

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030122\
 Data File : VX027259.D
 Acq On : 01 Mar 2022 19:24
 Operator : JC/MD
 Sample : N1725-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-03

Quant Time: Mar 02 00:37:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 13:06:57 2022
 Response via : Initial Calibration

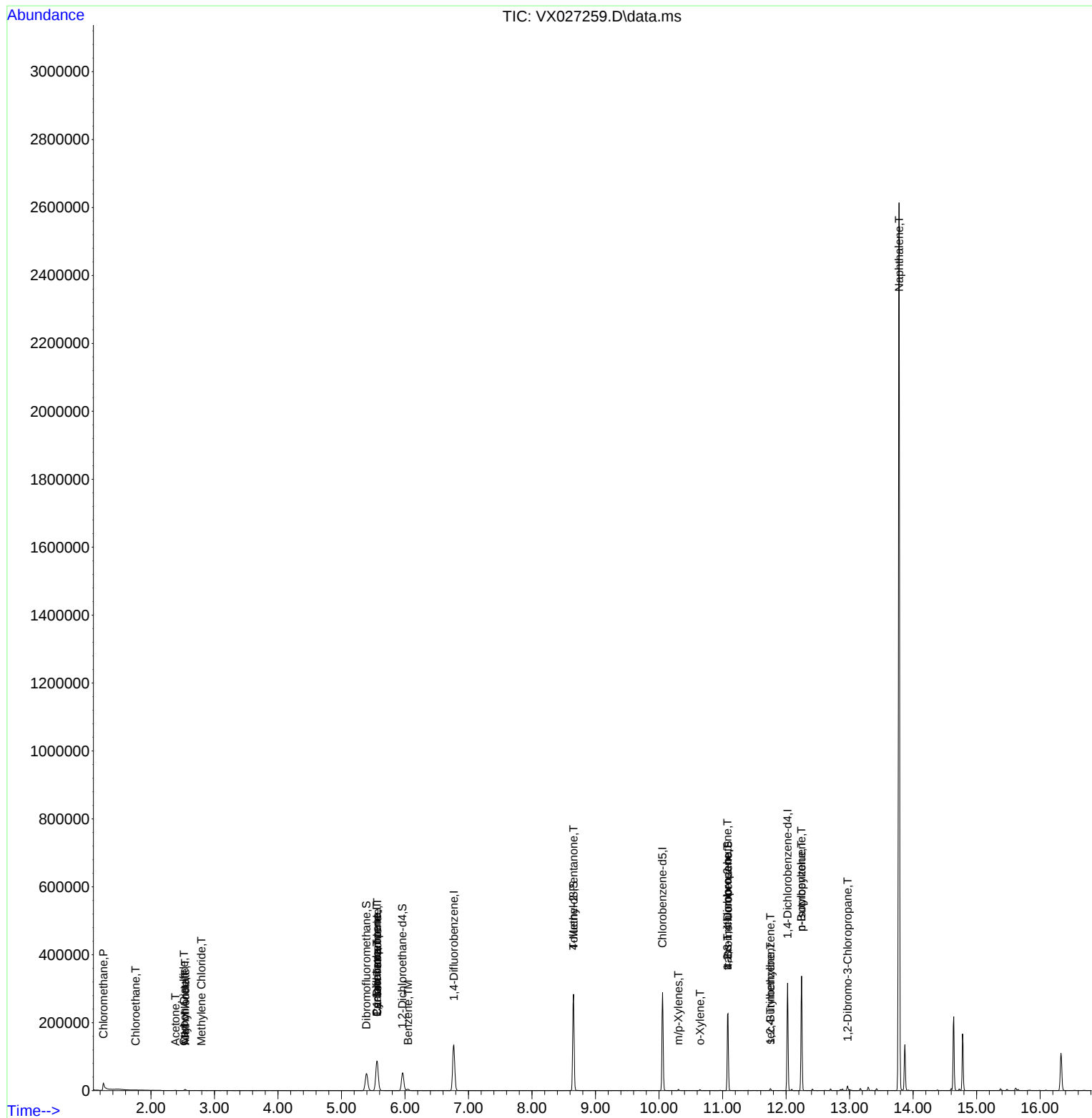
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	86302	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	143178	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	130847	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64100	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	51259	49.454	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.900%
35) Dibromofluoromethane	5.391	113	44269	49.812	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.620%
50) Toluene-d8	8.653	98	166826	50.202	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.400%
62) 4-Bromofluorobenzene	11.085	95	62745	49.190	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.380%
Target Compounds						
					Qvalue	
