

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012722\
 Data File : VX026609.D
 Acq On : 26 Jan 2022 20:52
 Operator : JC/MD
 Sample : N1286-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-15R

Quant Time: Jan 27 07:33:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

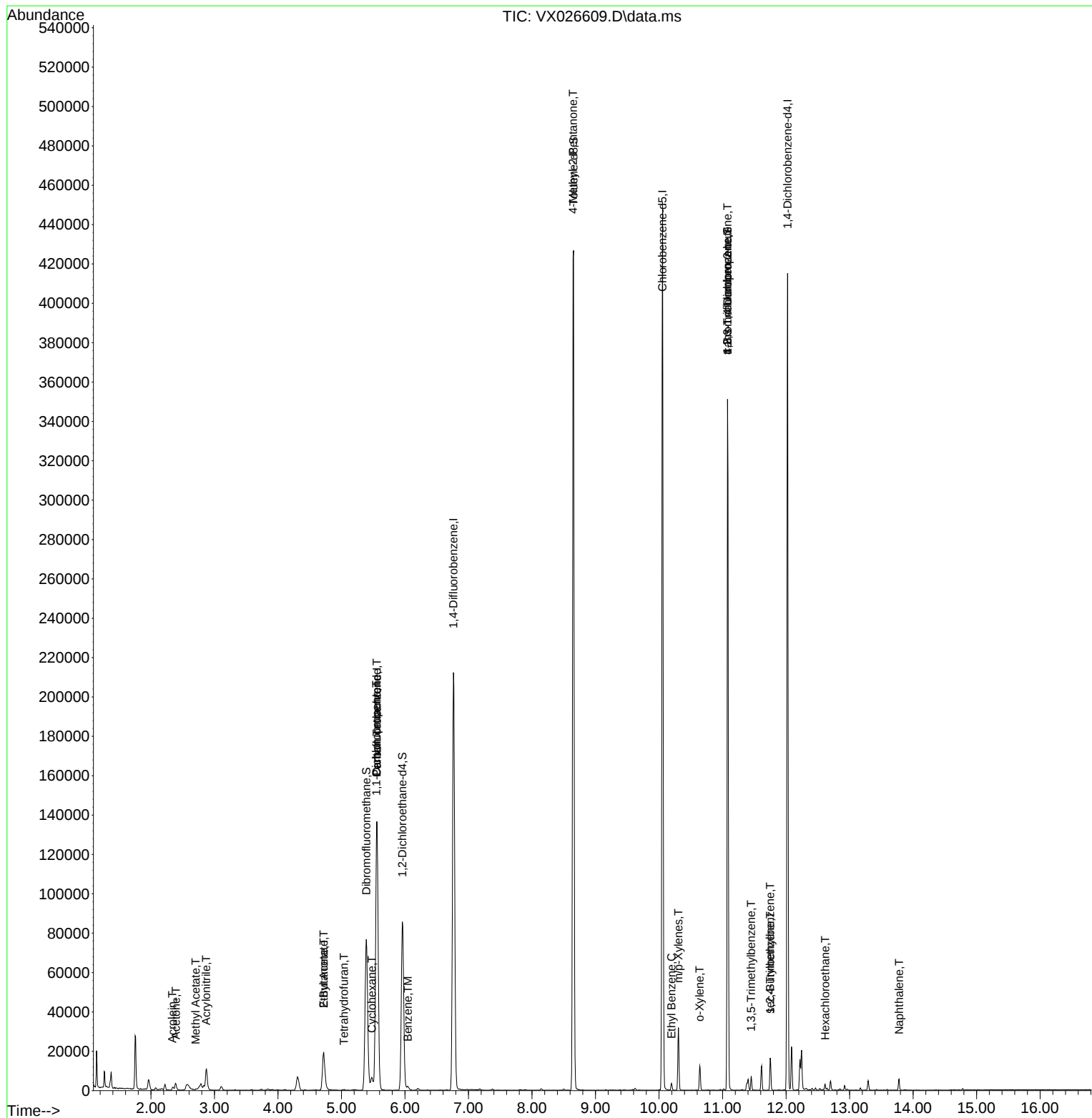
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	128129	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	216110	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	197195	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84691	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85033	47.508	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.020%
35) Dibromofluoromethane	5.391	113	67296	48.221	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.440%
50) Toluene-d8	8.653	98	256271	50.958	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.920%
62) 4-Bromofluorobenzene	11.079	95	94229	52.745	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.480%
Target Compounds						
					Qvalue	
13) Acrolein	2.337	56	199	0.752	ug/l #	14
15) Acrylonitrile	2.867	53	313	0.408	ug/l #	31
16) Acetone	2.392	43	4589	5.028	ug/l	97
18) Methyl Acetate	2.703	43	638	0.352	ug/l #	53
25) 2-Butanone	4.721	43	33930	28.584	ug/l #	50
29) Tetrahydrofuran	5.038	42	372	0.528	ug/l #	41
31) Cyclohexane	5.477	56	4336	1.642	ug/l	88
36) 1,1-Dichloropropene	5.550	75	9924	4.505	ug/l #	50
37) Ethyl Acetate	4.721	43	34027	15.268	ug/l	99
38) Carbon Tetrachloride	5.556	117	13218	5.833	ug/l #	16
40) Benzene	6.044	78	2140	0.351	ug/l #	89
51) 4-Methyl-2-Pentanone	8.647	43	1134	0.531	ug/l #	1
67) Ethyl Benzene	10.195	91	2114	0.280	ug/l	97
68) m/p-Xylenes	10.305	106	6793	2.405	ug/l	97
69) o-Xylene	10.640	106	2719	0.998	ug/l	99
76) 1,2,3-Trichloropropane	11.079	75	47675	25.567	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.451	105	3156	0.551	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.079	75	47675	77.601	ug/l #	3
84) 1,2,4-Trimethylbenzene	11.750	105	7330	1.281	ug/l	99
85) sec-Butylbenzene	11.750	105	7330	1.061	ug/l #	56
90) Hexachloroethane	12.616	117	161	2.337	ug/l #	14
95) Naphthalene	13.780	128	3717	0.617	ug/l	99

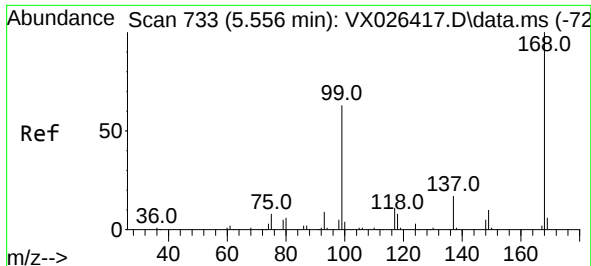
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MW-15R

Quant Time: Jan 27 07:33:53 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 11 14:45:13 2022
Response via : Initial Calibration

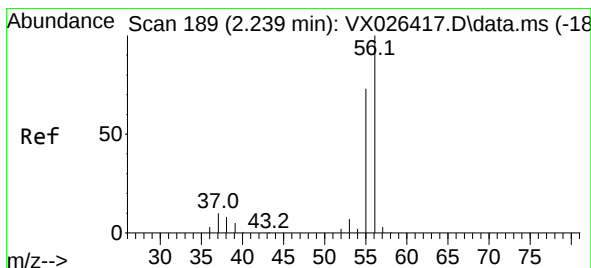
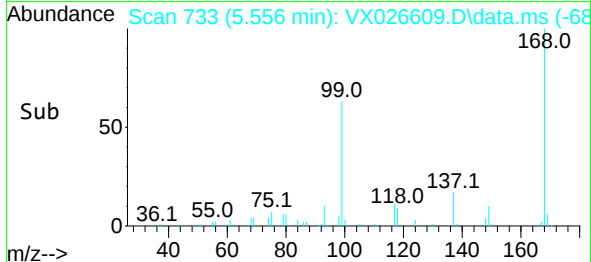
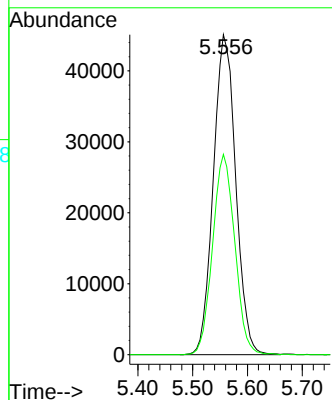
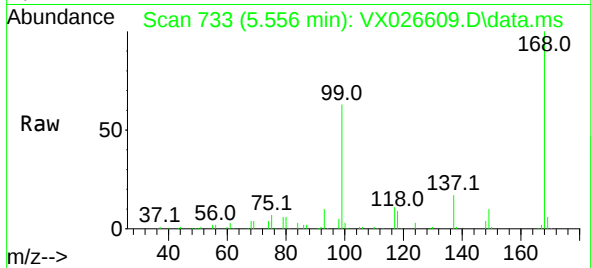




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026609.D
Acq: 26 Jan 2022 20:52

