

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052722\
 Data File : VX029036.D
 Acq On : 27 May 2022 19:54
 Operator : JC/MD
 Sample : N3087-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-08

Quant Time: May 27 22:12:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

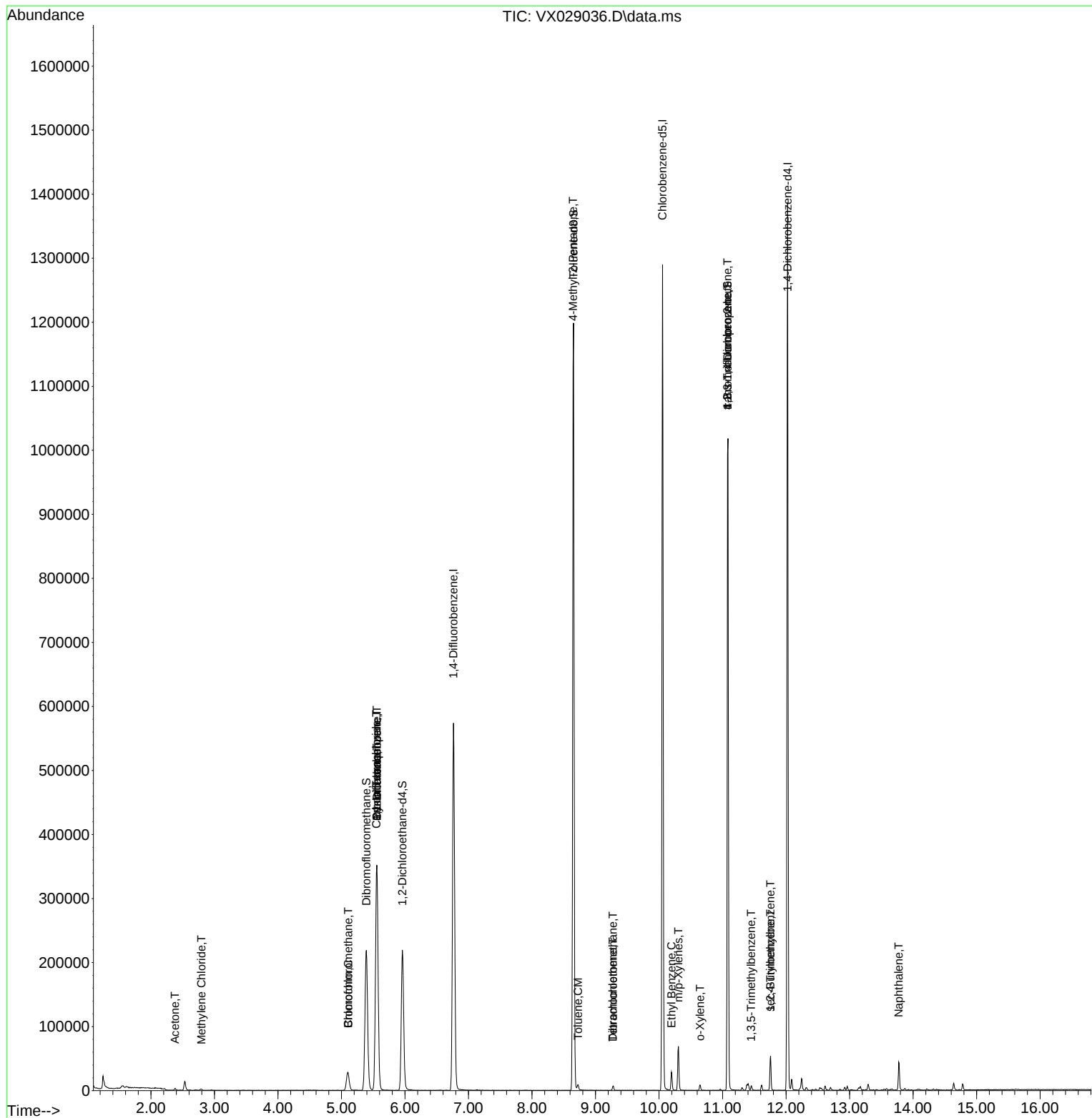
Internal Standards						
1) Pentafluorobenzene	5.556	168	345599	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	611999	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	592346	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	285922	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	212852	44.931	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	89.860%		
35) Dibromofluoromethane	5.391	113	197270	49.198	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.400%		
50) Toluene-d8	8.653	98	725669	48.002	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.000%		
62) 4-Bromofluorobenzene	11.079	95	289801	51.324	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	102.640%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	940	Below Cal	#	80
6) Chloroethane	1.733	64	279	Below Cal	#	47
11) Tert butyl alcohol	2.953	59	255	Below Cal	#	72
16) Acetone	2.380	43	2963	1.457	ug/l	94
20) Methylene Chloride	2.794	84	931	0.218	ug/l #	82
28) Bromochloromethane	5.105	49	2557	0.852	ug/l #	7
30) Chloroform	5.105	83	36460	4.727	ug/l	95
31) Cyclohexane	5.556	56	6236	0.948	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	25298	4.201	ug/l #	50
38) Carbon Tetrachloride	5.550	117	34998	5.774	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	2587	0.399	ug/l #	1
52) Toluene	8.726	92	3378	0.303	ug/l	94
60) Dibromochloromethane	9.275	129	1199	0.271	ug/l #	9
64) Tetrachloroethene	9.275	164	1070	0.239	ug/l #	89
67) Ethyl Benzene	10.195	91	16975	0.754	ug/l	99
68) m/p-Xylenes	10.305	106	17387	1.983	ug/l	96
69) o-Xylene	10.646	106	2061	0.239	ug/l	91
76) 1,2,3-Trichloropropane	11.079	75	140240	20.944	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.451	105	3659	0.203	ug/l	87
81) trans-1,4-Dichloro-2-b...	11.079	75	140240	61.514	ug/l #	15
84) 1,2,4-Trimethylbenzene	11.756	105	24996	1.380	ug/l	100
85) sec-Butylbenzene	11.756	105	24996	1.158	ug/l #	56
95) Naphthalene	13.774	128	31661	1.558	ug/l	99

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

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Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
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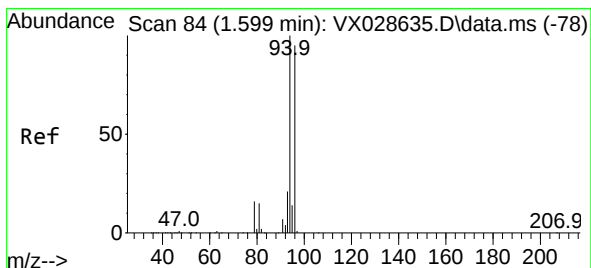
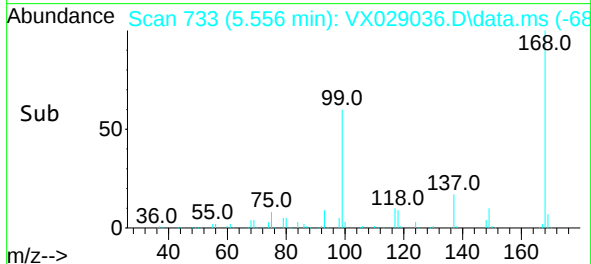
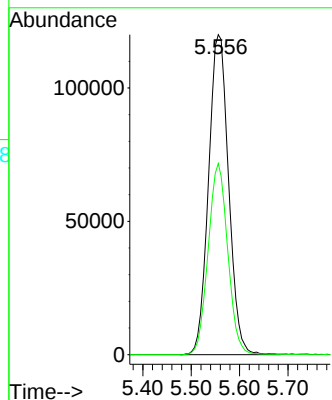
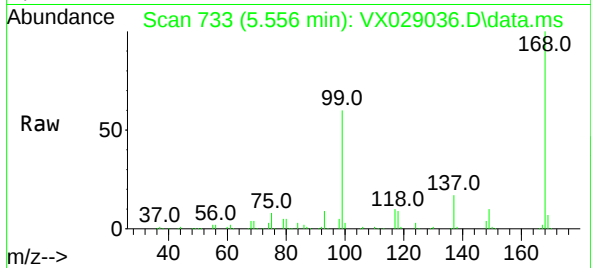




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX029036.D
Acq: 27 May 2022 19:54

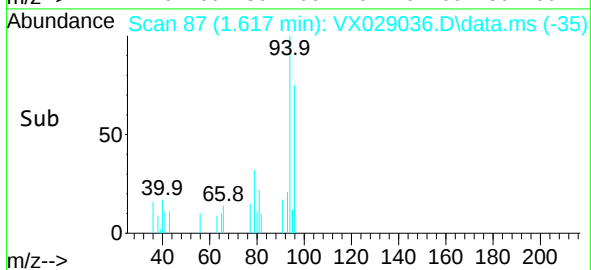
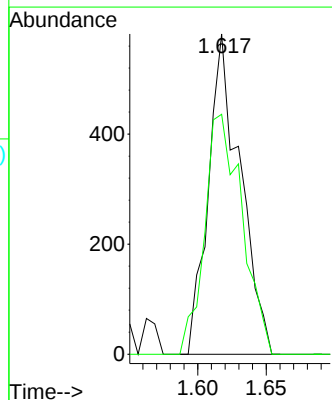
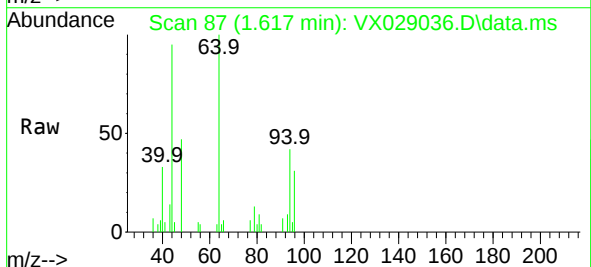
Instrument :
MSVOA_X
ClientSampleId :
MW-08

