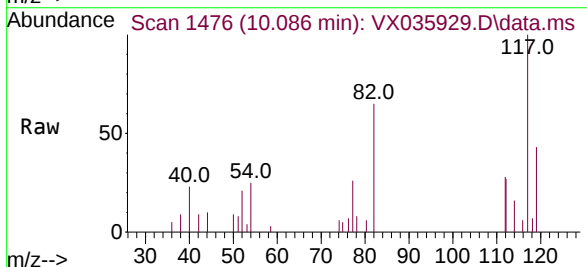
Acq: 31 May 2023 12:23

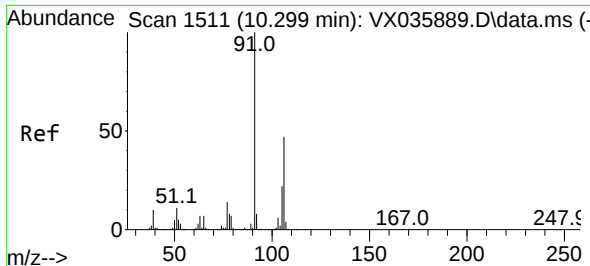
Tgt Ion:112 Resp: 1603

Ion Ratio Lower Upper

112 100

114 29.4 25.8 38.8

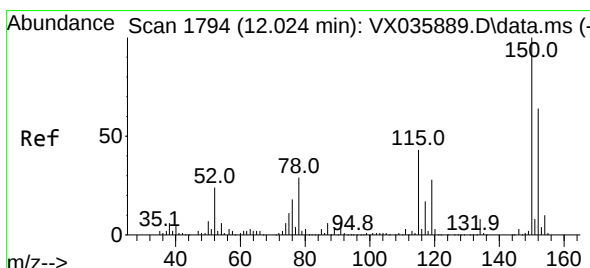
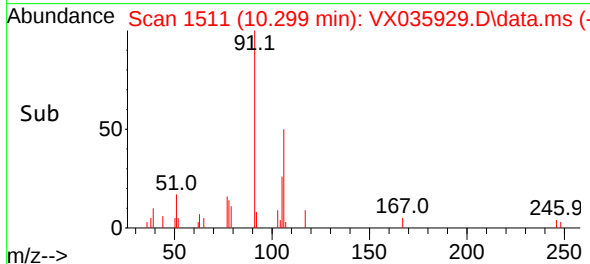
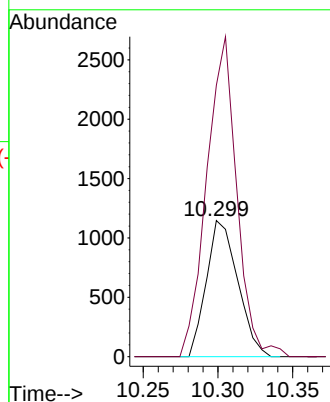
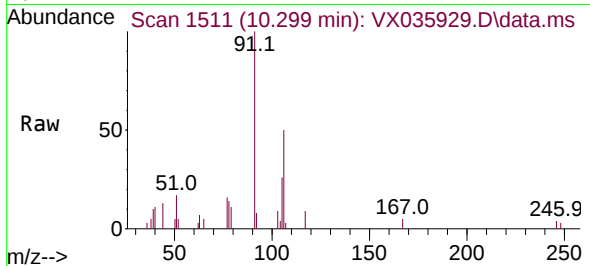




#68
m/p-Xylenes
Concen: 0.334 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX035929.D
Acq: 31 May 2023 12:23

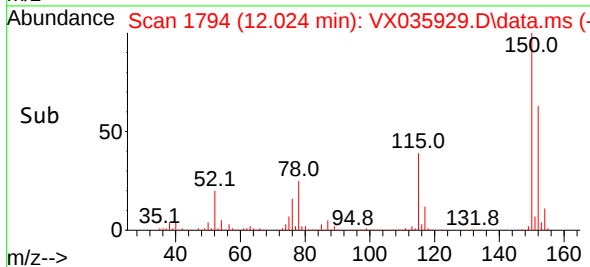
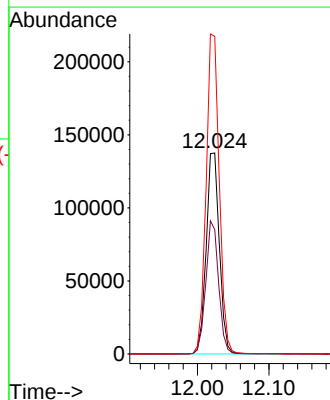
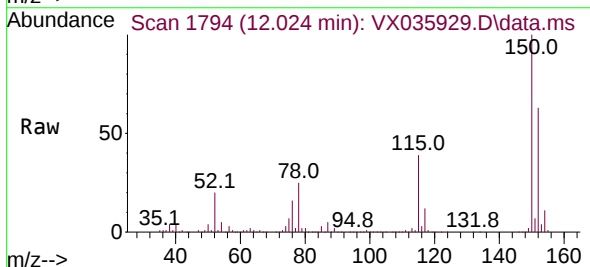
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

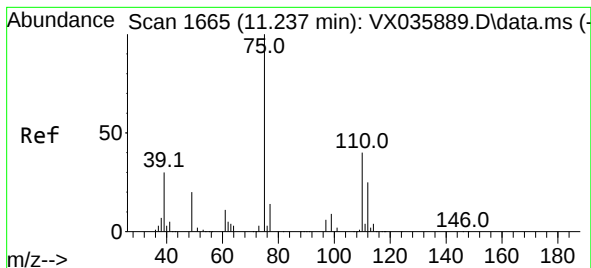
Tgt Ion:106 Resp: 1674
Ion Ratio Lower Upper
106 100
91 225.7 169.8 254.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035929.D
Acq: 31 May 2023 12:23