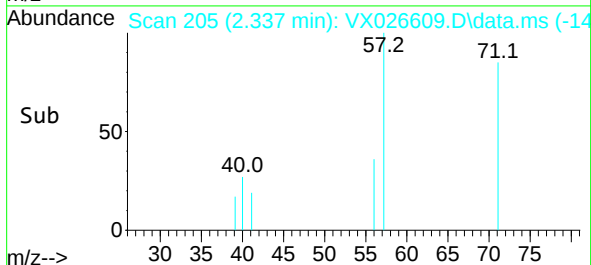
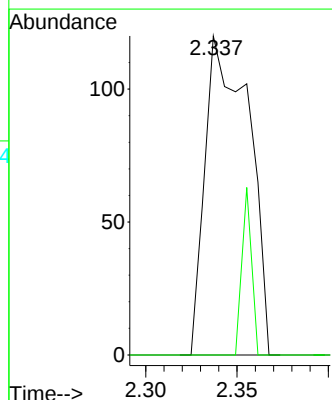
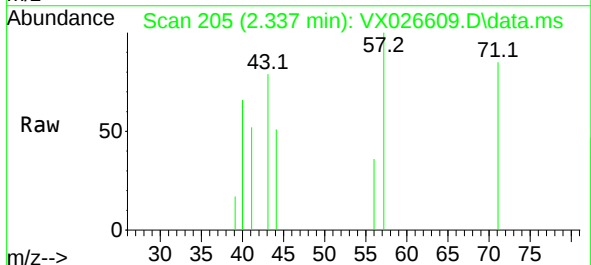
Instrument :
MSVOA_X
ClientSampleId :
MW-15R

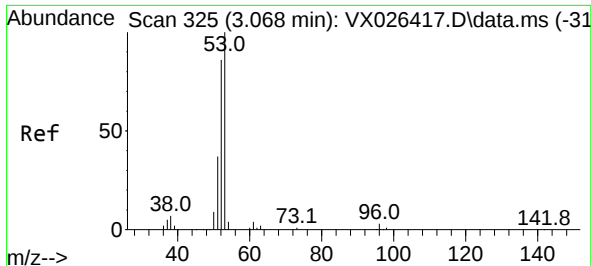
Tgt Ion:168 Resp: 128129
Ion Ratio Lower Upper
168 100
99 62.6 50.3 75.5



#13
Acrolein
Concen: 0.752 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.098 min
Lab File: VX026609.D
Acq: 26 Jan 2022 20:52

Tgt Ion: 56 Resp: 199
Ion Ratio Lower Upper
56 100
55 0.0 56.9 85.3#

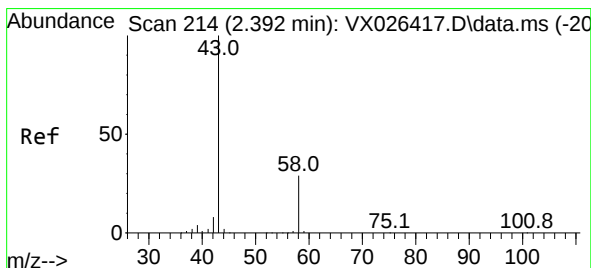
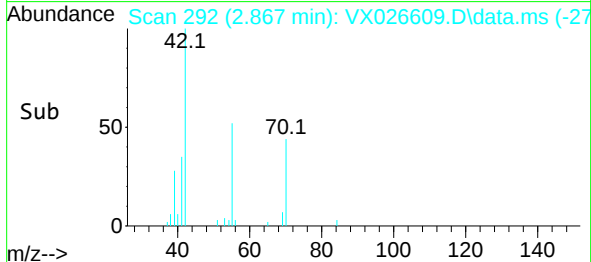
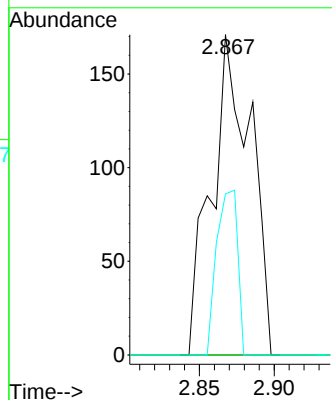
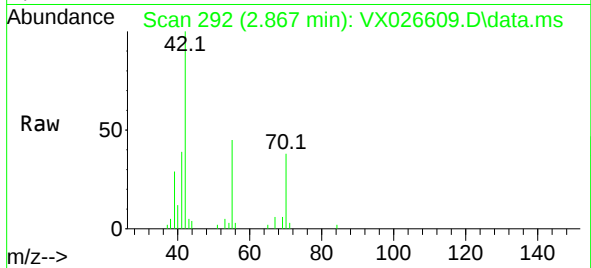




#15
Acrylonitrile
Concen: 0.408 ug/l
RT: 2.867 min Scan# 215
Delta R.T. -0.201 min
Lab File: VX026609.D
Acq: 26 Jan 2022 20:52

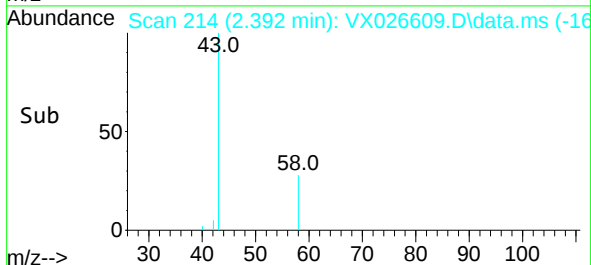
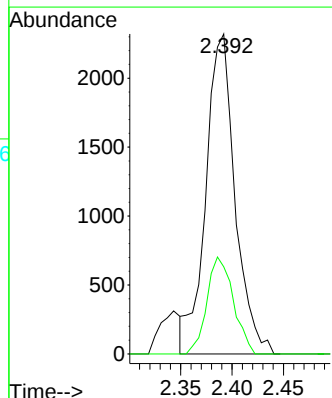
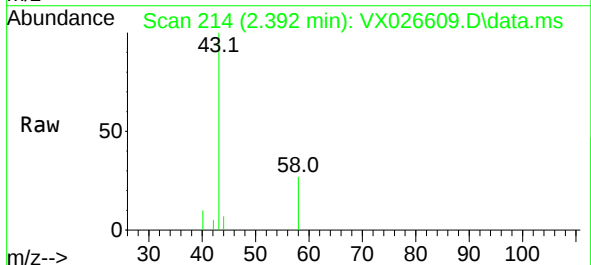
Instrument :
MSVOA_X
ClientSampleId :
MW-15R

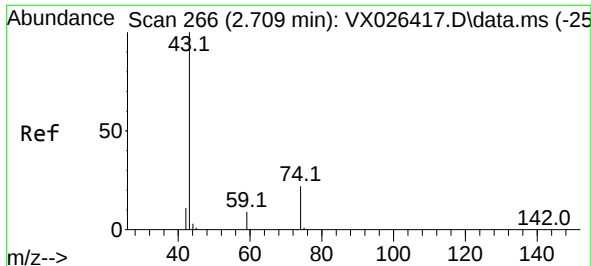
Tgt Ion: 53 Resp: 313
Ion Ratio Lower Upper
53 100
52 0.0 66.6 100.0#
51 27.5 29.5 44.3#



#16
Acetone
Concen: 5.028 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX026609.D
Acq: 26 Jan 2022 20:52

Tgt Ion: 43 Resp: 4589
Ion Ratio Lower Upper
43 100
58 27.2 23.0 34.6

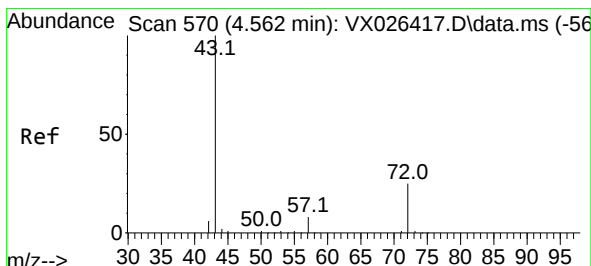
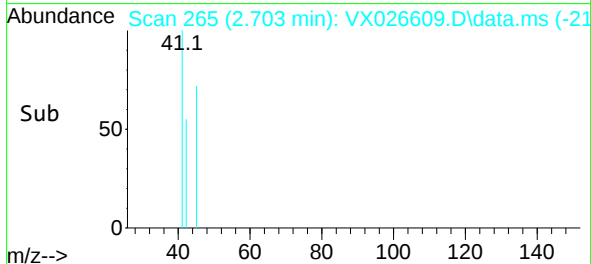
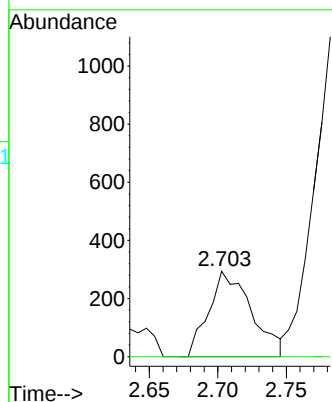
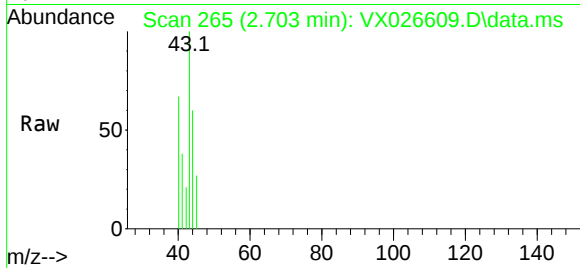




#18
Methyl Acetate
Concen: 0.352 ug/l
RT: 2.703 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX026609.D
Acq: 26 Jan 2022 20:52