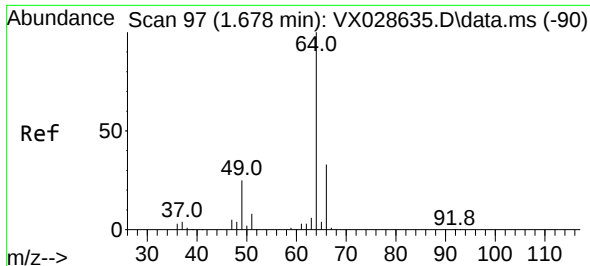
Tgt Ion:168 Resp: 345599
Ion Ratio Lower Upper
168 100
99 59.8 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX029036.D
Acq: 27 May 2022 19:54

Tgt Ion: 94 Resp: 940
Ion Ratio Lower Upper
94 100
96 74.9 75.3 112.9#

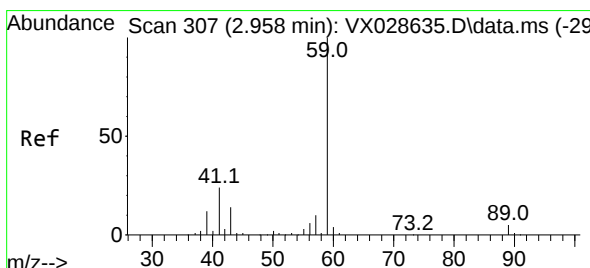
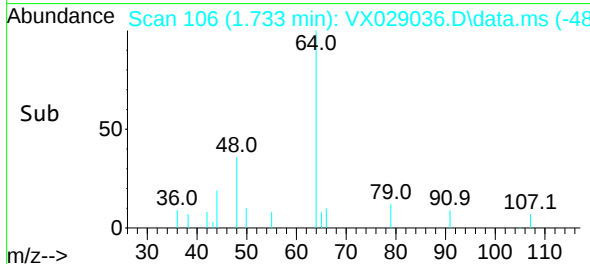
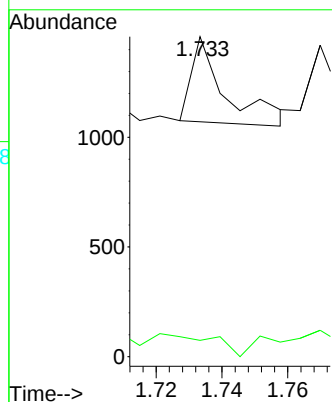
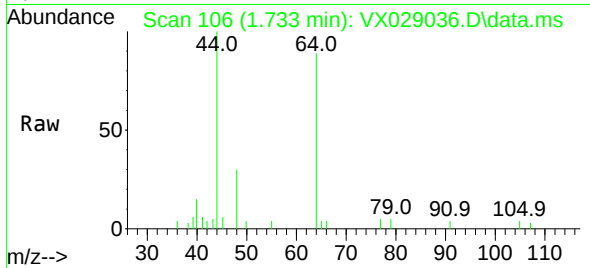




#6
Chloroethane
Concen: Below Cal
RT: 1.733 min Scan# 106
Delta R.T. 0.055 min
Lab File: VX029036.D
Acq: 27 May 2022 19:54

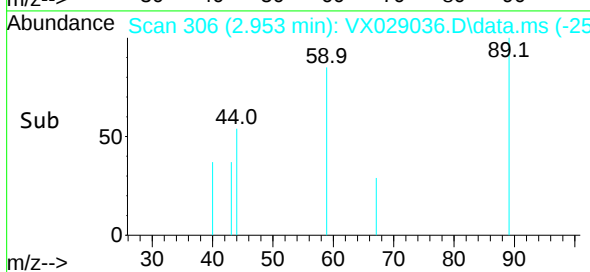
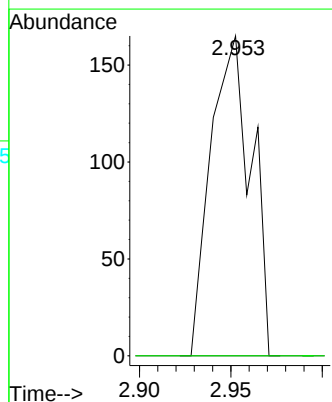
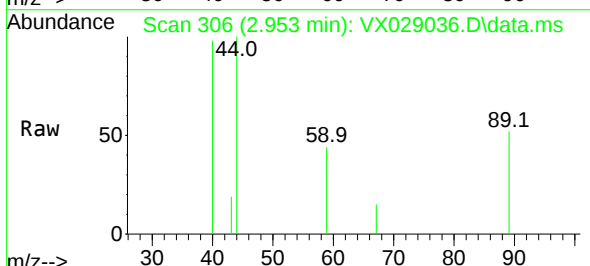
Instrument :
MSVOA_X
ClientSampleId :
MW-08

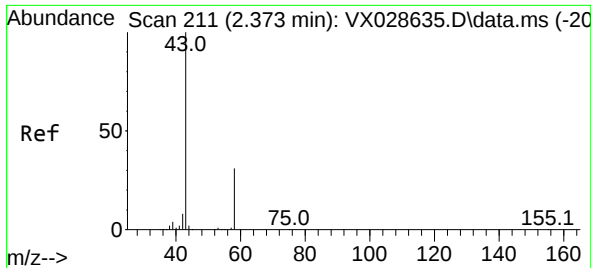
Tgt Ion: 64 Resp: 279
Ion Ratio Lower Upper
64 100
66 2.1 25.3 37.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.005 min
Lab File: VX029036.D
Acq: 27 May 2022 19:54

Tgt Ion: 59 Resp: 255
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

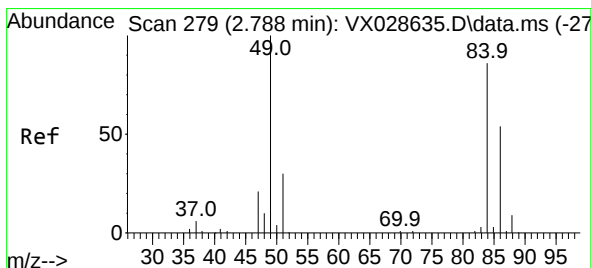
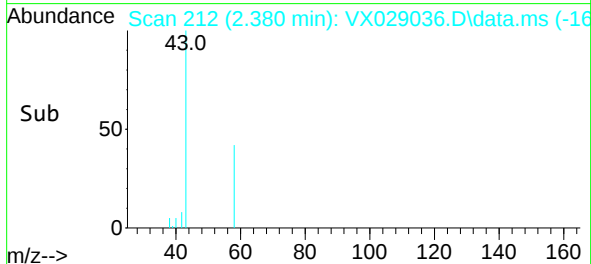
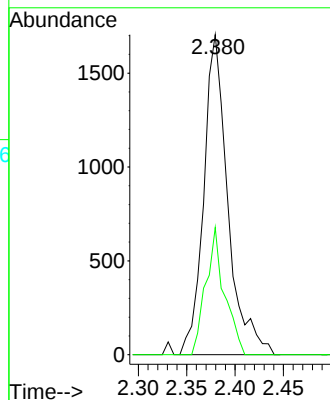
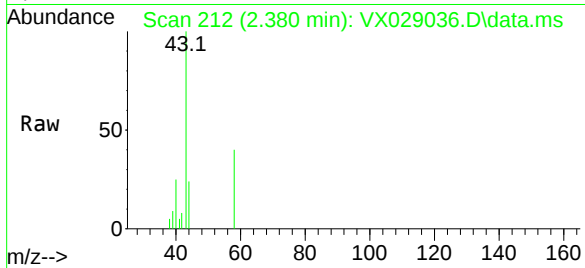




#16
Acetone
Concen: 1.457 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX029036.D
Acq: 27 May 2022 19:54

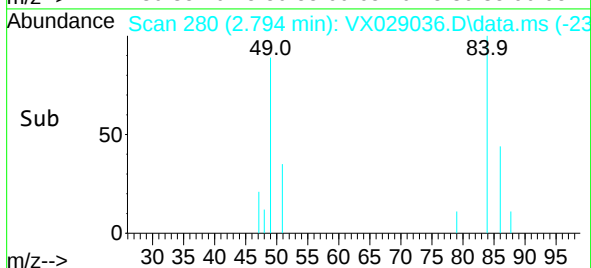
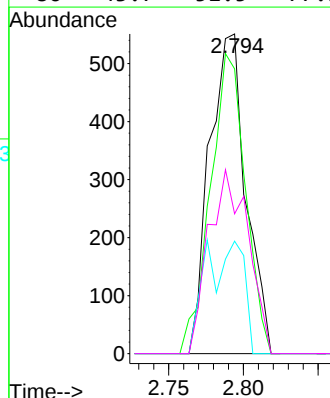
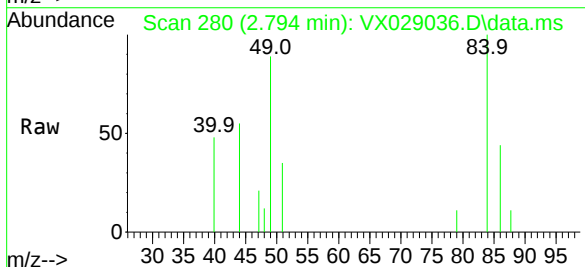
Instrument :
MSVOA_X
ClientSampleId :
MW-08