Tgt Ion:152 Resp: 176585
Ion Ratio Lower Upper
152 100
115 64.2 45.5 136.5
150 158.6 0.0 345.2





#76

1,2,3-Trichloropropane

Concen: 23.864 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX035929.D

Acq: 31 May 2023 12:23

Instrument :

MSVOA_X

ClientSampleId :

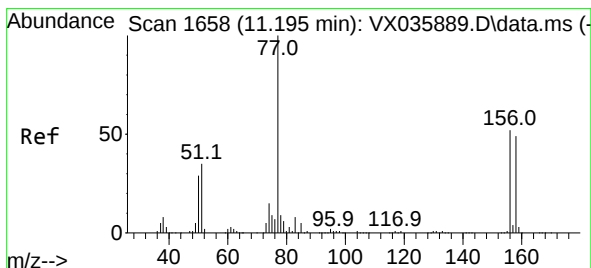
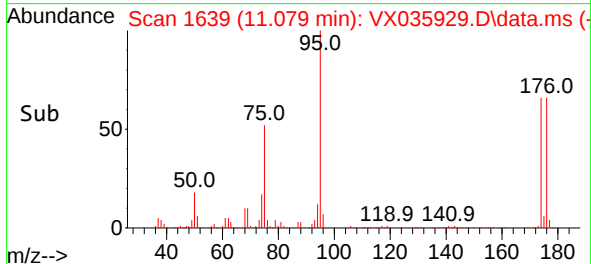
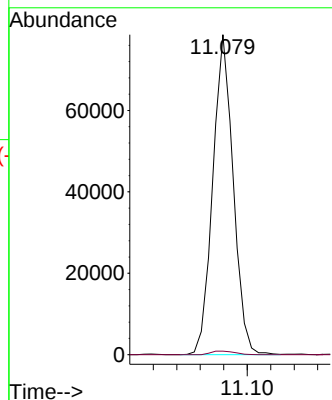
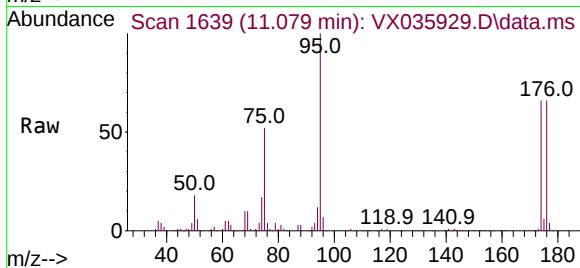
VIBLK

Tgt Ion: 75 Resp: 95046

Ion Ratio Lower Upper

75 100

77 1.3 21.4 64.2#



#77

Bromobenzene

Concen: 0.206 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX035929.D

Acq: 31 May 2023 12:23

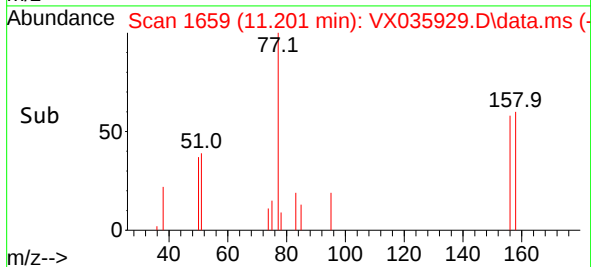
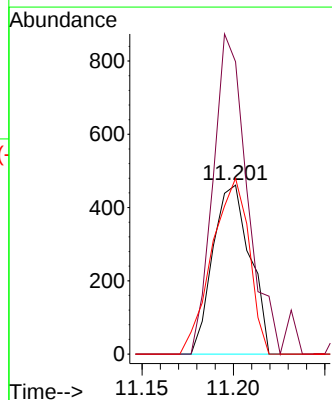
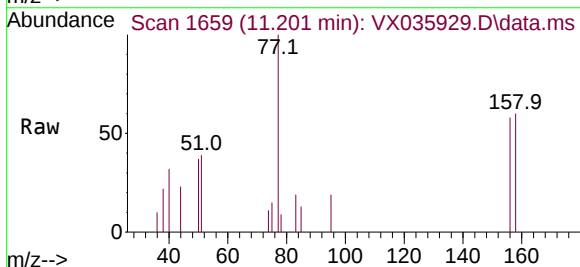
Tgt Ion: 156 Resp: 654