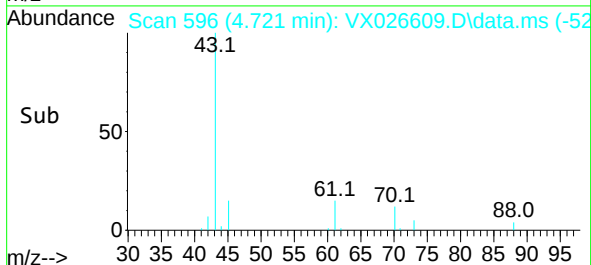
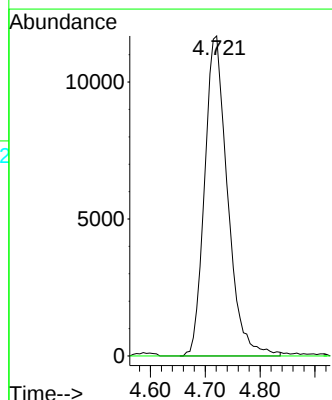
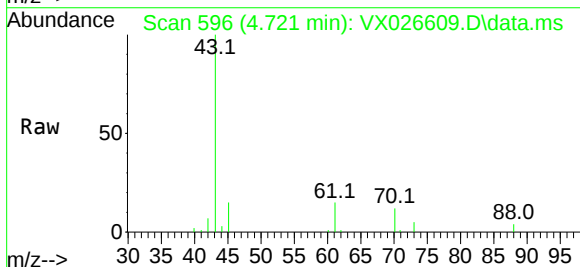
Instrument :
MSVOA_X
ClientSampleId :
MW-15R

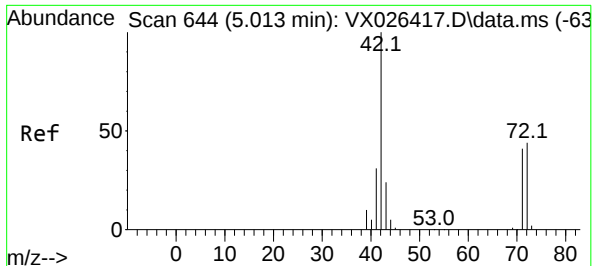
Tgt Ion: 43 Resp: 638
Ion Ratio Lower Upper
43 100
74 0.0 18.3 27.5#



#25
2-Butanone
Concen: 28.584 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.159 min
Lab File: VX026609.D
Acq: 26 Jan 2022 20:52

Tgt Ion: 43 Resp: 33930
Ion Ratio Lower Upper
43 100
72 0.0 20.4 30.6#





#29

Tetrahydrofuran

Concen: 0.528 ug/l

RT: 5.038 min Scan# 644

Delta R.T. 0.025 min

Lab File: VX026609.D

Acq: 26 Jan 2022 20:52

Instrument :

MSVOA_X

ClientSampleId :

MW-15R

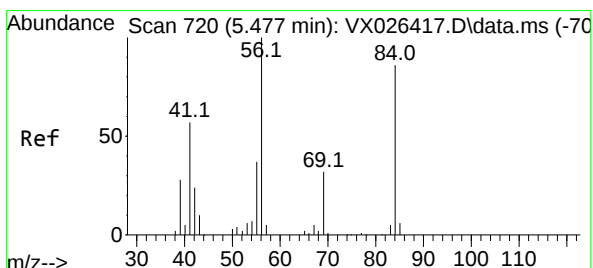
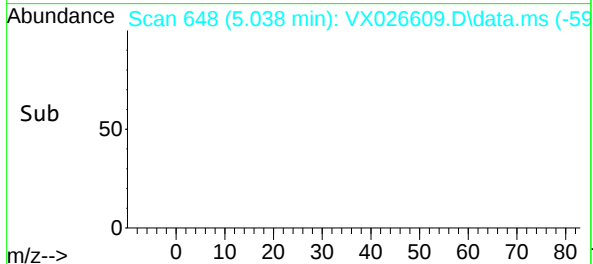
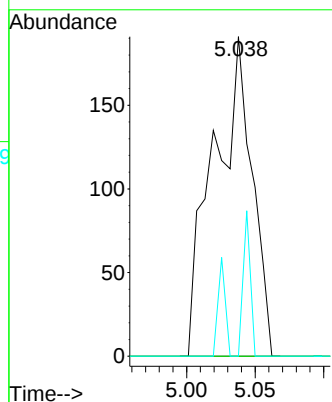
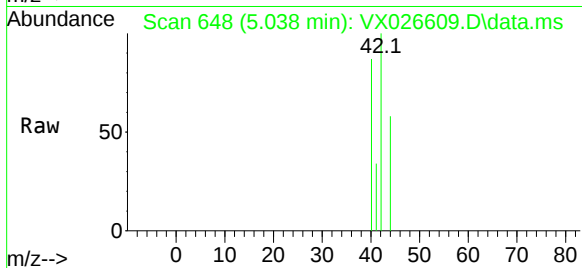
Tgt Ion: 42 Resp: 372

Ion Ratio Lower Upper

42 100

72 0.0 34.6 52.0#

71 8.6 31.8 47.8#



#31

Cyclohexane

Concen: 1.642 ug/l

RT: 5.477 min Scan# 720

Delta R.T. 0.000 min

Lab File: VX026609.D

Acq: 26 Jan 2022 20:52

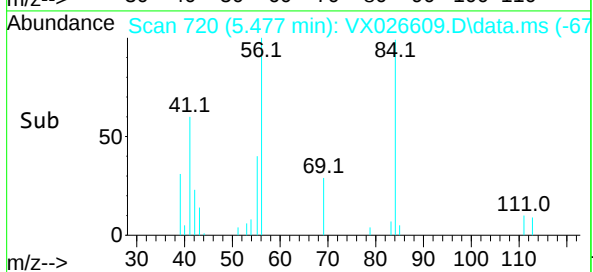
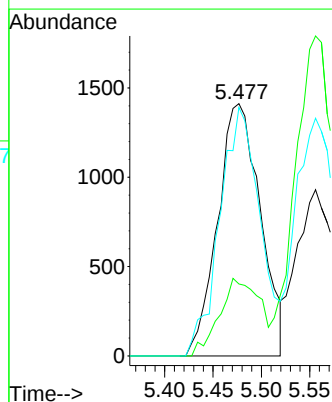
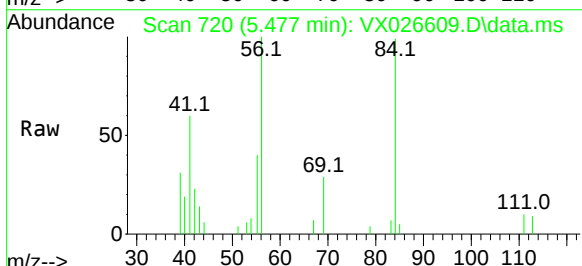
Tgt Ion: 56 Resp: 4336

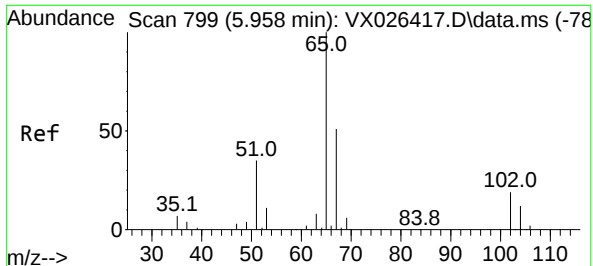
Ion Ratio Lower Upper

56 100

69 28.5 25.8 38.6

84 98.5 68.9 103.3

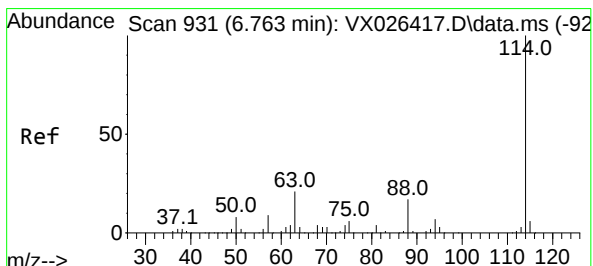
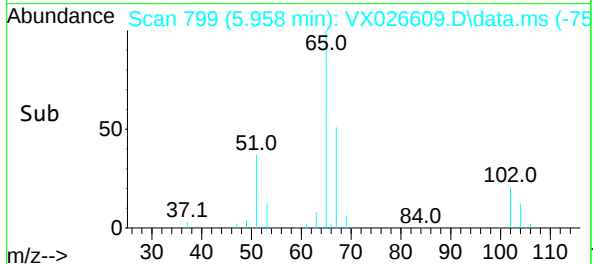
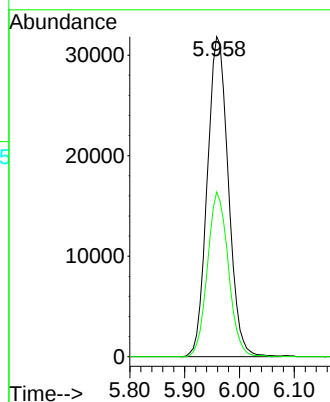
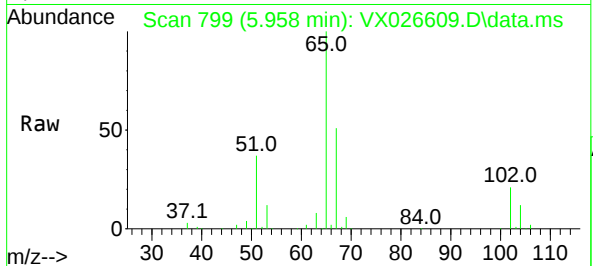