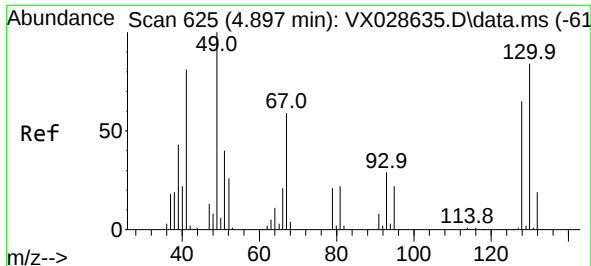
Tgt Ion: 43 Resp: 2963
Ion Ratio Lower Upper
43 100
58 39.8 28.8 43.2



#20
Methylene Chloride
Concen: 0.218 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX029036.D
Acq: 27 May 2022 19:54

Tgt Ion: 84 Resp: 931
Ion Ratio Lower Upper
84 100
49 89.1 85.5 128.3
51 35.2 26.6 39.8
86 43.7 51.5 77.3#

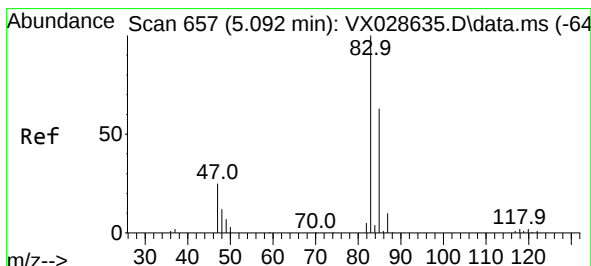
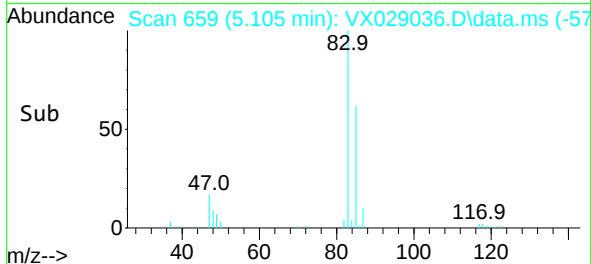
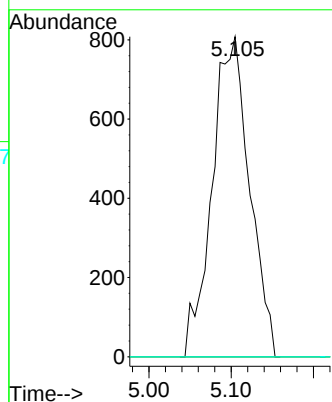
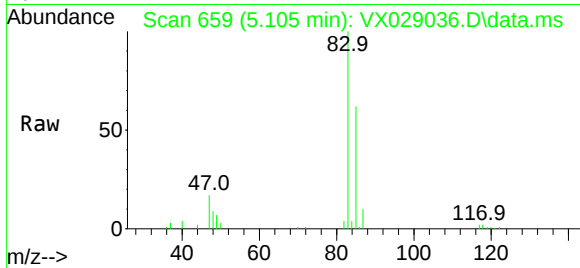




#28
Bromochloromethane
Concen: 0.852 ug/l
RT: 5.105 min Scan# 61
Delta R.T. 0.208 min
Lab File: VX029036.D
Acq: 27 May 2022 19:54

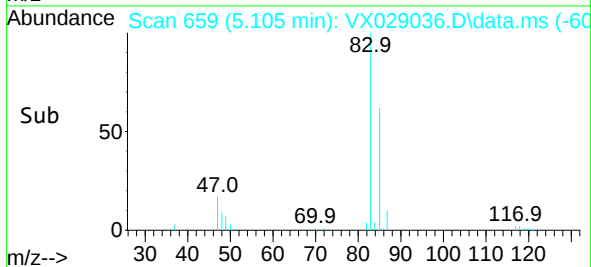
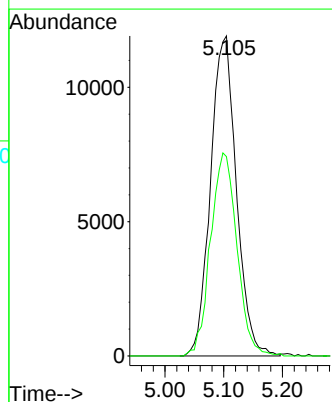
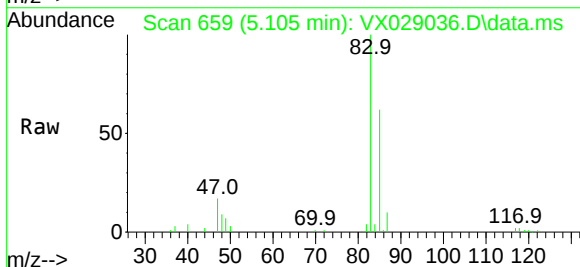
Instrument :
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ClientSampleId :
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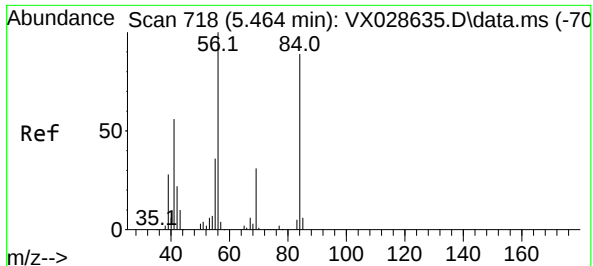
Tgt Ion: 49 Resp: 2557
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.4
130 0.0 70.7 106.1#



#30
Chloroform
Concen: 4.727 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.013 min
Lab File: VX029036.D
Acq: 27 May 2022 19:54

Tgt Ion: 83 Resp: 36460
Ion Ratio Lower Upper
83 100
85 62.3 52.7 79.1

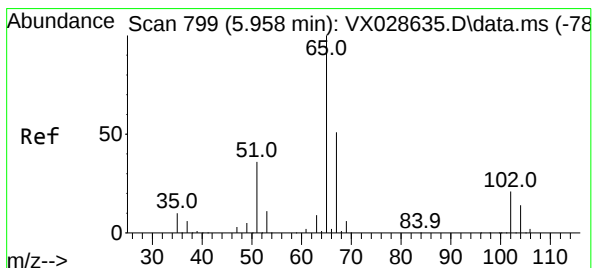
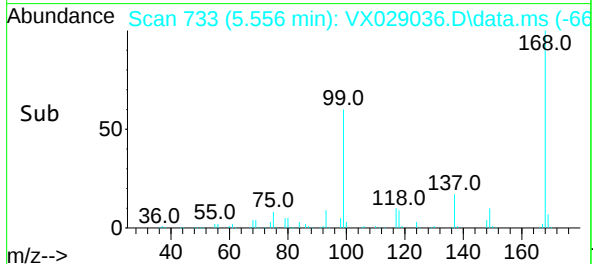
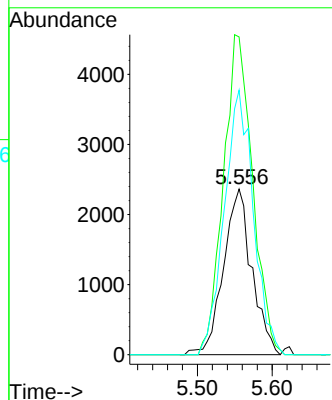
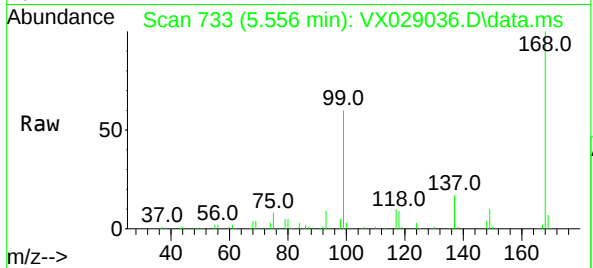




#31
Cyclohexane
Concen: 0.948 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.092 min
Lab File: VX029036.D
Acq: 27 May 2022 19:54

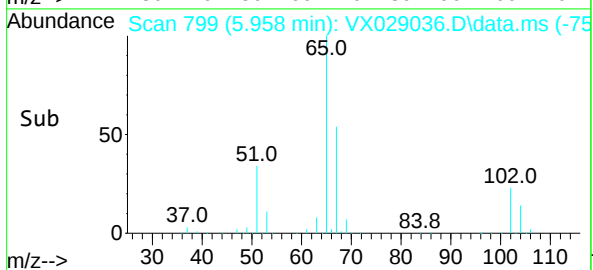
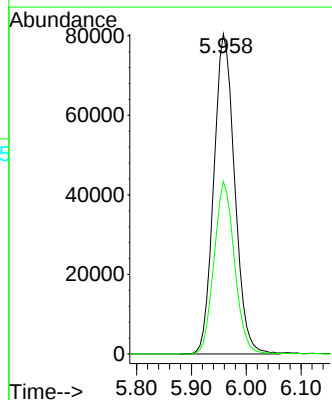
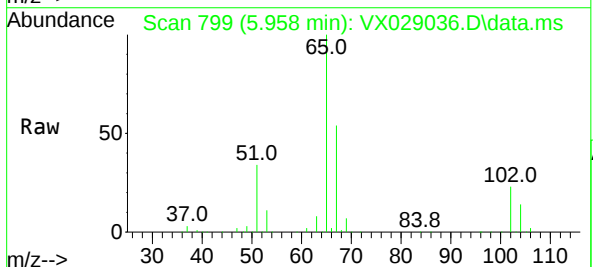
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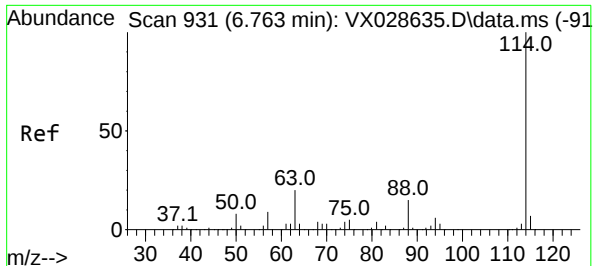
Tgt Ion: 56 Resp: 6236
Ion Ratio Lower Upper
56 100
69 192.0 26.7 40.1#
84 159.8 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 44.931 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029036.D
Acq: 27 May 2022 19:54