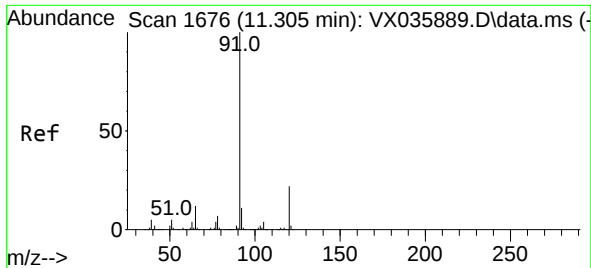
Ion Ratio Lower Upper

156 100

77 179.8 90.8 272.3

158 103.5 47.4 142.3

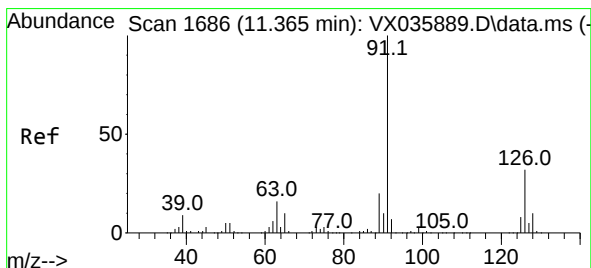
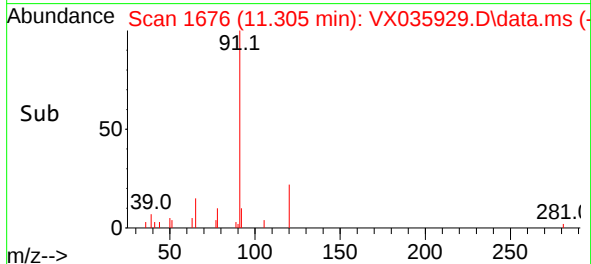
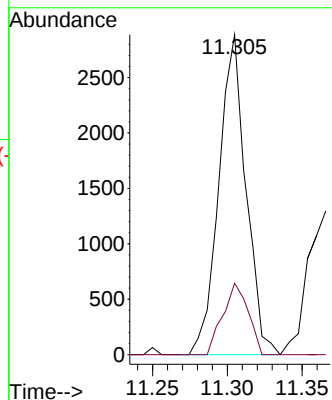
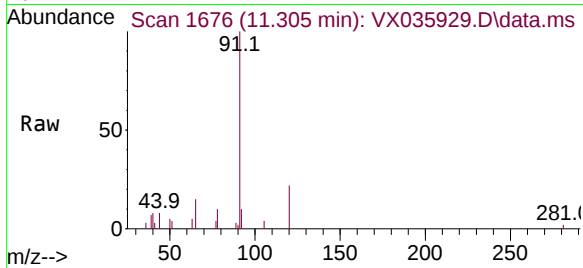




#78
n-propylbenzene
Concen: 0.251 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX035929.D
Acq: 31 May 2023 12:23

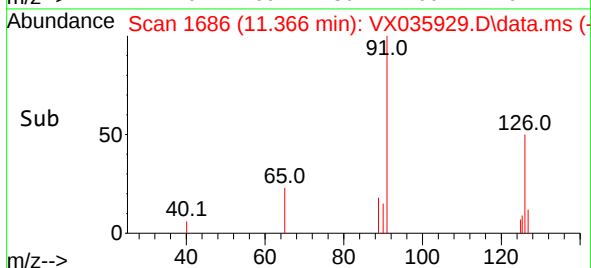
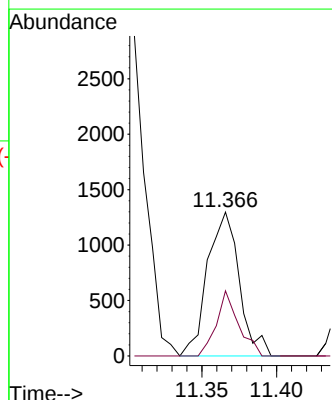
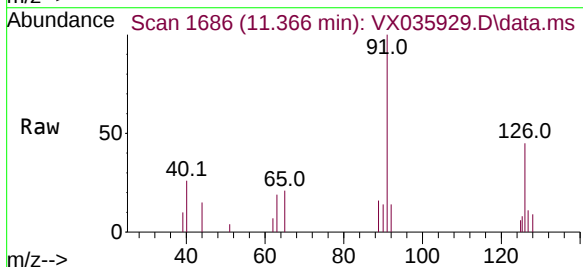
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

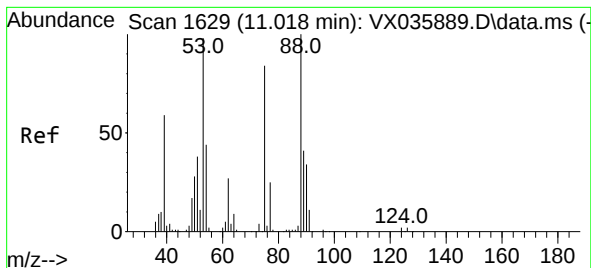
Tgt Ion: 91 Resp: 3640
Ion Ratio Lower Upper
91 100
120 20.8 10.9 32.9



#79
2-Chlorotoluene
Concen: 0.203 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VX035929.D
Acq: 31 May 2023 12:23

Tgt Ion: 91 Resp: 1918
Ion Ratio Lower Upper
91 100
126 31.5 15.8 47.4

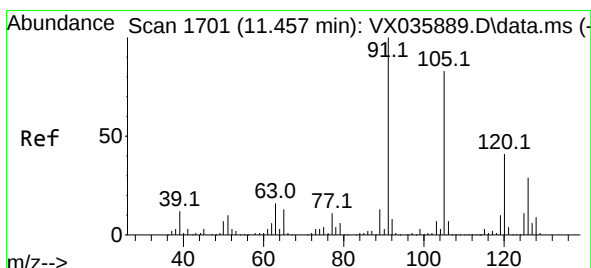
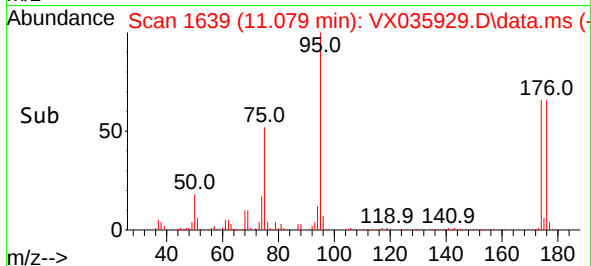
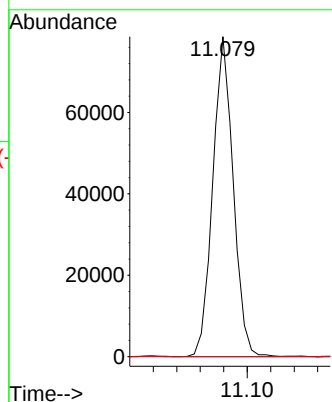
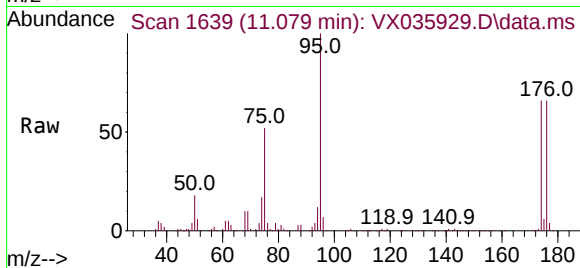