#33
 1,2-Dichloroethane-d4
 Concen: 47.508 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX026609.D
 Acq: 26 Jan 2022 20:52

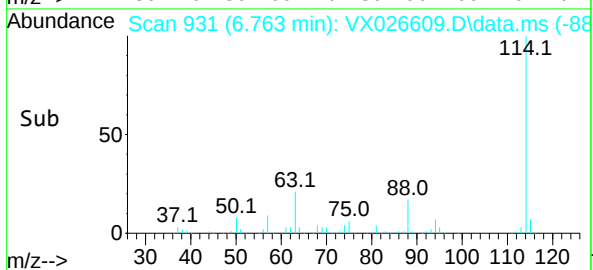
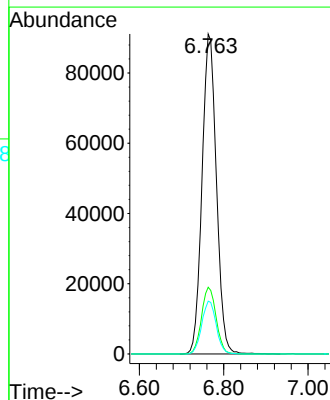
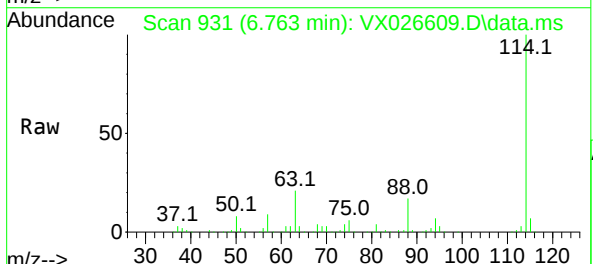
Instrument :
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 ClientSampleId :
 MW-15R

Tgt Ion: 65 Resp: 85033
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX026609.D
 Acq: 26 Jan 2022 20:52

Tgt Ion: 114 Resp: 216110
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 42.8
 88 16.5 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.221 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX026609.D

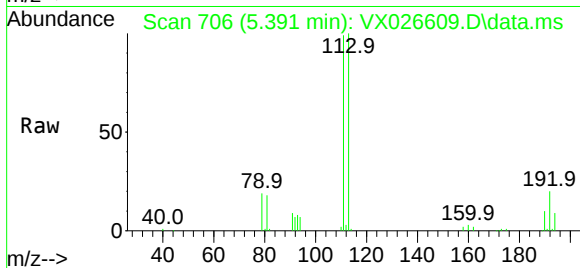
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Instrument :

MSVOA_X

ClientSampleId :

MW-15R



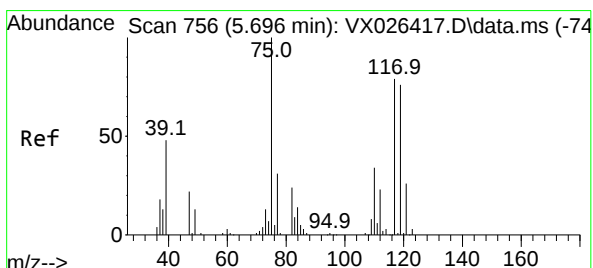
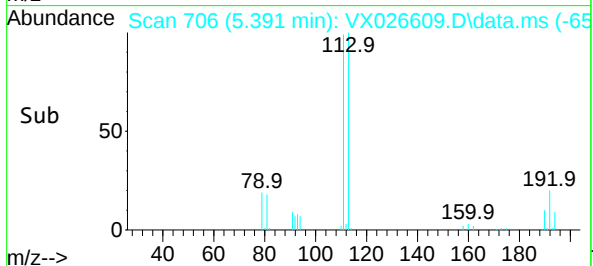
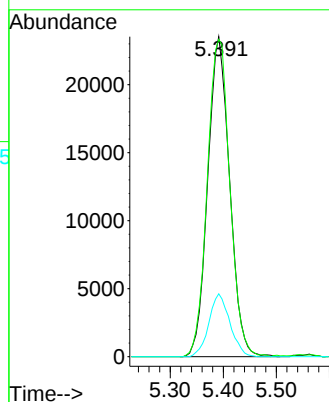
Tgt Ion:113 Resp: 67296

Ion Ratio Lower Upper

113 100

111 102.6 81.2 121.8

192 18.9 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.505 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX026609.D

Acq: 26 Jan 2022 20:52

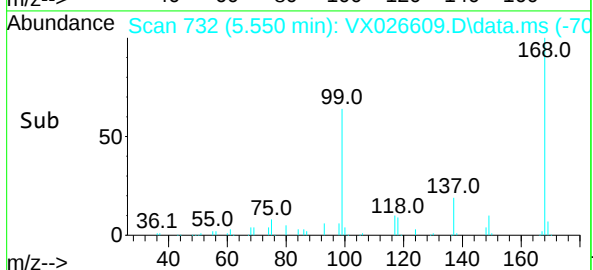
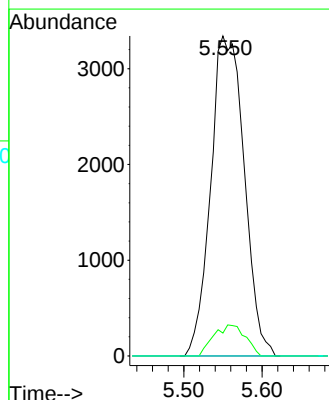
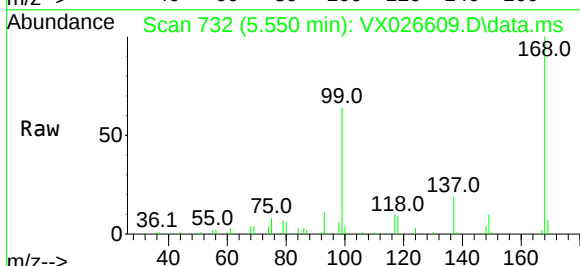
Tgt Ion: 75 Resp: 9924

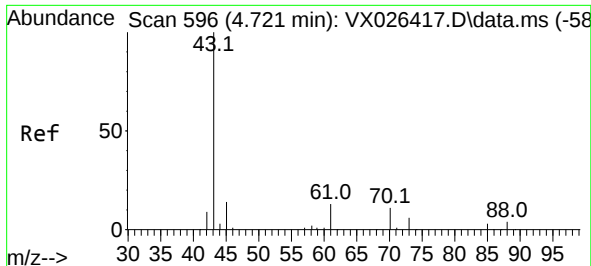
Ion Ratio Lower Upper

75 100

110 9.2 17.2 51.6#

77 0.0 24.6 36.8#

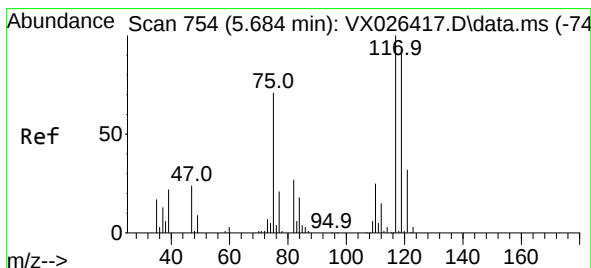
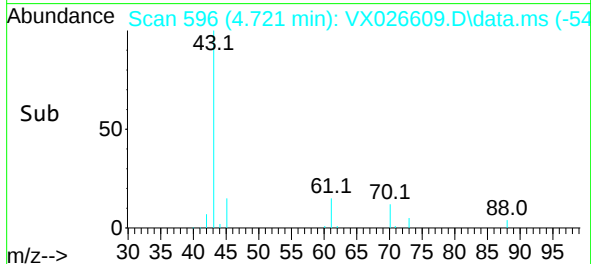
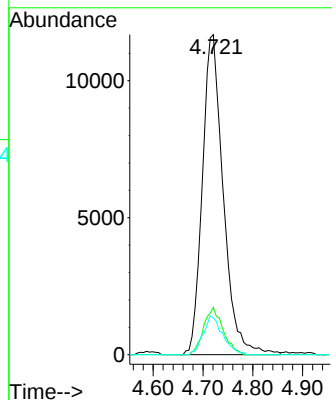
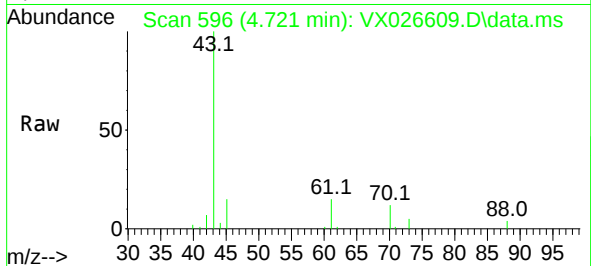




#37
Ethyl Acetate
Concen: 15.268 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.000 min
Lab File: VX026609.D
Acq: 26 Jan 2022 20:52