Tgt Ion: 65 Resp: 212852
Ion Ratio Lower Upper
65 100
67 52.8 0.0 107.4

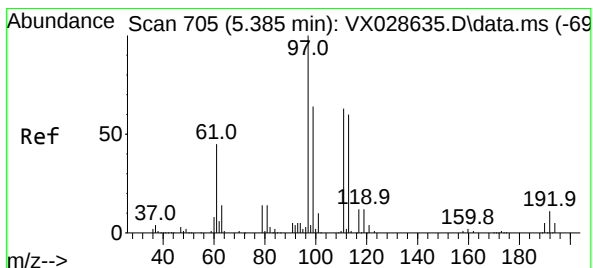
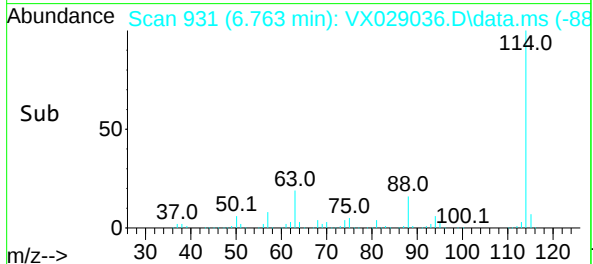
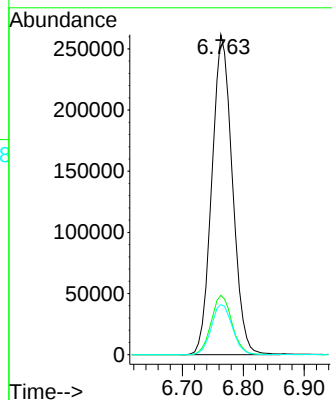
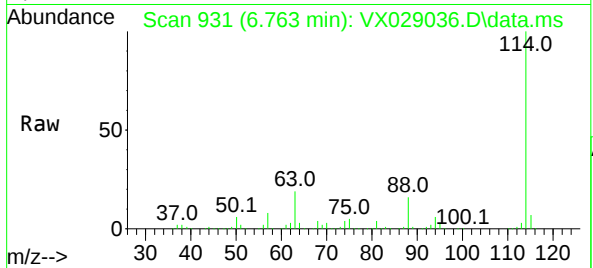




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX029036.D
Acq: 27 May 2022 19:54

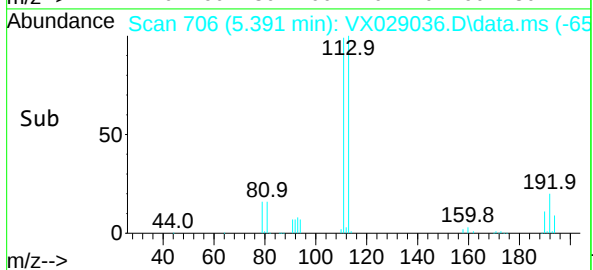
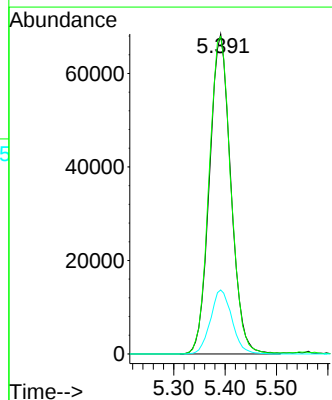
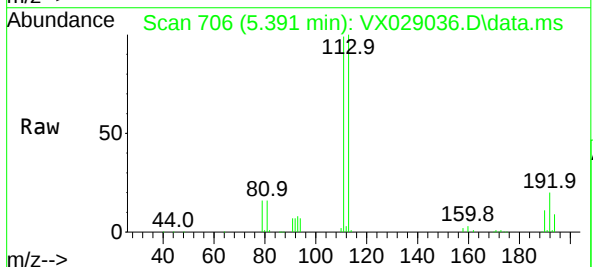
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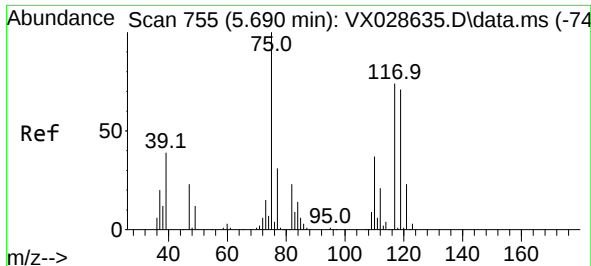
Tgt Ion:114 Resp: 611999
Ion Ratio Lower Upper
114 100
63 18.6 0.0 36.8
88 15.6 0.0 32.4



#35
Dibromofluoromethane
Concen: 49.198 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX029036.D
Acq: 27 May 2022 19:54

Tgt Ion:113 Resp: 197270
Ion Ratio Lower Upper
113 100
111 101.3 82.8 124.2
192 20.1 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.201 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.134 min

Lab File: VX029036.D

Acq: 27 May 2022 19:54

Instrument :

MSVOA_X

ClientSampleId :

MW-08

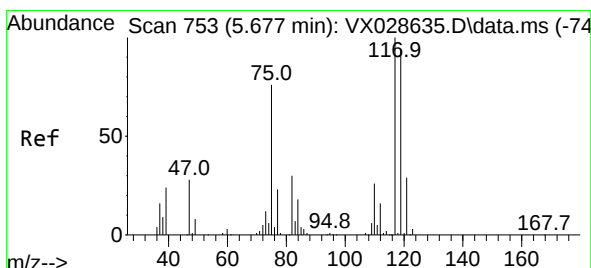
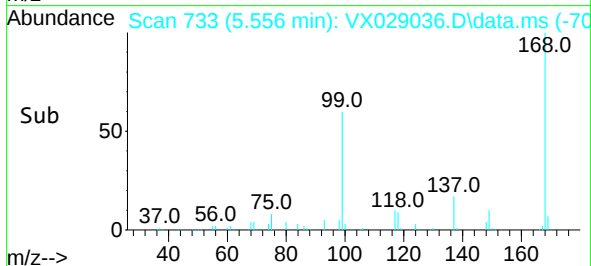
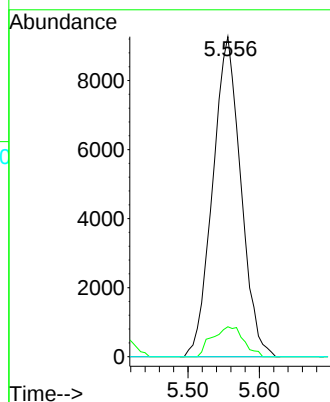
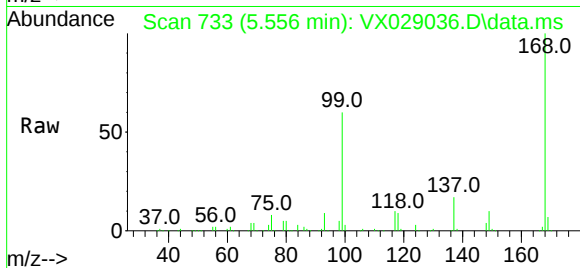
Tgt Ion: 75 Resp: 25298

Ion Ratio Lower Upper

75 100

110 10.5 18.3 54.8#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 5.774 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.127 min

Lab File: VX029036.D

Acq: 27 May 2022 19:54

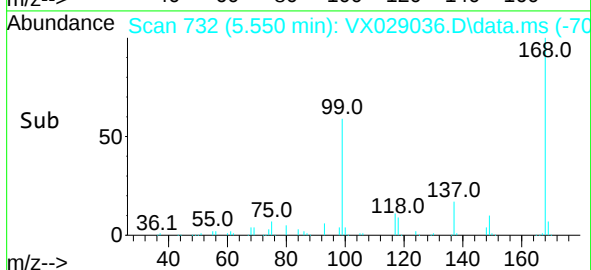
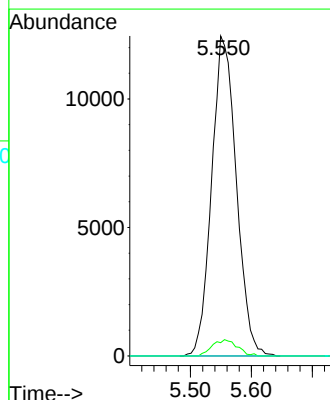
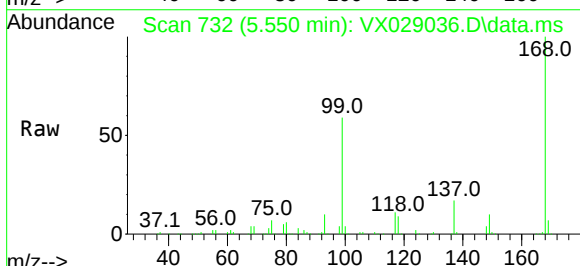
Tgt Ion: 117 Resp: 34998