#81
trans-1,4-Dichloro-2-butene
Concen: 80.382 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX035929.D
Acq: 31 May 2023 12:23

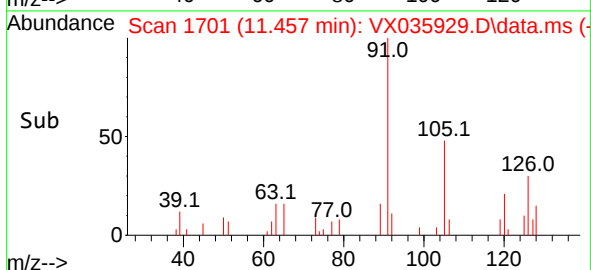
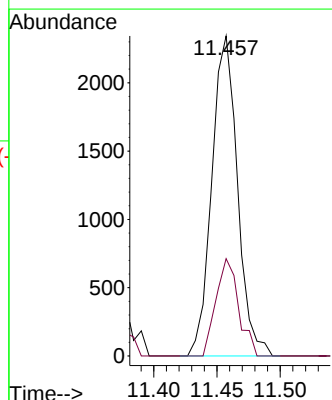
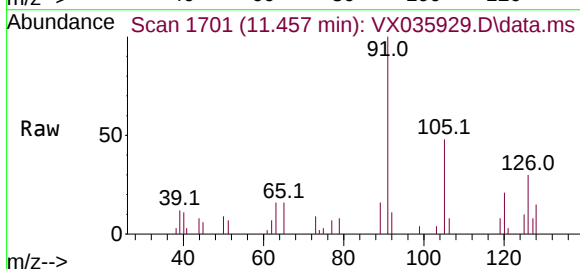
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

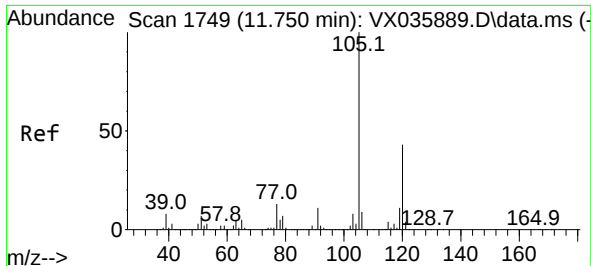
Tgt Ion: 75 Resp: 95046
Ion Ratio Lower Upper
75 100
53 0.0 95.2 142.8#
89 0.0 38.0 57.0#



#82
4-Chlorotoluene
Concen: 0.305 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX035929.D
Acq: 31 May 2023 12:23

Tgt Ion: 91 Resp: 3304
Ion Ratio Lower Upper
91 100
126 26.7 13.7 41.0

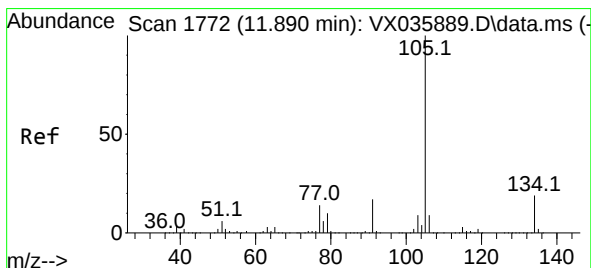
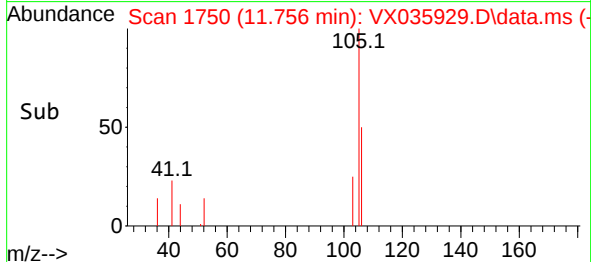
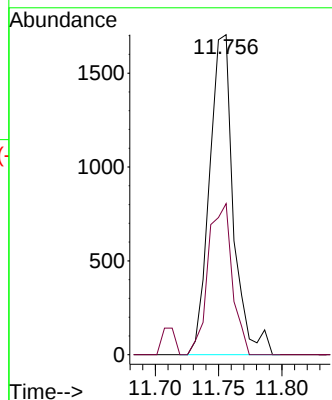
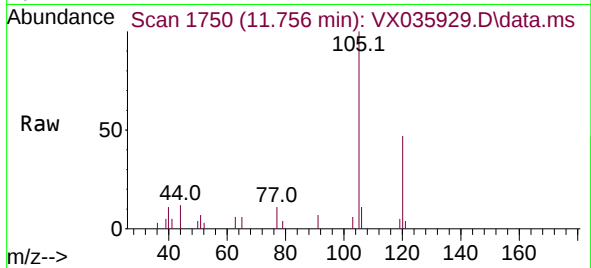