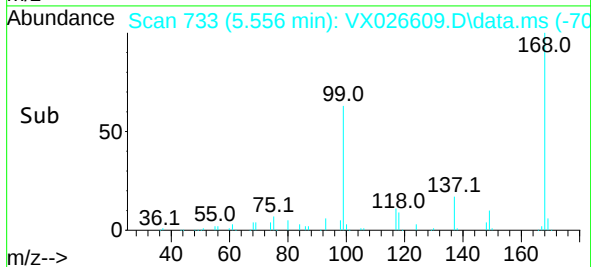
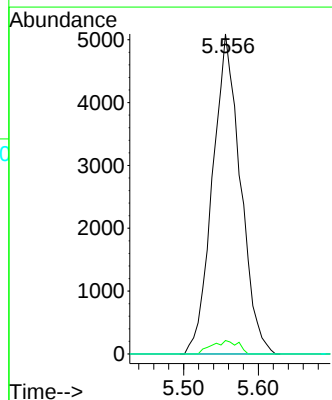
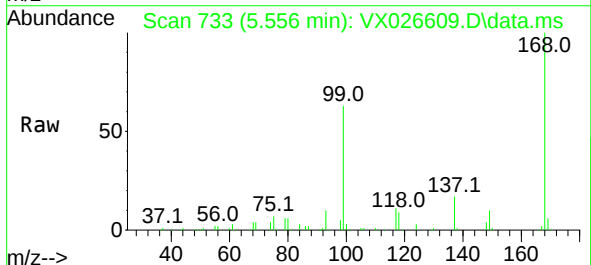
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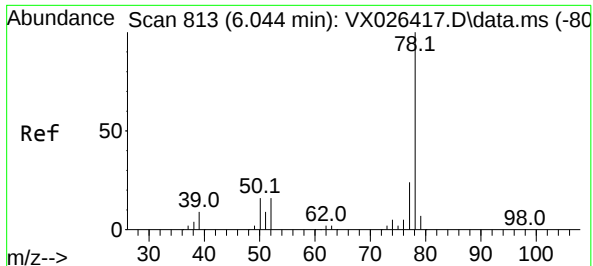
Tgt Ion: 43 Resp: 34027
Ion Ratio Lower Upper
43 100
61 13.7 10.6 16.0
70 11.3 8.5 12.7



#38
Carbon Tetrachloride
Concen: 5.833 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX026609.D
Acq: 26 Jan 2022 20:52

Tgt Ion: 117 Resp: 13218
Ion Ratio Lower Upper
117 100
119 4.2 74.7 112.1#
121 0.0 25.4 38.0#

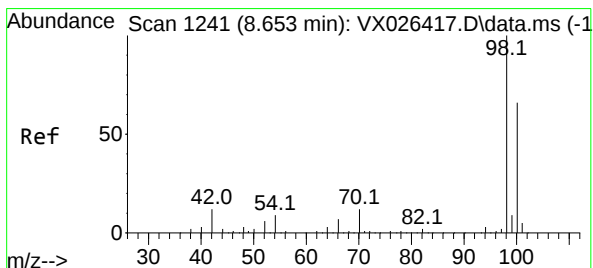
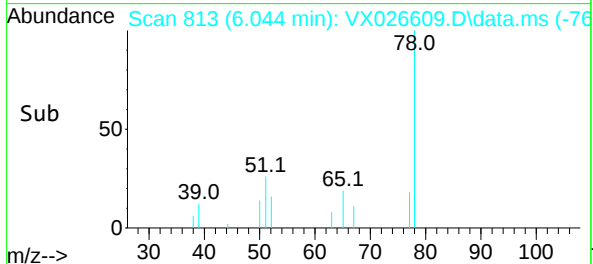
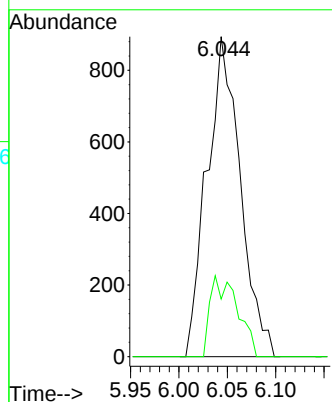
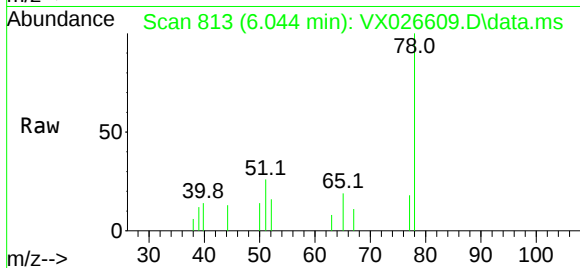




#40
Benzene
Concen: 0.351 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX026609.D
Acq: 26 Jan 2022 20:52

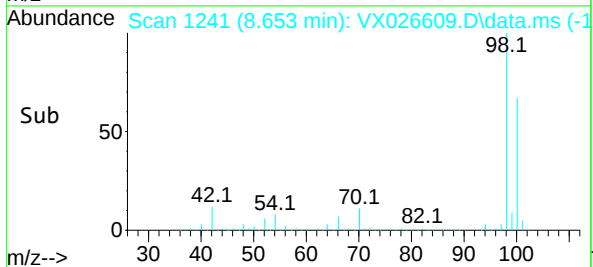
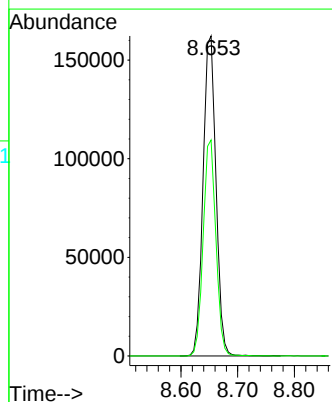
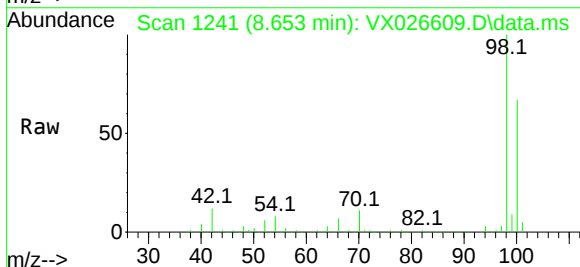
Instrument :
MSVOA_X
ClientSampleId :
MW-15R

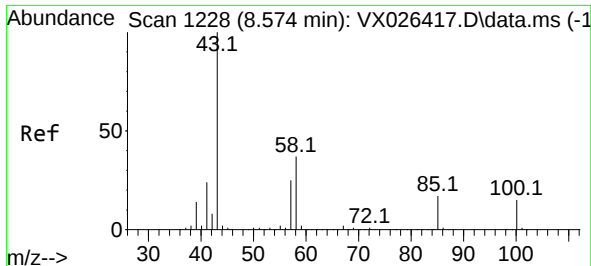
Tgt Ion: 78 Resp: 2140
Ion Ratio Lower Upper
78 100
77 18.0 18.9 28.3#



#50
Toluene-d8
Concen: 50.958 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026609.D
Acq: 26 Jan 2022 20:52

Tgt Ion: 98 Resp: 256271
Ion Ratio Lower Upper
98 100
100 66.6 53.2 79.8

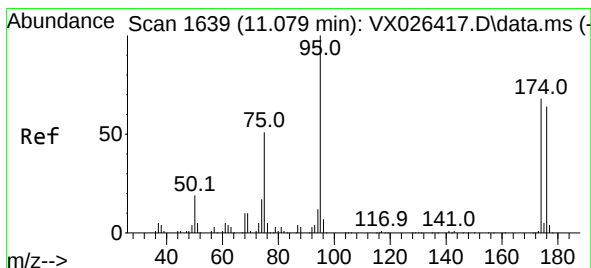
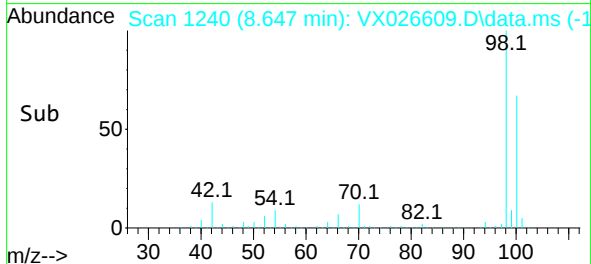
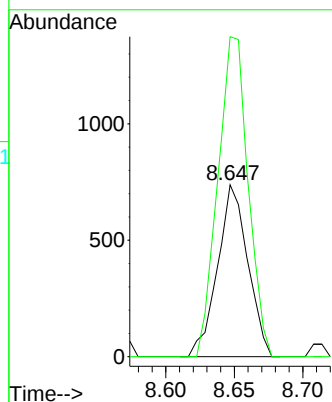
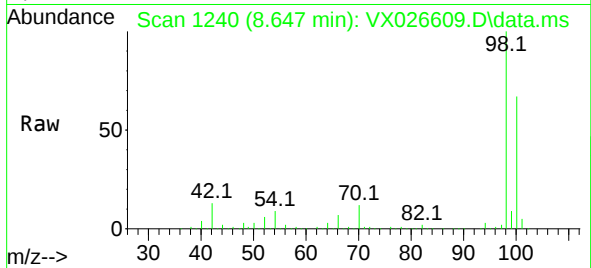




#51
4-Methyl-2-Pentanone
Concen: 0.531 ug/l
RT: 8.647 min Scan# 1134
Delta R.T. 0.073 min
Lab File: VX026609.D
Acq: 26 Jan 2022 20:52