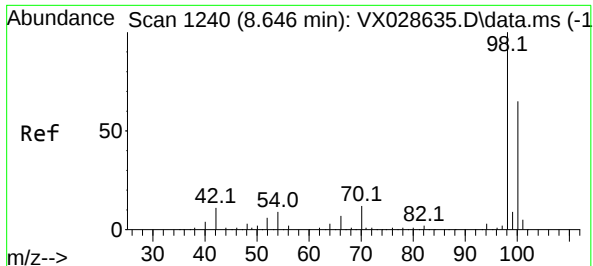
Ion Ratio Lower Upper

117 100

119 4.2 77.3 115.9#

121 0.0 24.2 36.2#

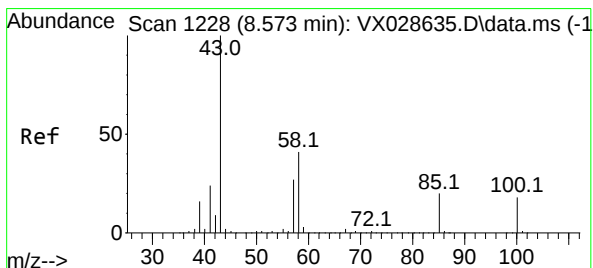
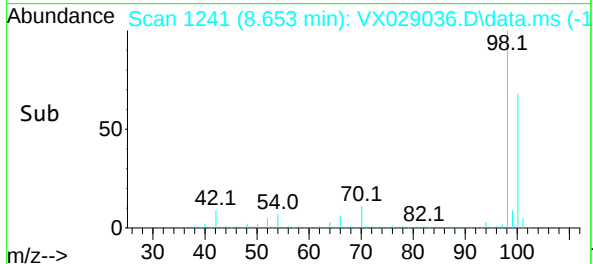
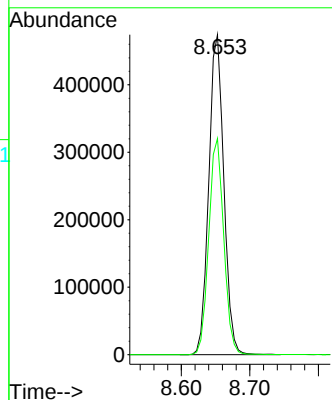
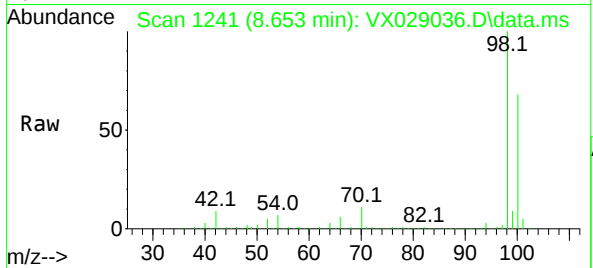




#50
Toluene-d8
Concen: 48.002 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX029036.D
Acq: 27 May 2022 19:54

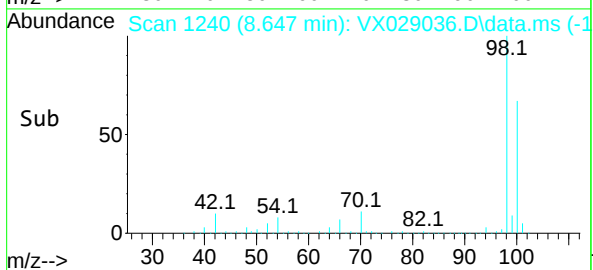
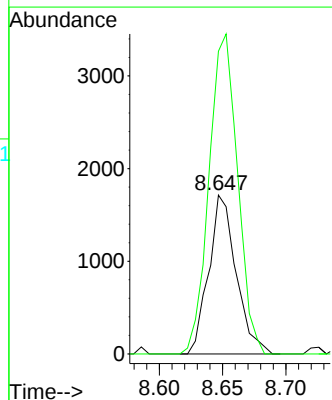
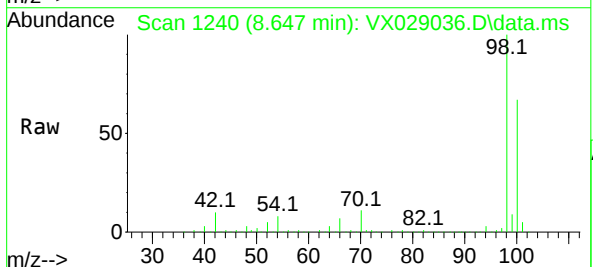
Instrument :
MSVOA_X
ClientSampleId :
MW-08

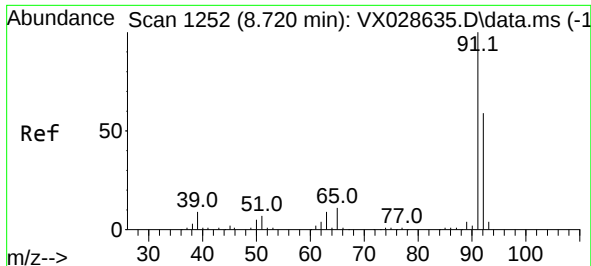
Tgt Ion: 98 Resp: 725669
Ion Ratio Lower Upper
98 100
100 67.4 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.399 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.074 min
Lab File: VX029036.D
Acq: 27 May 2022 19:54

Tgt Ion: 43 Resp: 2587
Ion Ratio Lower Upper
43 100
58 209.7 36.1 54.1#





#52

Toluene

Concen: 0.303 ug/l

RT: 8.726 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX029036.D

Acq: 27 May 2022 19:54

Instrument :

MSVOA_X

ClientSampleId :

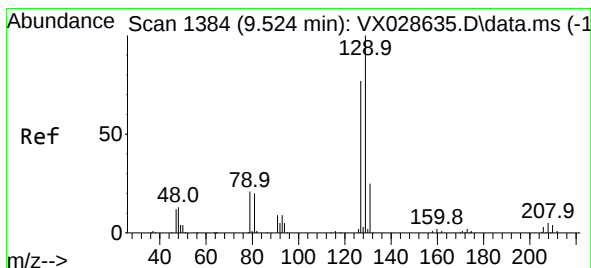
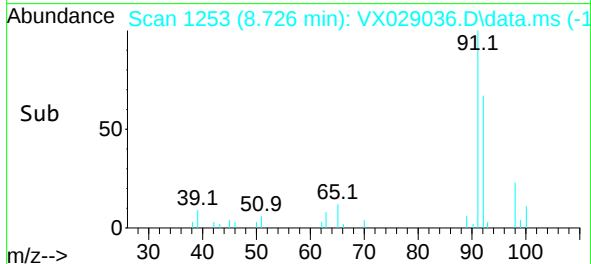
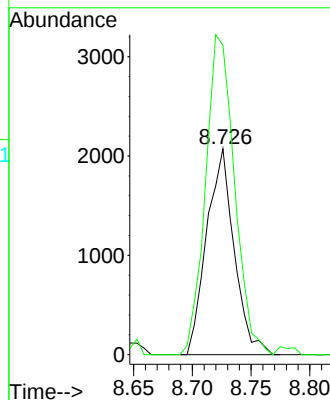
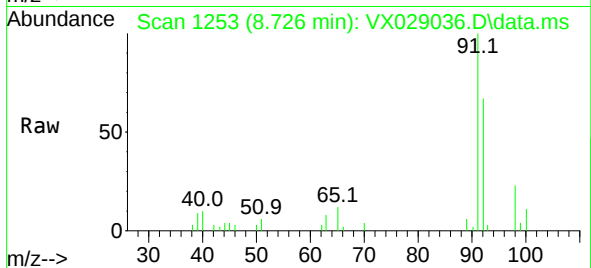
MW-08

Tgt Ion: 92 Resp: 3378

Ion Ratio Lower Upper

92 100

91 163.7 137.5 206.3



#60

Dibromochloromethane

Concen: 0.271 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.249 min

Lab File: VX029036.D

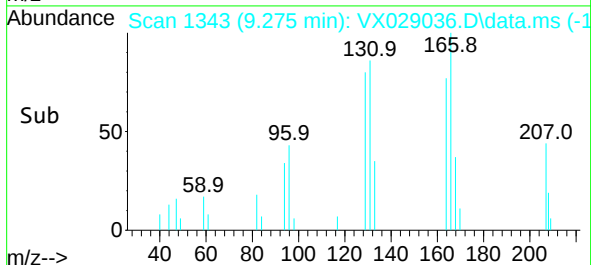
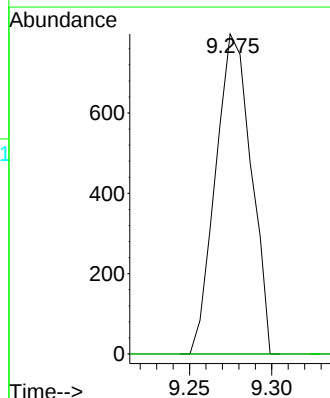
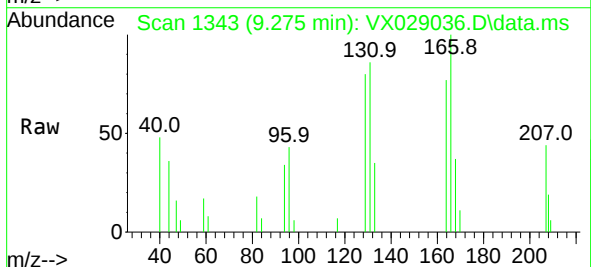
Acq: 27 May 2022 19:54