#84
1,2,4-Trimethylbenzene
Concen: 0.202 ug/l
RT: 11.756 min Scan# 11750
Delta R.T. 0.006 min
Lab File: VX035929.D
Acq: 31 May 2023 12:23

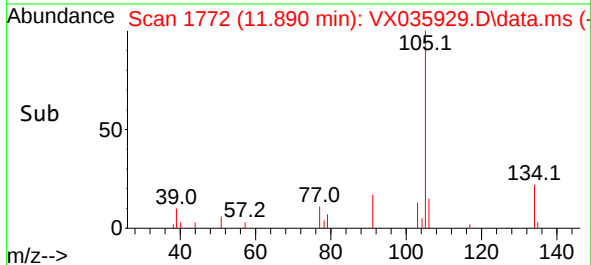
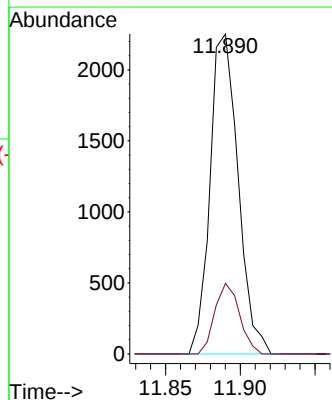
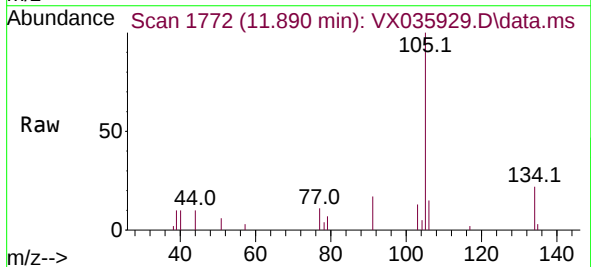
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

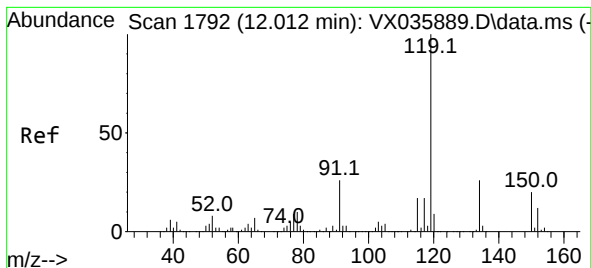
Tgt Ion:105 Resp: 2240
Ion Ratio Lower Upper
105 100
120 47.5 21.6 64.8



#85
sec-Butylbenzene
Concen: 0.240 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX035929.D
Acq: 31 May 2023 12:23

Tgt Ion:105 Resp: 2943
Ion Ratio Lower Upper
105 100
134 19.4 9.7 28.9





#86

p-Isopropyltoluene

Concen: 0.281 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VX035929.D

Acq: 31 May 2023 12:23

Instrument :

MSVOA_X

ClientSampleId :

VIBLK

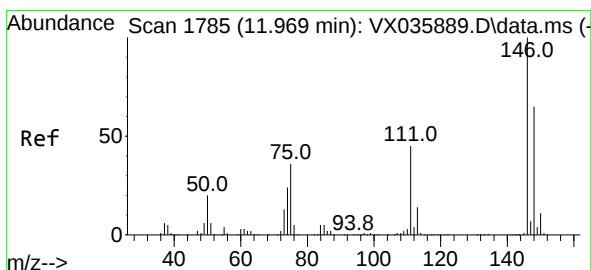
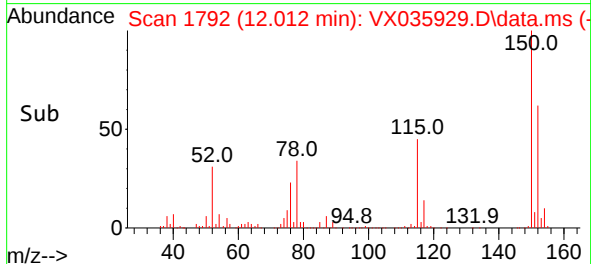
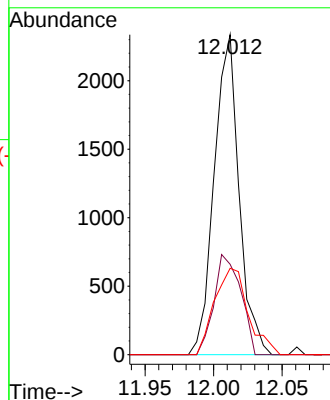
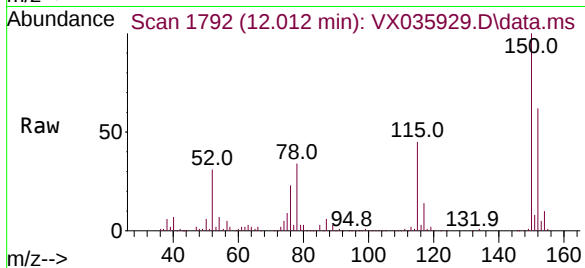
Tgt Ion:119 Resp: 2945