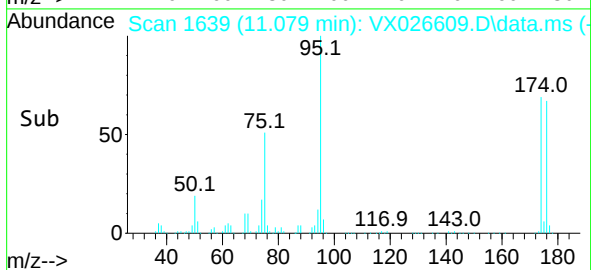
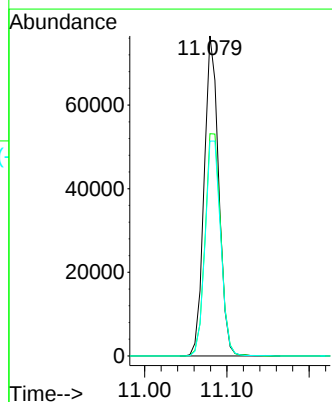
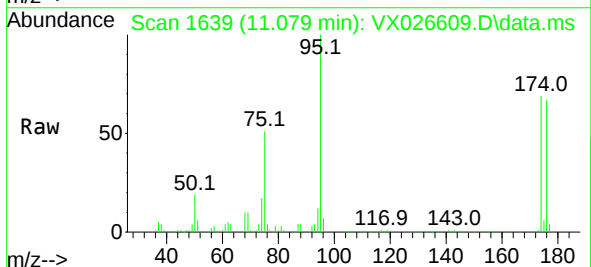
Instrument :
MSVOA_X
ClientSampleId :
MW-15R

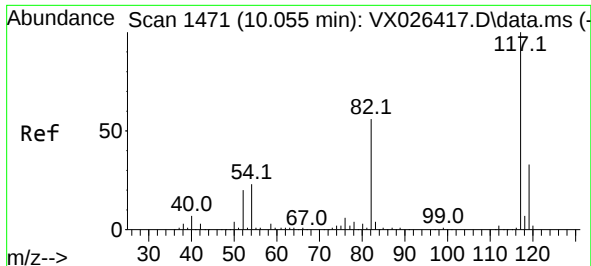
Tgt Ion: 43 Resp: 1134
Ion Ratio Lower Upper
43 100
58 186.1 30.5 45.7#



#62
4-Bromofluorobenzene
Concen: 52.745 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026609.D
Acq: 26 Jan 2022 20:52

Tgt Ion: 95 Resp: 94229
Ion Ratio Lower Upper
95 100
174 74.5 0.0 148.6
176 71.9 0.0 141.4

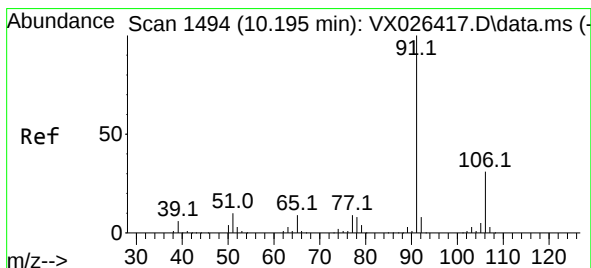
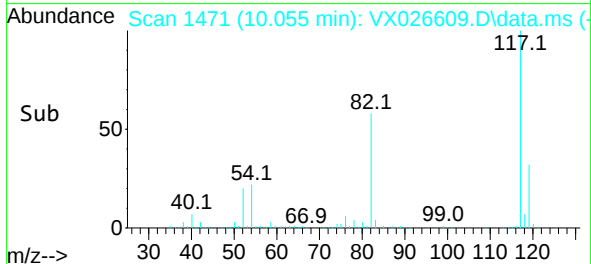
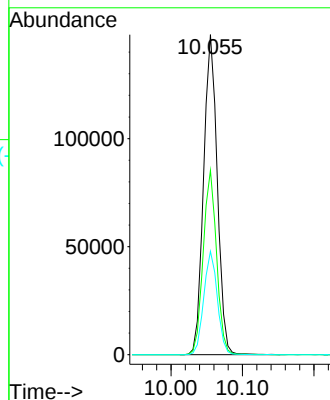
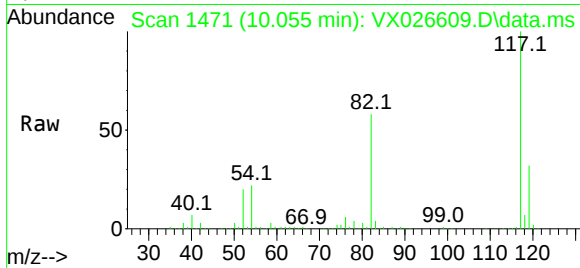




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026609.D
Acq: 26 Jan 2022 20:52

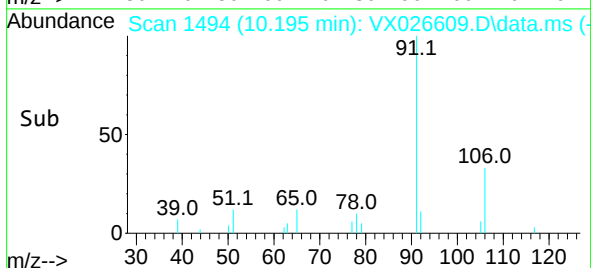
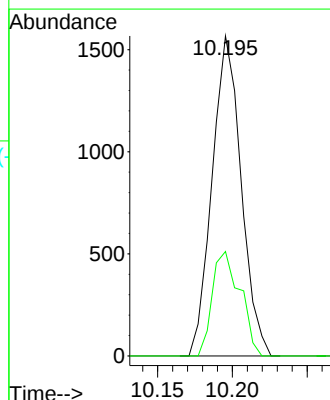
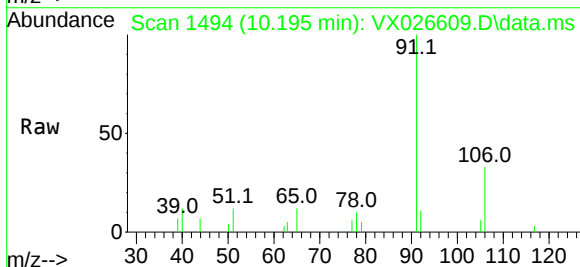
Instrument :
MSVOA_X
ClientSampleId :
MW-15R

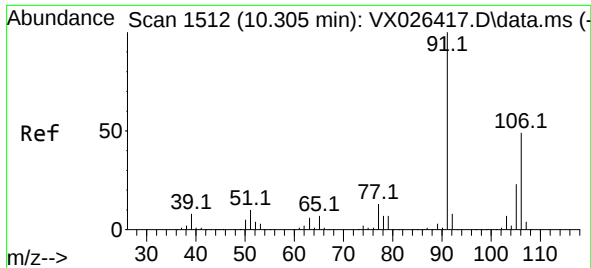
Tgt Ion:117 Resp: 197195
Ion Ratio Lower Upper
117 100
82 57.6 45.2 67.8
119 32.3 26.2 39.2



#67
Ethyl Benzene
Concen: 0.280 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX026609.D
Acq: 26 Jan 2022 20:52

Tgt Ion: 91 Resp: 2114
Ion Ratio Lower Upper
91 100
106 32.7 24.7 37.1

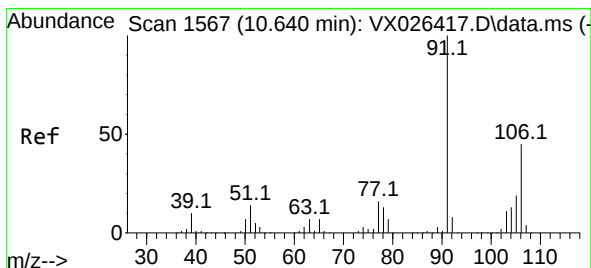
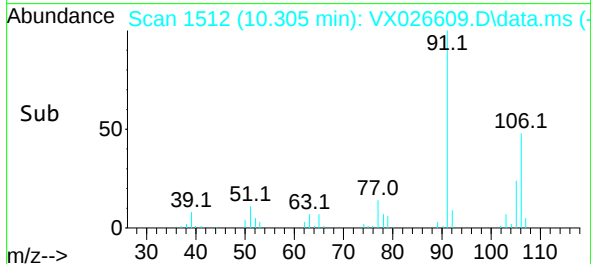
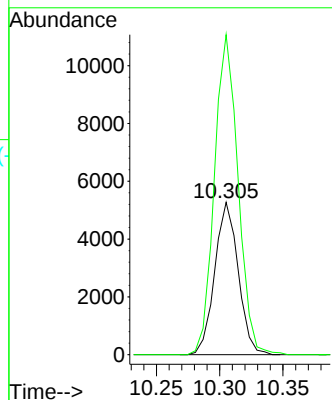
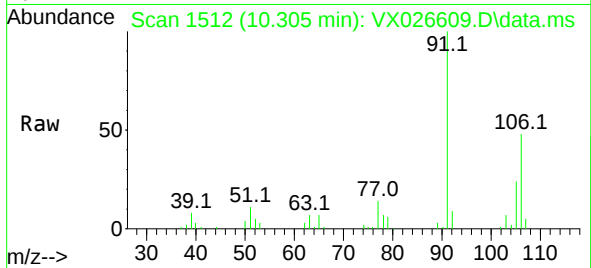




#68
m/p-Xylenes
Concen: 2.405 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX026609.D
Acq: 26 Jan 2022 20:52