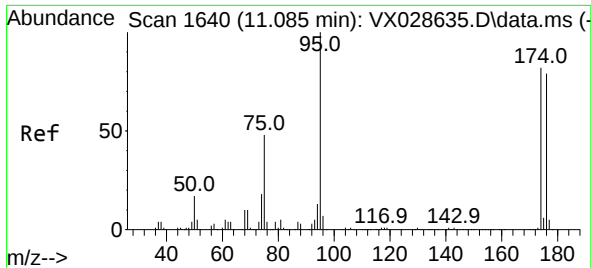
Tgt Ion: 129 Resp: 1199

Ion Ratio Lower Upper

129 100

127 0.0 40.3 120.8#

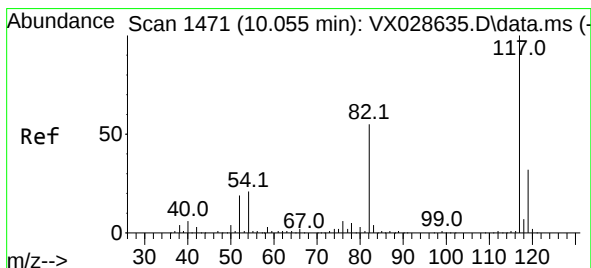
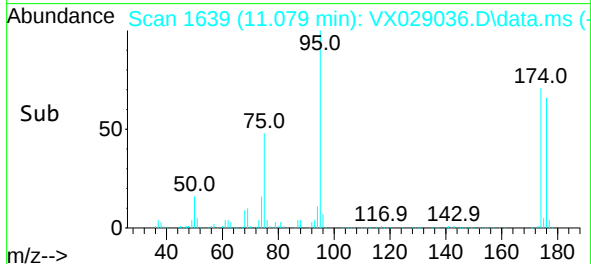
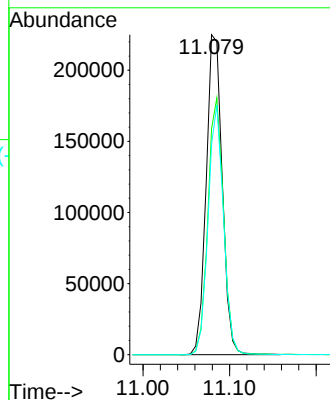
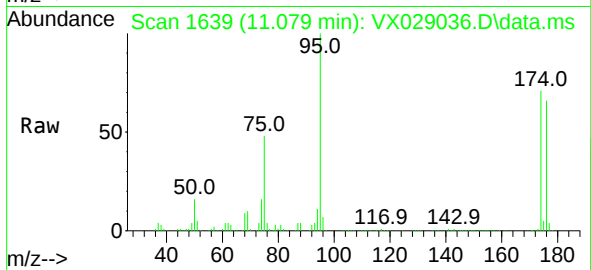




#62
4-Bromofluorobenzene
Concen: 51.324 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029036.D
Acq: 27 May 2022 19:54

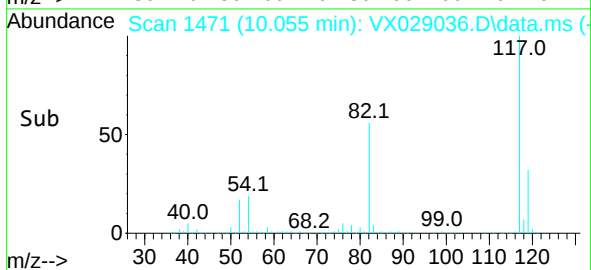
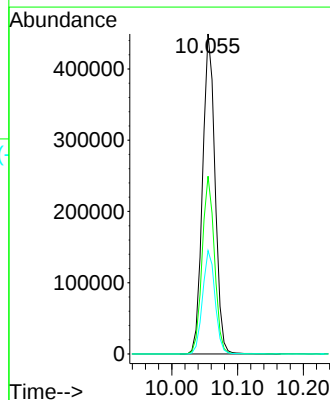
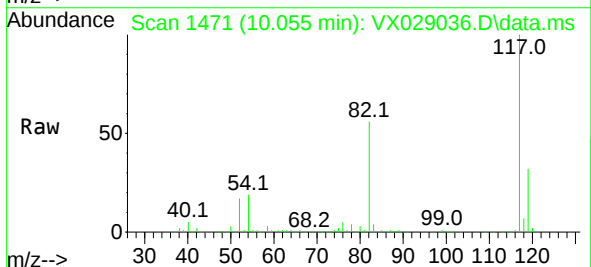
Instrument :
MSVOA_X
ClientSampleId :
MW-08

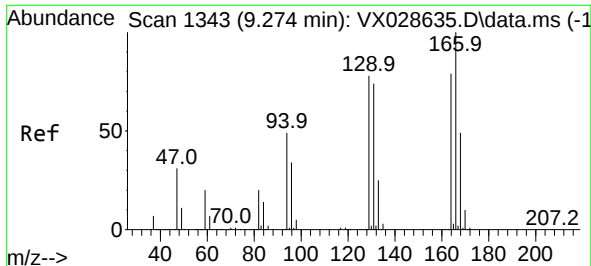
Tgt Ion: 95 Resp: 289801
Ion Ratio Lower Upper
95 100
174 78.0 0.0 163.0
176 74.6 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029036.D
Acq: 27 May 2022 19:54

Tgt Ion: 117 Resp: 592346
Ion Ratio Lower Upper
117 100
82 55.6 41.8 62.8
119 32.3 24.8 37.2

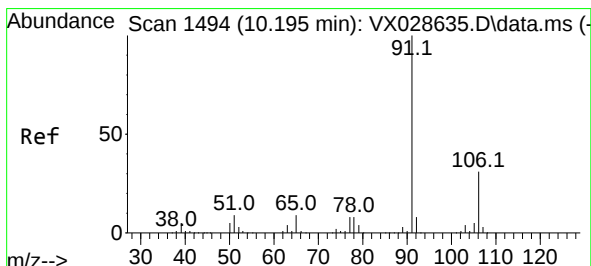
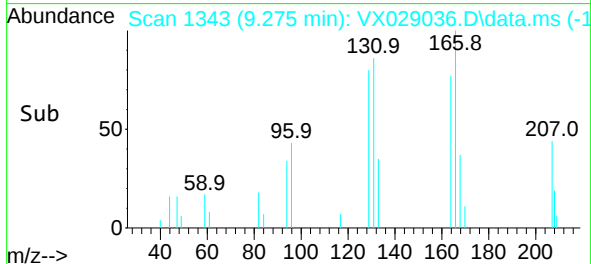
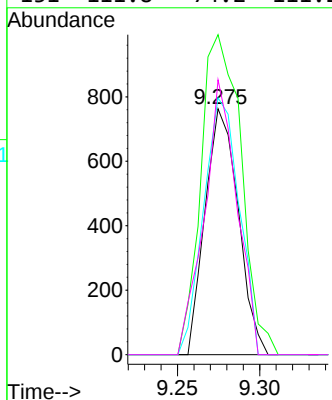
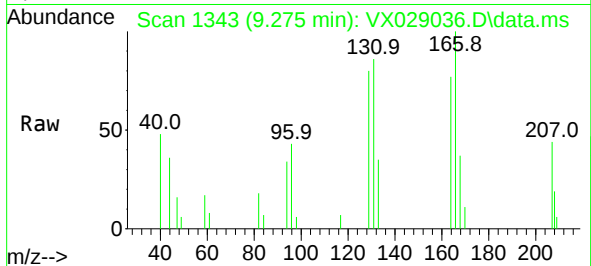




#64
Tetrachloroethene
Concen: 0.239 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX029036.D
Acq: 27 May 2022 19:54

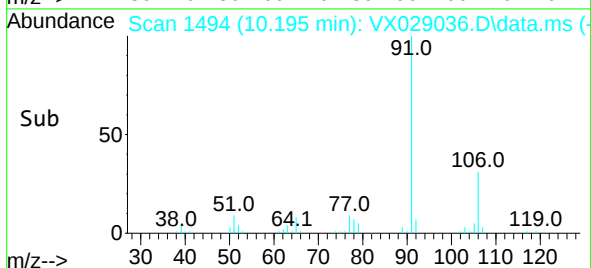
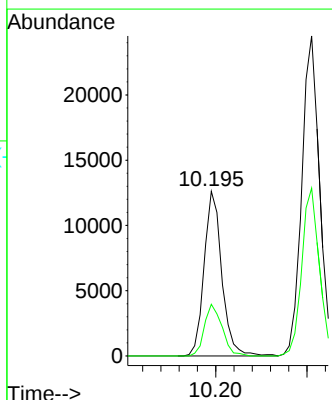
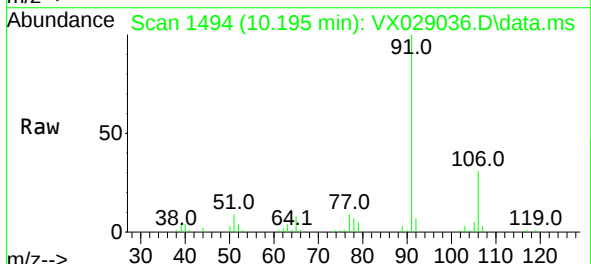
Instrument :
MSVOA_X
ClientSampleId :
MW-08

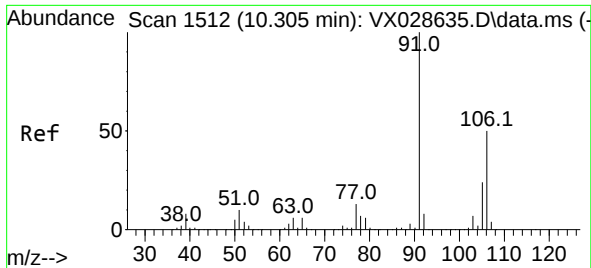
Tgt Ion:164 Resp: 1070
Ion Ratio Lower Upper
164 100
166 130.1 101.2 151.8
129 104.5 73.0 109.4
131 111.8 74.2 111.2#



#67
Ethyl Benzene
Concen: 0.754 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX029036.D
Acq: 27 May 2022 19:54