Ion Ratio Lower Upper

119 100

134 33.6 12.7 38.1

91 36.6 13.5 40.5



#87

1,3-Dichlorobenzene

Concen: 0.403 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035929.D

Acq: 31 May 2023 12:23

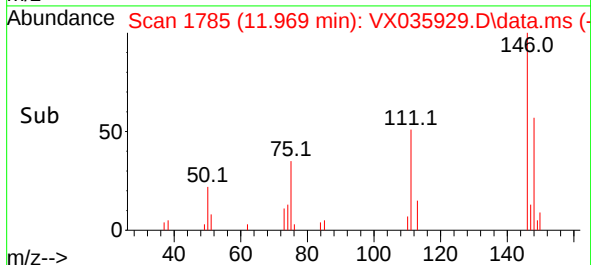
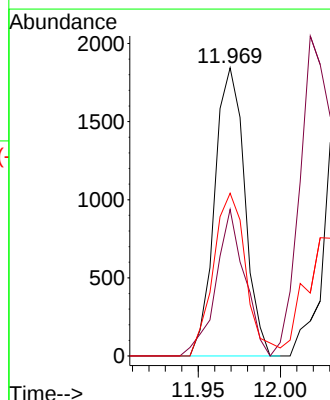
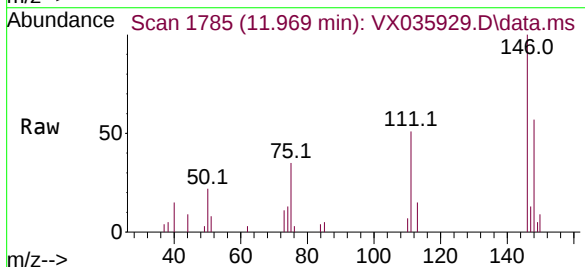
Tgt Ion:146 Resp: 2342

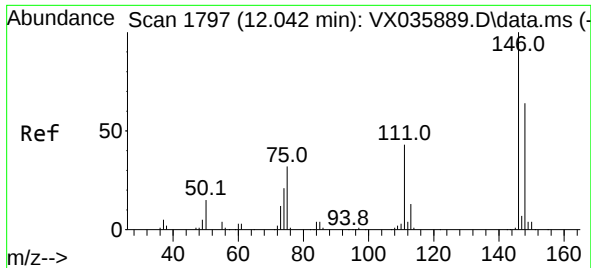
Ion Ratio Lower Upper

146 100

111 48.7 22.6 67.7

148 61.9 31.9 95.7

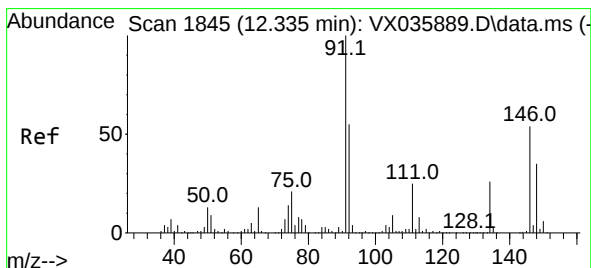
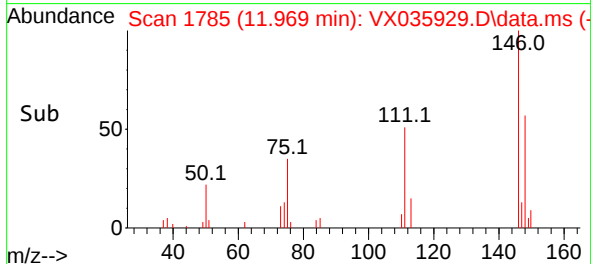
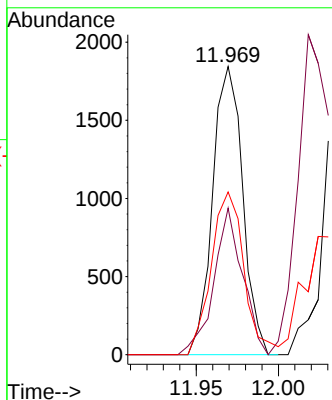
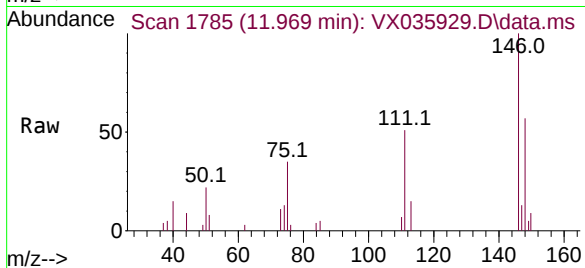




#88
1,4-Dichlorobenzene
Concen: 0.382 ug/l
RT: 11.969 min Scan# 11
Delta R.T. -0.073 min
Lab File: VX035929.D
Acq: 31 May 2023 12:23

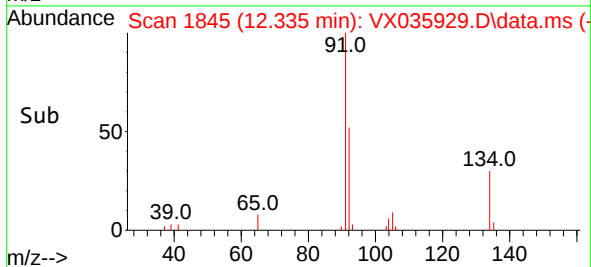
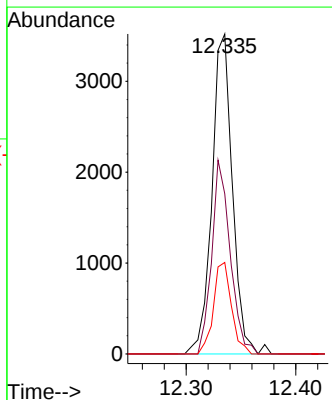
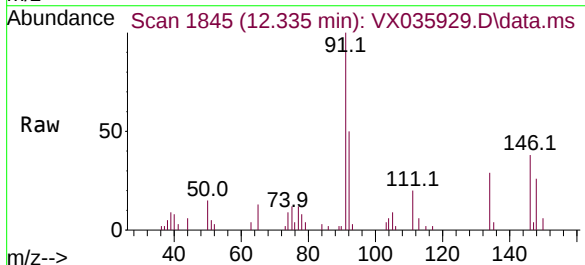
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