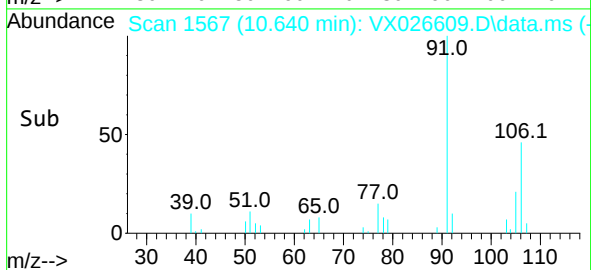
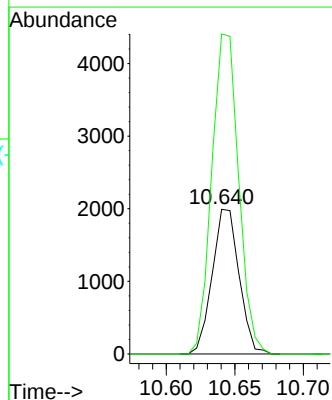
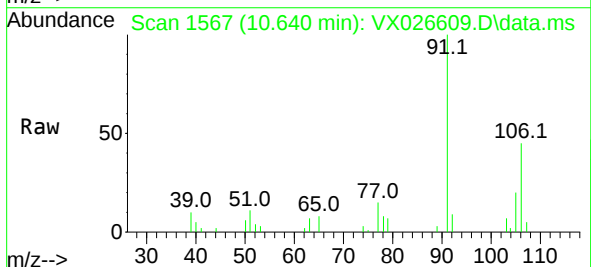
Instrument :
MSVOA_X
ClientSampleId :
MW-15R

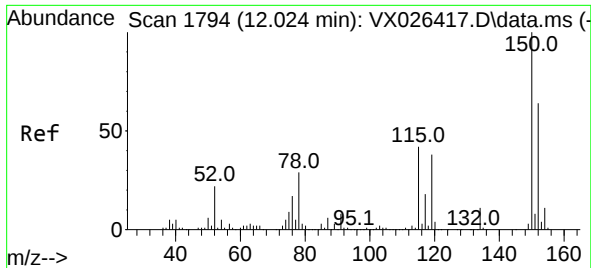
Tgt Ion:106 Resp: 6793
Ion Ratio Lower Upper
106 100
91 211.5 165.3 247.9



#69
o-Xylene
Concen: 0.998 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX026609.D
Acq: 26 Jan 2022 20:52

Tgt Ion:106 Resp: 2719
Ion Ratio Lower Upper
106 100
91 221.4 109.7 329.0

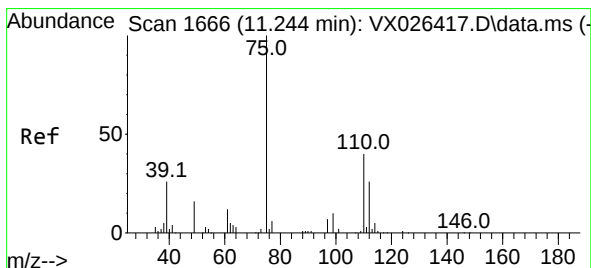
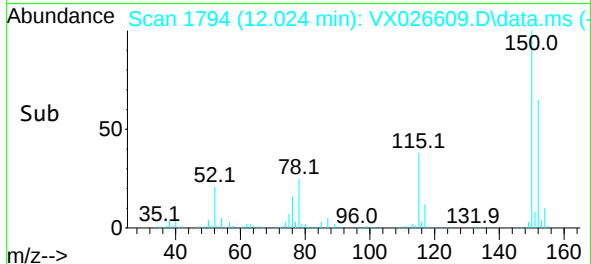
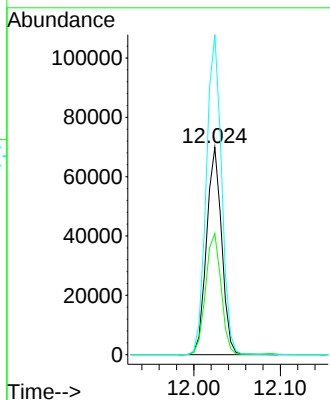
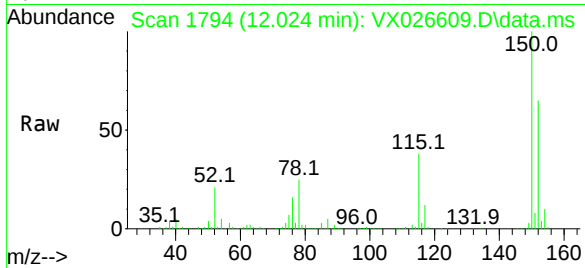




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX026609.D
 Acq: 26 Jan 2022 20:52

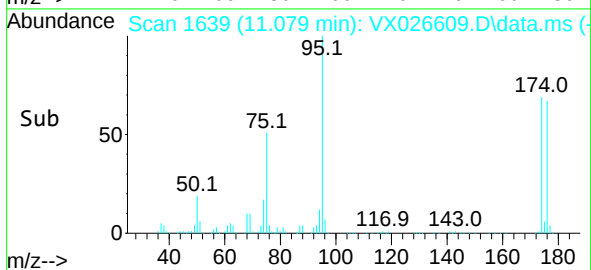
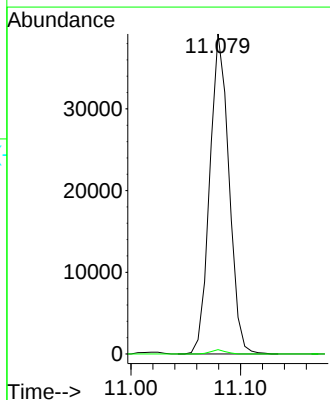
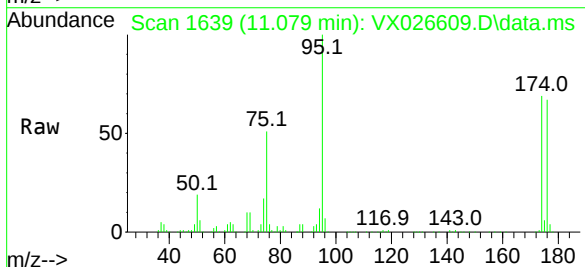
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-15R

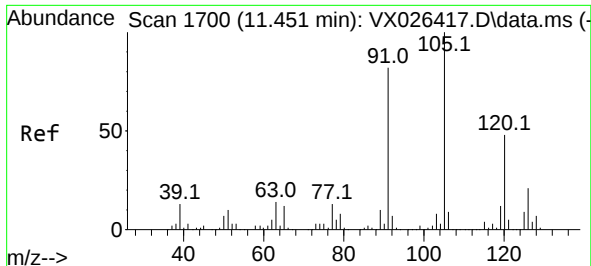
Tgt Ion:152 Resp: 84691
 Ion Ratio Lower Upper
 152 100
 115 59.9 44.2 132.6
 150 156.4 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 25.567 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.164 min
 Lab File: VX026609.D
 Acq: 26 Jan 2022 20:52

Tgt Ion: 75 Resp: 47675
 Ion Ratio Lower Upper
 75 100
 77 1.0 18.3 54.8#

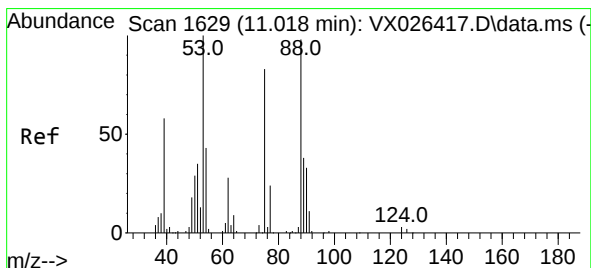
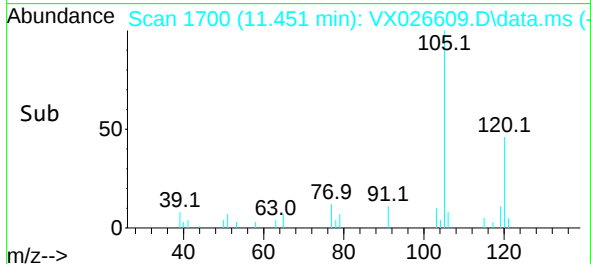
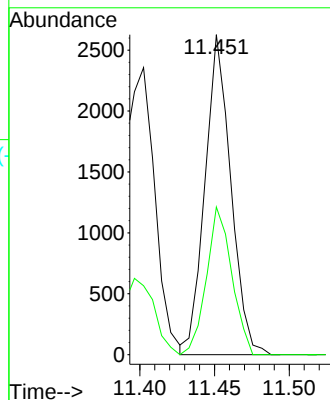
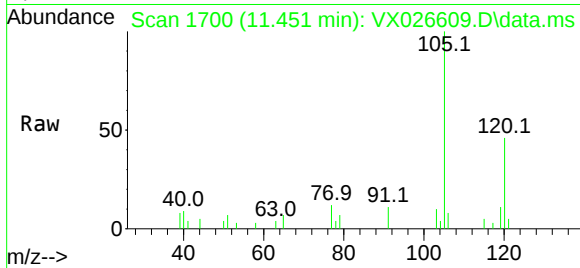




#80
1,3,5-Trimethylbenzene
Concen: 0.551 ug/l
RT: 11.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026609.D
Acq: 26 Jan 2022 20:52