3) Chloromethane	1.252	50	505	0.630	ug/l #	42
6) Chloroethane	1.758	64	114	0.232	ug/l #	43
14) Allyl chloride	2.538	41	326	0.220	ug/l #	1
16) Acetone	2.386	43	1166	2.562	ug/l #	85
17) Carbon Disulfide	2.520	76	887	0.406	ug/l #	74
18) Methyl Acetate	2.538	43	966	0.822	ug/l #	53
20) Methylene Chloride	2.794	84	270	0.286	ug/l #	78
31) Cyclohexane	5.556	56	1437	0.926	ug/l #	4
36) 1,1-Dichloropropene	5.556	75	6240	4.811	ug/l #	50
38) Carbon Tetrachloride	5.562	117	8258	6.105	ug/l #	18
40) Benzene	6.050	78	4861	1.282	ug/l	95
51) 4-Methyl-2-Pentanone	8.653	43	641	0.450	ug/l #	1
68) m/p-Xylenes	10.305	106	880	0.489	ug/l	95
69) o-Xylene	10.646	106	648	0.359	ug/l	93
76) 1,2,3-Trichloropropane	11.079	75	30683	23.765	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	30683	67.552	ug/l #	3
84) 1,2,4-Trimethylbenzene	11.756	105	2856	0.744	ug/l	92
85) sec-Butylbenzene	11.756	105	2856	0.607	ug/l #	56
86) p-Isopropyltoluene	12.244	119	7028	1.753	ug/l #	1
89) n-Butylbenzene	12.244	91	20937	6.249	ug/l #	42
92) 1,2-Dibromo-3-Chloropr...	12.969	75	202	0.642	ug/l #	3
95) Naphthalene	13.780	128	1603343	355.968	ug/l	99