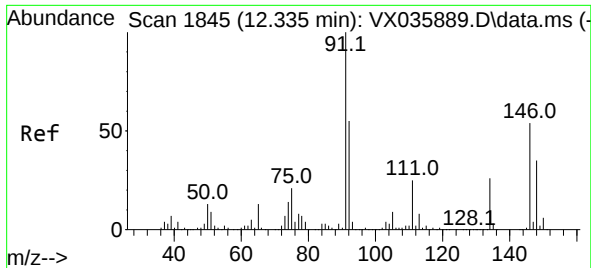
Tgt Ion:146 Resp: 2342
Ion Ratio Lower Upper
146 100
111 48.7 21.8 65.3
148 61.9 31.9 95.7



#89
n-Butylbenzene
Concen: 0.516 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035929.D
Acq: 31 May 2023 12:23

Tgt Ion: 91 Resp: 4569
Ion Ratio Lower Upper
91 100
92 54.6 27.3 81.8
134 25.2 12.4 37.0

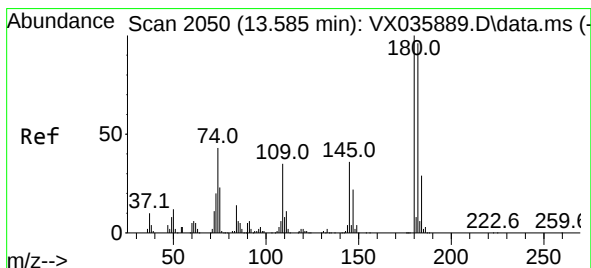
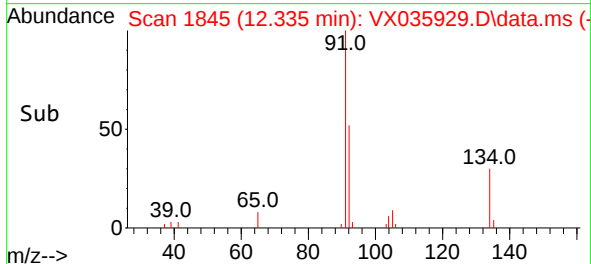
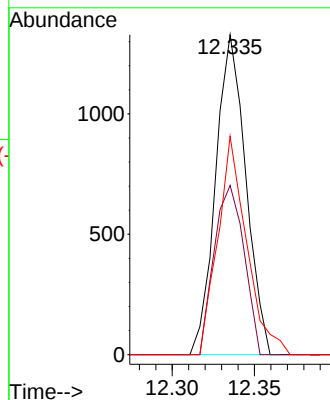
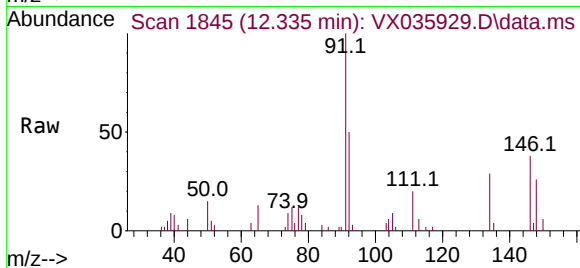




#91
1,2-Dichlorobenzene
Concen: 0.293 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035929.D
Acq: 31 May 2023 12:23

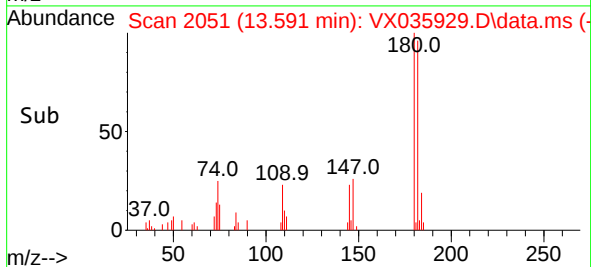
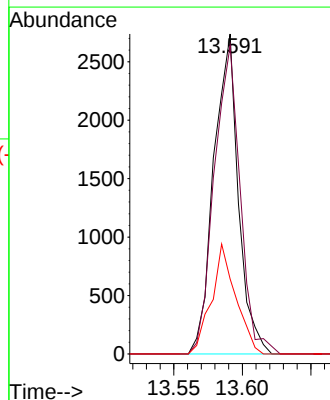
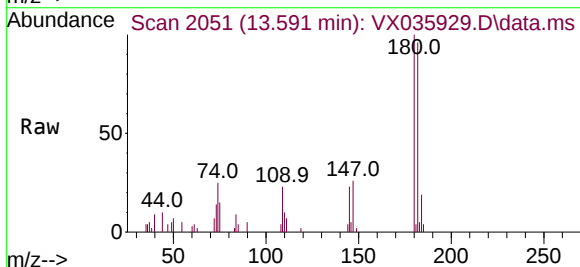
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

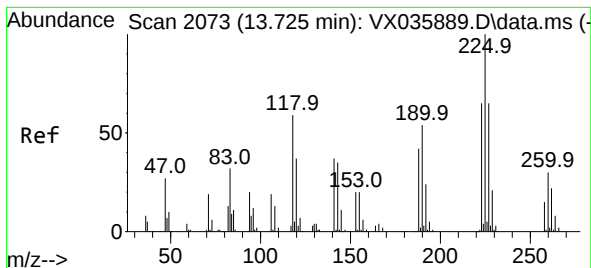
Tgt Ion:146 Resp: 1694
Ion Ratio Lower Upper
146 100
111 52.2 23.3 69.9
148 65.4 31.9 95.7