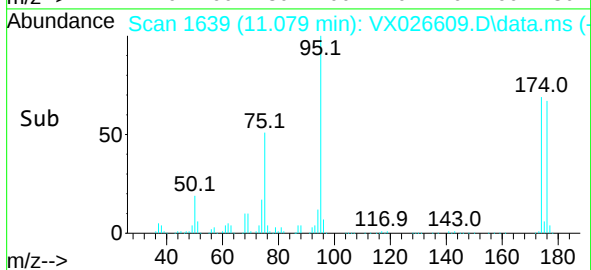
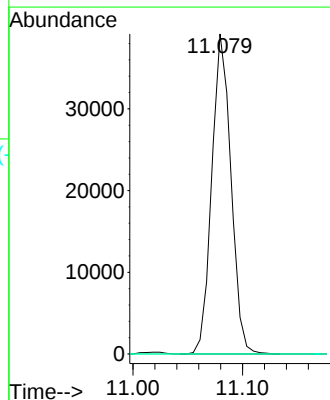
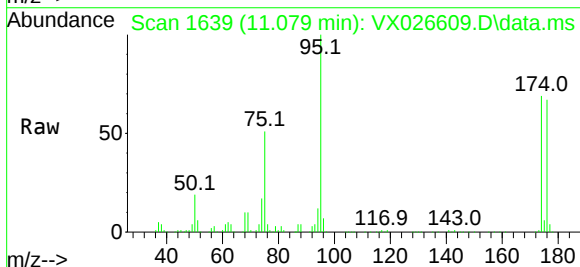
Instrument :
MSVOA_X
ClientSampleId :
MW-15R

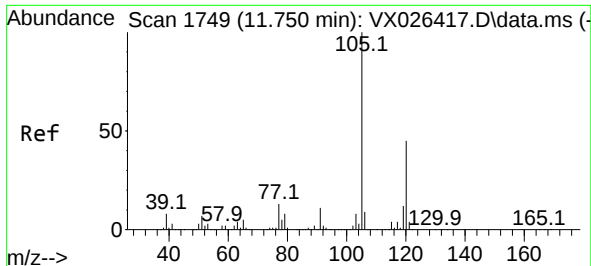
Tgt Ion:105 Resp: 3156
Ion Ratio Lower Upper
105 100
120 45.1 24.0 72.0



#81
trans-1,4-Dichloro-2-butene
Concen: 77.601 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026609.D
Acq: 26 Jan 2022 20:52

Tgt Ion: 75 Resp: 47675
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

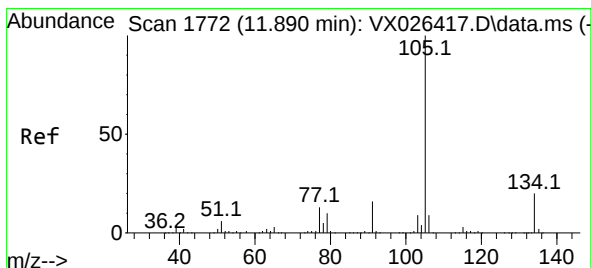
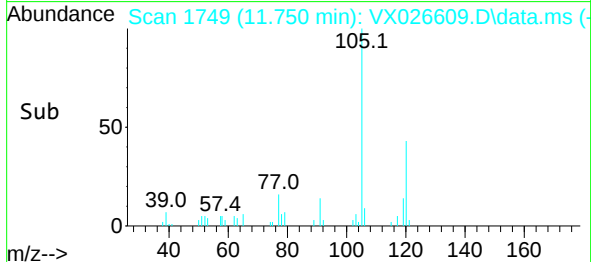
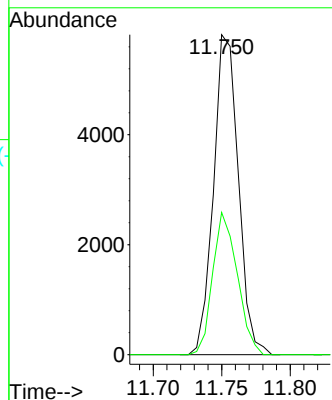
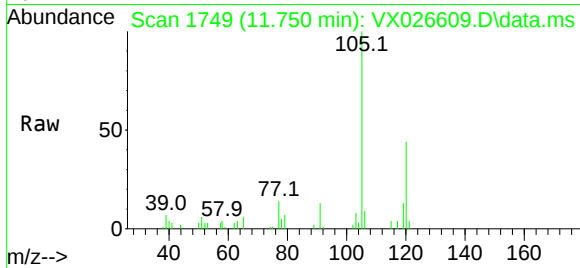




#84
1,2,4-Trimethylbenzene
Concen: 1.281 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX026609.D
Acq: 26 Jan 2022 20:52

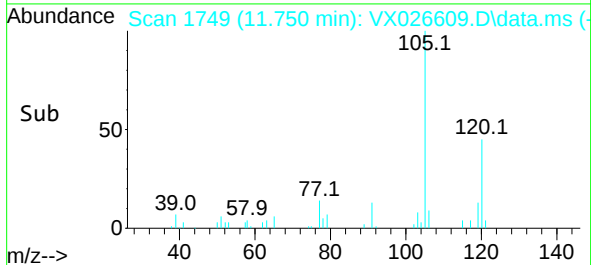
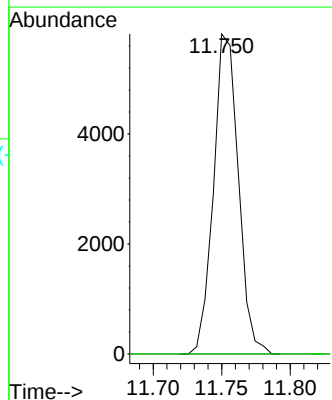
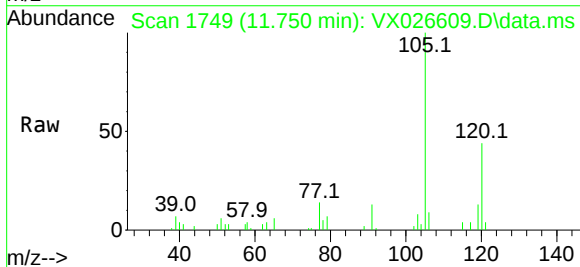
Instrument :
MSVOA_X
ClientSampleId :
MW-15R

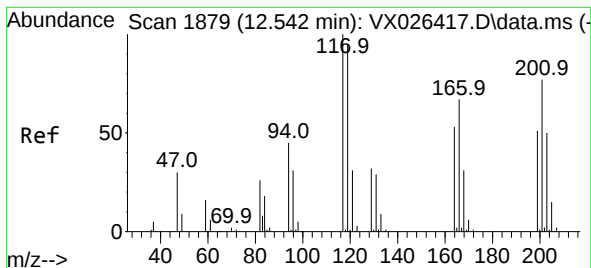
Tgt Ion:105 Resp: 7330
Ion Ratio Lower Upper
105 100
120 44.0 21.9 65.5



#85
sec-Butylbenzene
Concen: 1.061 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.140 min
Lab File: VX026609.D
Acq: 26 Jan 2022 20:52

Tgt Ion:105 Resp: 7330
Ion Ratio Lower Upper
105 100
134 0.0 10.1 30.1#





#90

Hexachloroethane

Concen: 2.337 ug/l

RT: 12.616 min Scan# 1879

Delta R.T. 0.074 min

Lab File: VX026609.D

Acq: 26 Jan 2022 20:52

Instrument :

MSVOA_X

ClientSampleId :

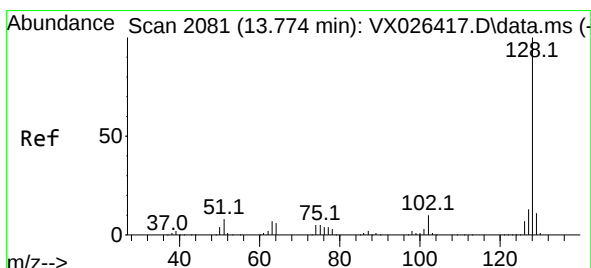
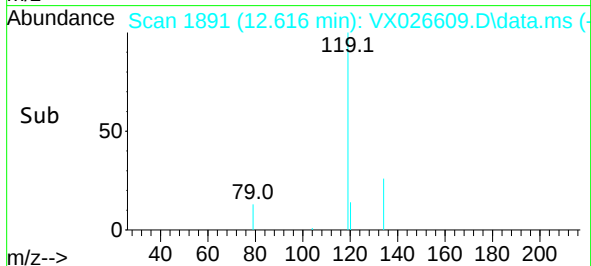
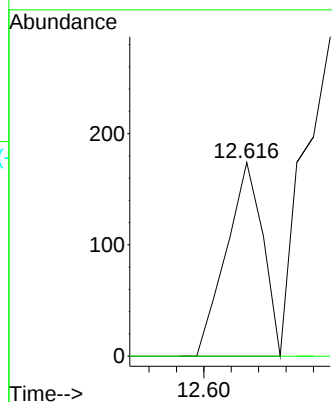
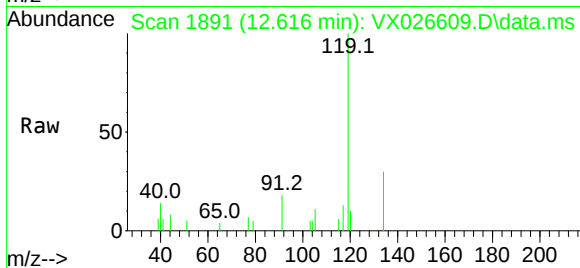
MW-15R

Tgt Ion:117 Resp: 161

Ion Ratio Lower Upper

117 100

201 0.0 35.6 106.8#



#95

Naphthalene

Concen: 0.617 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX026609.D

Acq: 26 Jan 2022 20:52

Tgt Ion:128 Resp: 3717

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

129 11.1 8.7 13.1