Tgt Ion: 91 Resp: 16975
Ion Ratio Lower Upper
91 100
106 31.4 24.6 36.8

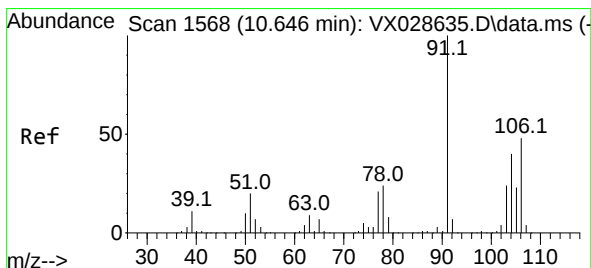
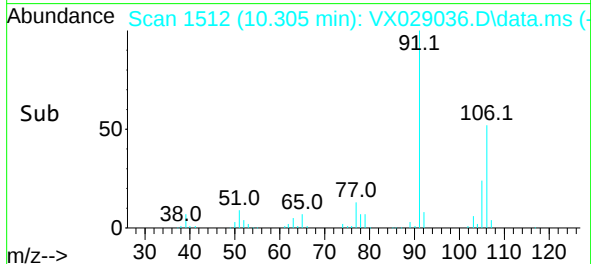
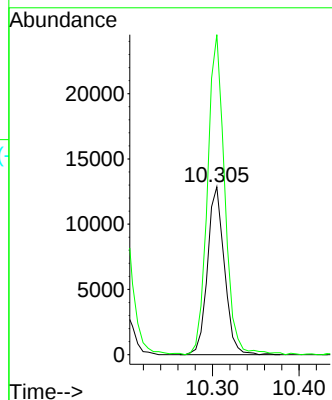
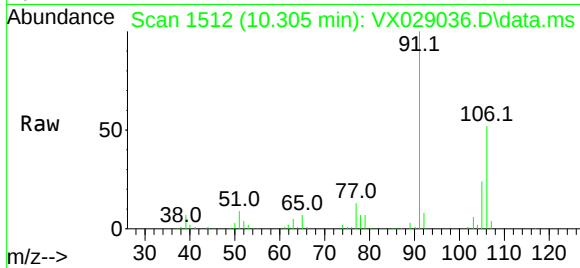




#68
m/p-Xylenes
Concen: 1.983 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX029036.D
Acq: 27 May 2022 19:54

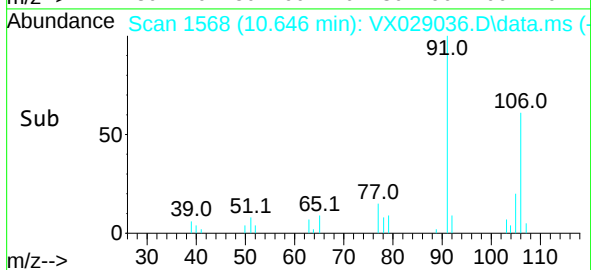
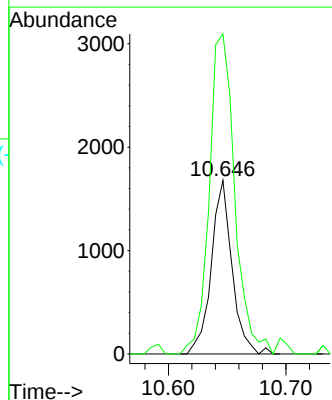
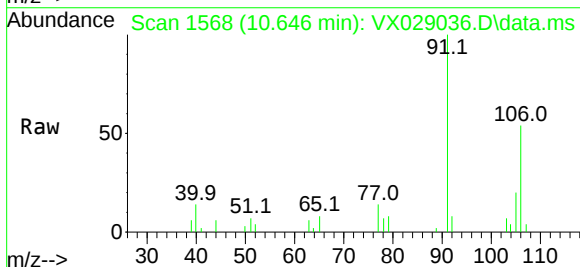
Instrument :
MSVOA_X
ClientSampleId :
MW-08

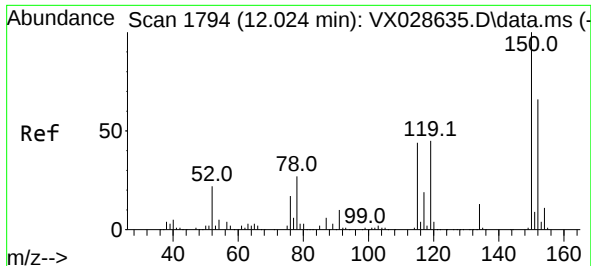
Tgt Ion:106 Resp: 17387
Ion Ratio Lower Upper
106 100
91 194.7 160.4 240.6



#69
o-Xylene
Concen: 0.239 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX029036.D
Acq: 27 May 2022 19:54

Tgt Ion:106 Resp: 2061
Ion Ratio Lower Upper
106 100
91 226.0 106.1 318.1

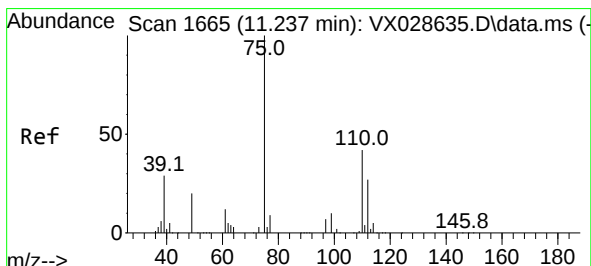
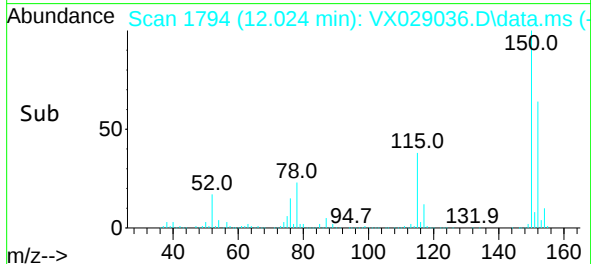
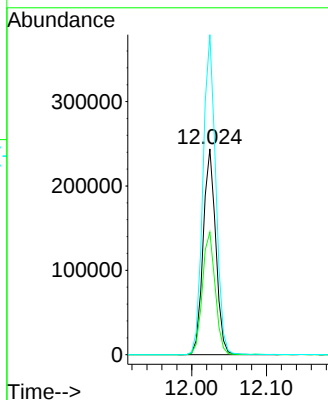
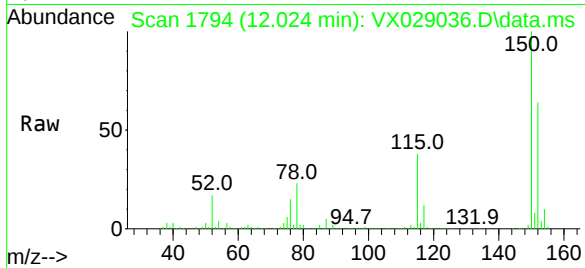




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029036.D
Acq: 27 May 2022 19:54

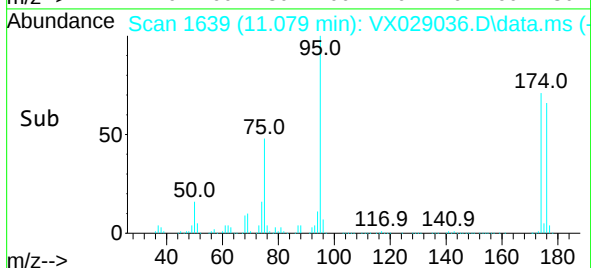
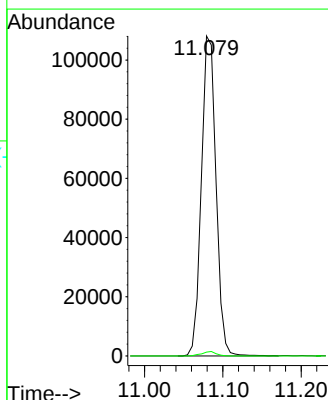
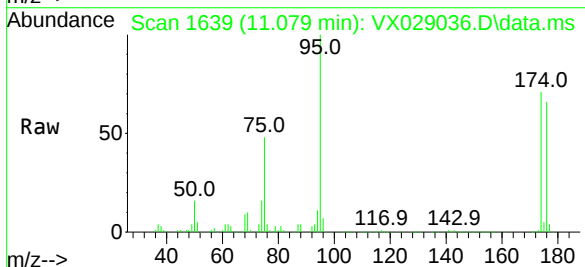
Instrument :
MSVOA_X
ClientSampleId :
MW-08

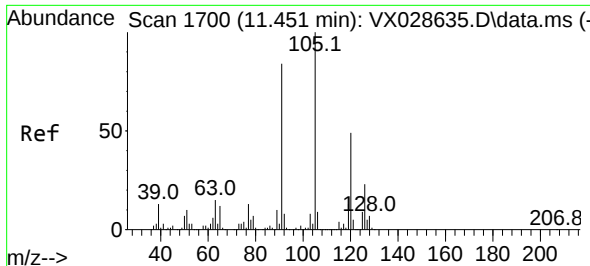
Tgt Ion:152 Resp: 285922
Ion Ratio Lower Upper
152 100
115 60.4 37.5 112.7
150 157.3 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 20.944 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX029036.D
Acq: 27 May 2022 19:54