#93
1,2,4-Trichlorobenzene
Concen: 1.011 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX035929.D
Acq: 31 May 2023 12:23

Tgt Ion:180 Resp: 3404
Ion Ratio Lower Upper
180 100
182 101.4 47.3 141.8
145 34.1 17.3 51.9





#94

Hexachlorobutadiene

Concen: 3.489 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX035929.D

Acq: 31 May 2023 12:23

Instrument :

MSVOA_X

ClientSampleId :

VIBLK

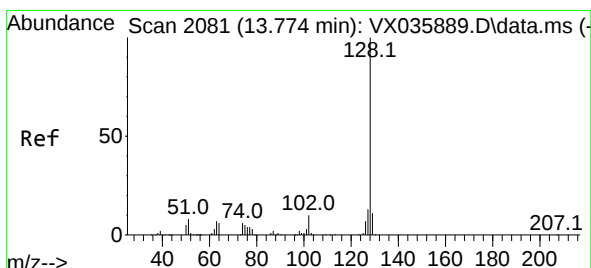
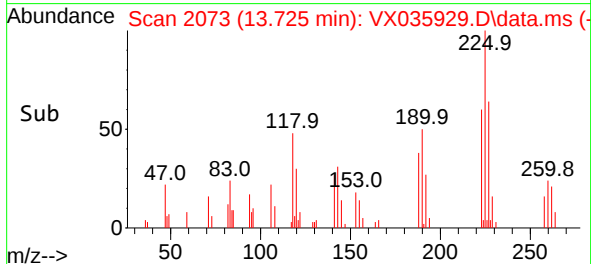
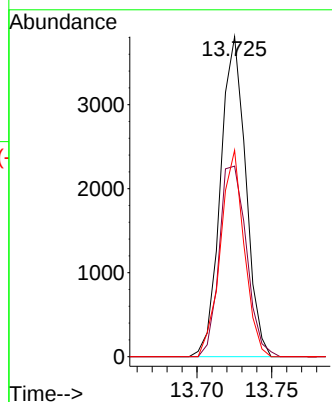
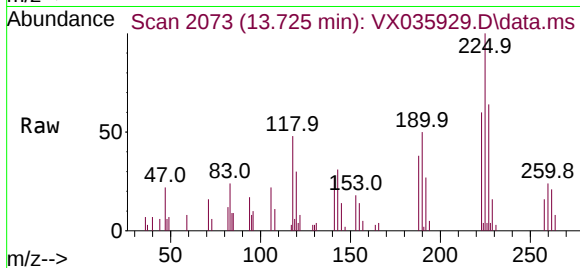
Tgt Ion:225 Resp: 4470

Ion Ratio Lower Upper

225 100

223 64.5 32.6 97.7

227 60.6 31.9 95.7



#95

Naphthalene

Concen: 0.978 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX035929.D

Acq: 31 May 2023 12:23

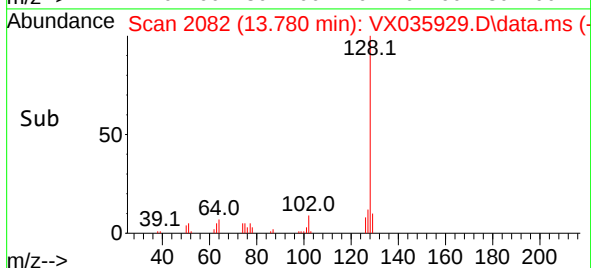
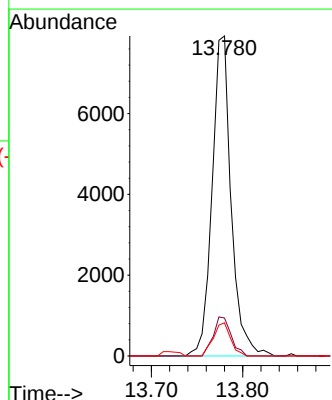
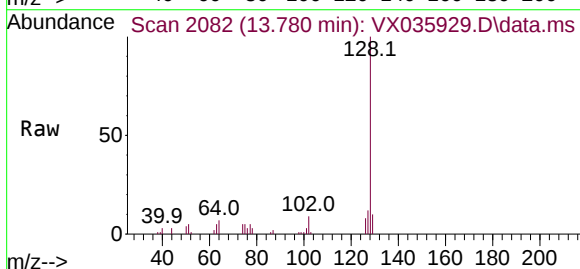
Tgt Ion:128 Resp: 11457

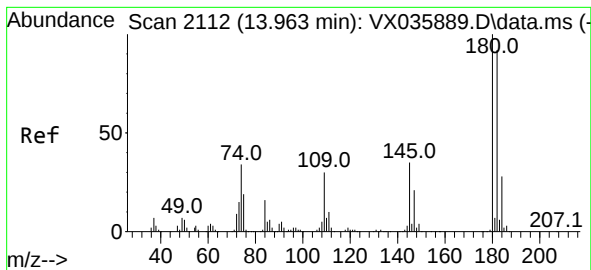
Ion Ratio Lower Upper

128 100

127 11.4 10.3 15.5

129 9.4 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 1.100 ug/l
 RT: 13.957 min Scan# 2111
 Delta R.T. -0.006 min
 Lab File: VX035929.D
 Acq: 31 May 2023 12:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK

Tgt Ion:180 Resp: 3653
 Ion Ratio Lower Upper
 180 100
 182 102.7 46.9 140.7
 145 36.7 18.1 54.3