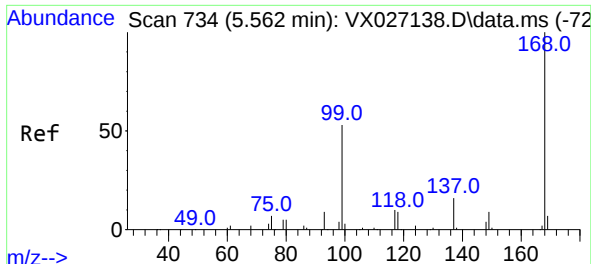
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030122\
Data File : VX027259.D
Acq On : 01 Mar 2022 19:24
Operator : JC/MD
Sample : N1725-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-03

Quant Time: Mar 02 00:37:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 23 13:06:57 2022
Response via : Initial Calibration

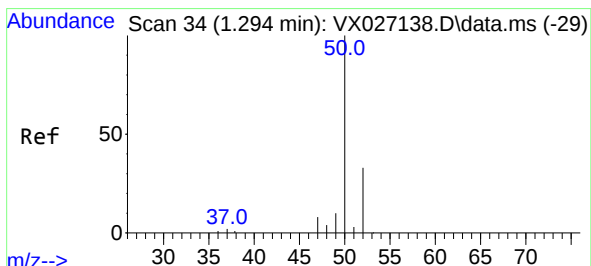
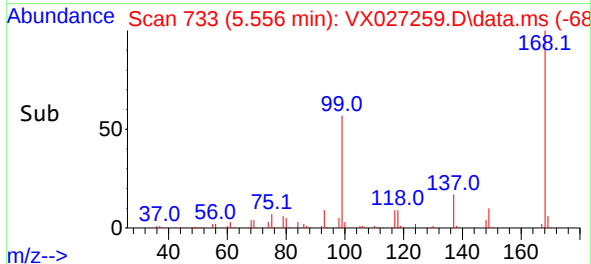
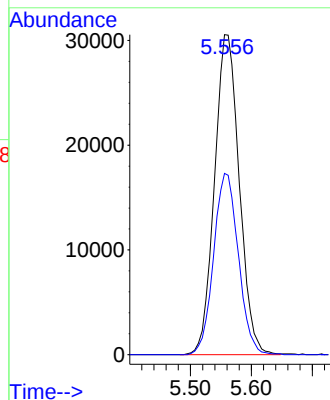
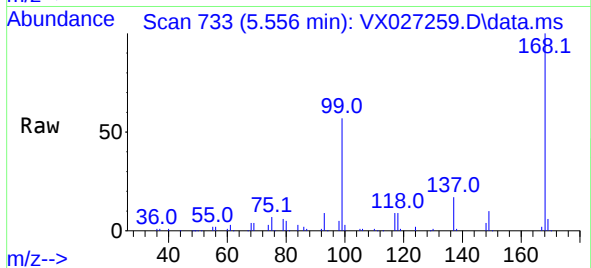




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX027259.D
Acq: 01 Mar 2022 19:24

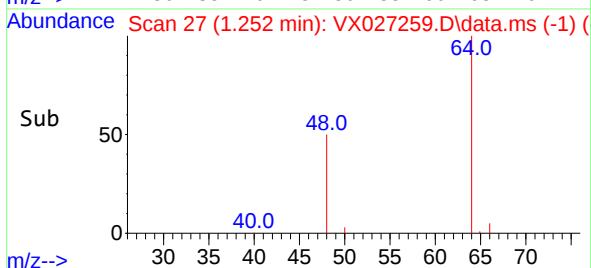
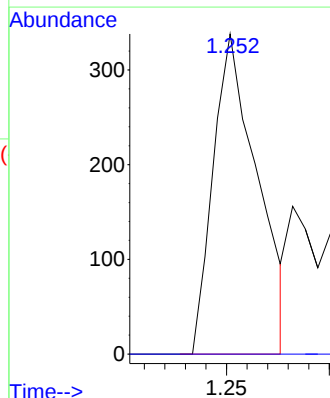
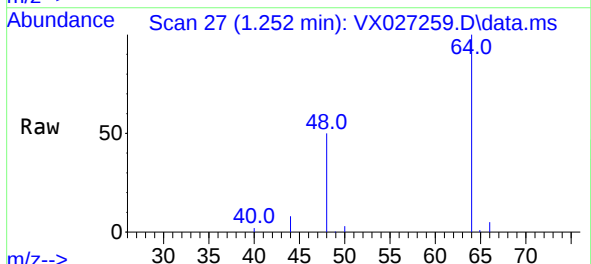
Instrument :
MSVOA_X
ClientSampleId :
MW-03

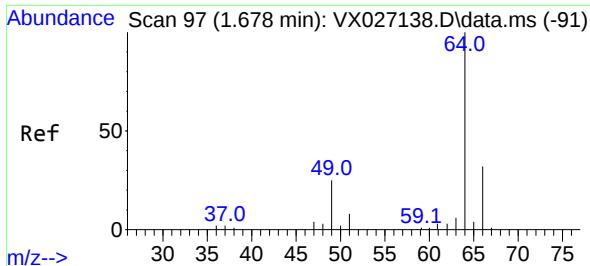
Tgt Ion:168 Resp: 86302
Ion Ratio Lower Upper
168 100
99 56.7 50.3 75.5



#3
Chloromethane
Concen: 0.630 ug/l
RT: 1.252 min Scan# 27
Delta R.T. -0.042 min
Lab File: VX027259.D
Acq: 01 Mar 2022 19:24