Tgt Ion: 75 Resp: 140240
Ion Ratio Lower Upper
75 100
77 1.3 19.4 58.2#

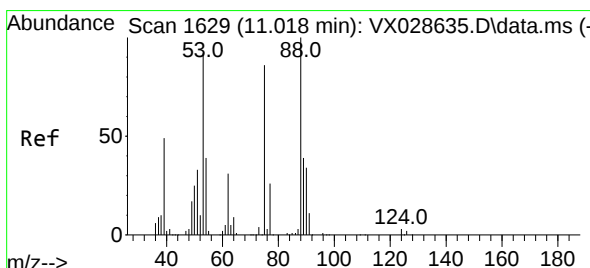
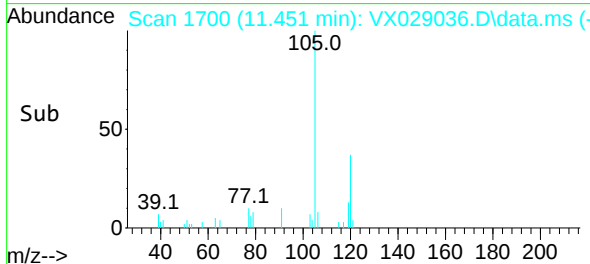
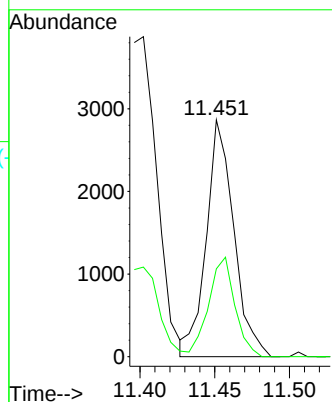
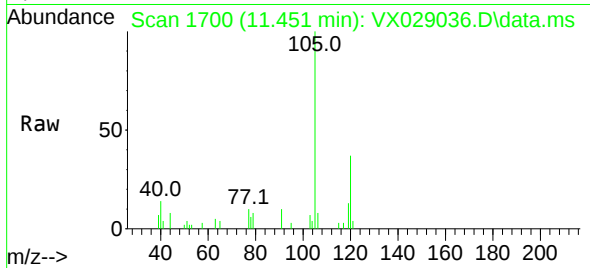




#80
1,3,5-Trimethylbenzene
Concen: 0.203 ug/l
RT: 11.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029036.D
Acq: 27 May 2022 19:54

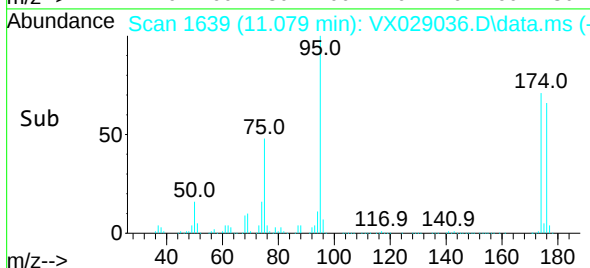
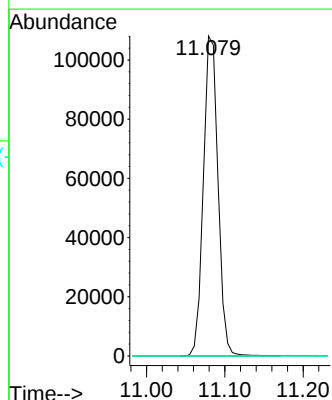
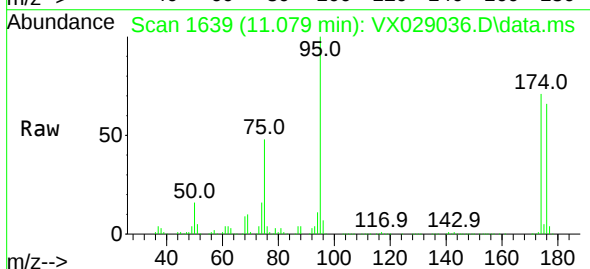
Instrument :
MSVOA_X
ClientSampleId :
MW-08

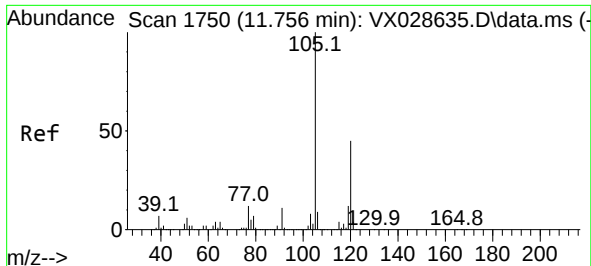
Tgt Ion:105 Resp: 3659
Ion Ratio Lower Upper
105 100
120 40.1 24.3 72.9



#81
trans-1,4-Dichloro-2-butene
Concen: 61.514 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029036.D
Acq: 27 May 2022 19:54

Tgt Ion: 75 Resp: 140240
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

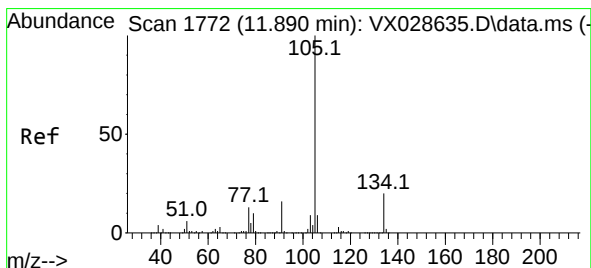
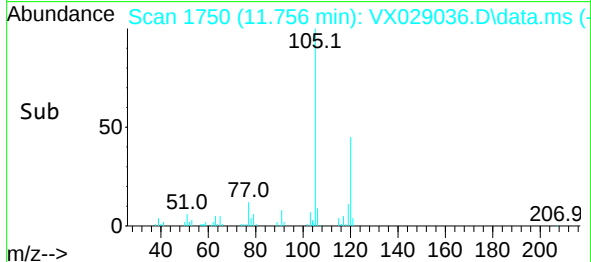
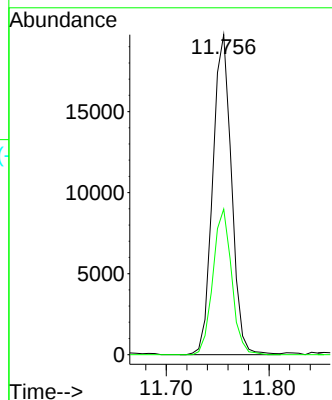
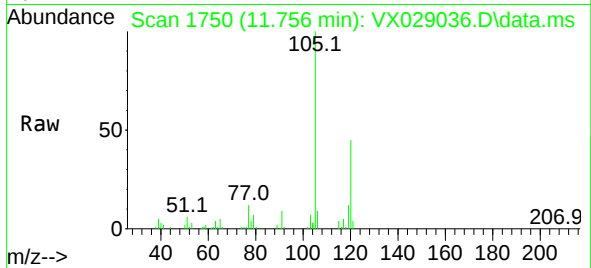




#84
1,2,4-Trimethylbenzene
Concen: 1.380 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX029036.D
Acq: 27 May 2022 19:54

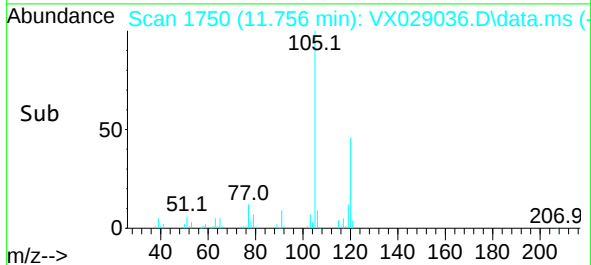
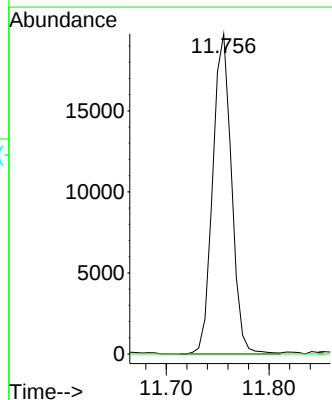
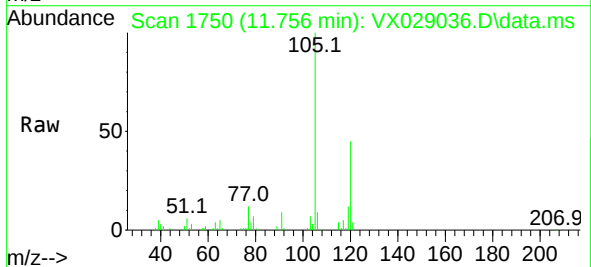
Instrument :
MSVOA_X
ClientSampleId :
MW-08

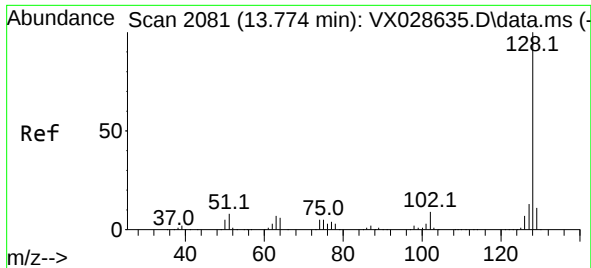
Tgt Ion:105 Resp: 24996
Ion Ratio Lower Upper
105 100
120 45.4 22.6 67.8



#85
sec-Butylbenzene
Concen: 1.158 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.134 min
Lab File: VX029036.D
Acq: 27 May 2022 19:54

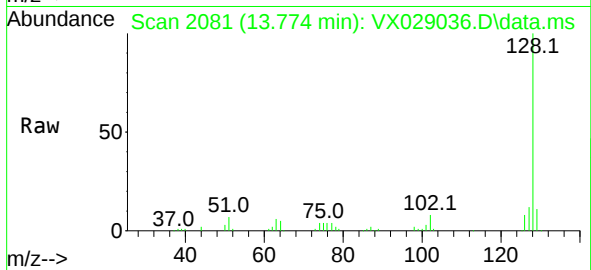
Tgt Ion:105 Resp: 24996
Ion Ratio Lower Upper
105 100
134 0.0 10.2 30.4#





#95
Naphthalene
Concen: 1.558 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX029036.D
Acq: 27 May 2022 19:54

Instrument :
MSVOA_X
ClientSampleId :
MW-08



Tgt Ion:128 Resp: 31661
Ion Ratio Lower Upper
128 100
127 12.2 10.2 15.4
129 10.6 8.7 13.1