Tgt Ion: 50 Resp: 505
Ion Ratio Lower Upper
50 100
52 0.0 26.1 39.1#

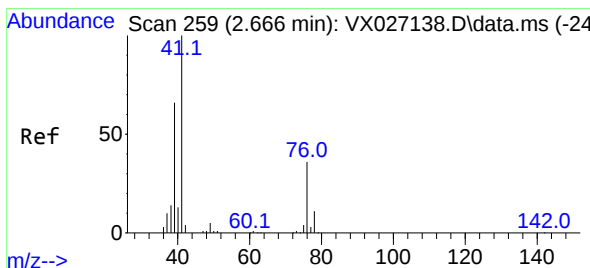
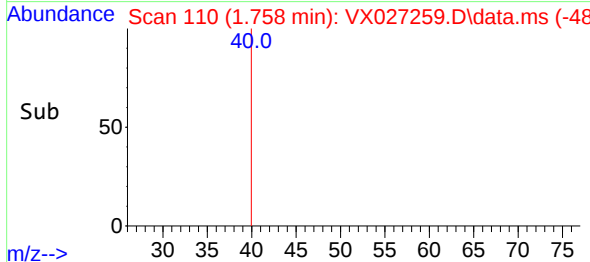
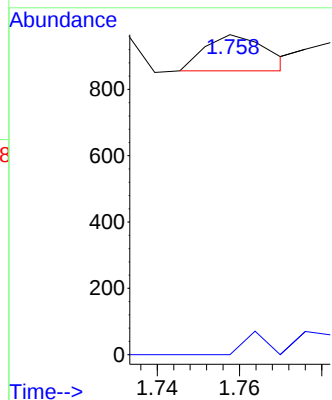
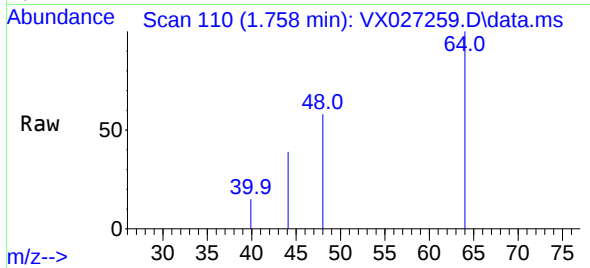




#6
Chloroethane
Concen: 0.232 ug/l
RT: 1.758 min Scan# 110
Delta R.T. 0.080 min
Lab File: VX027259.D
Acq: 01 Mar 2022 19:24

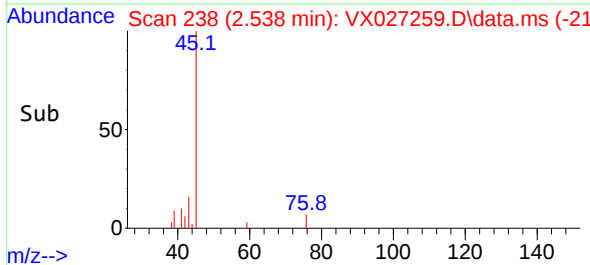
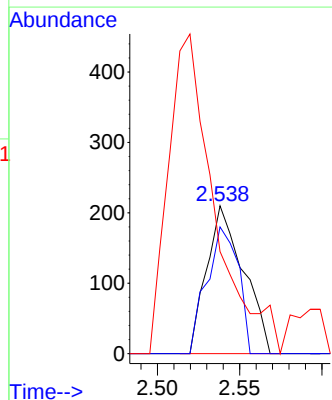
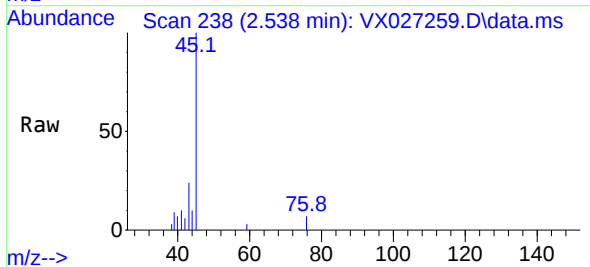
Instrument :
MSVOA_X
ClientSampleId :
MW-03

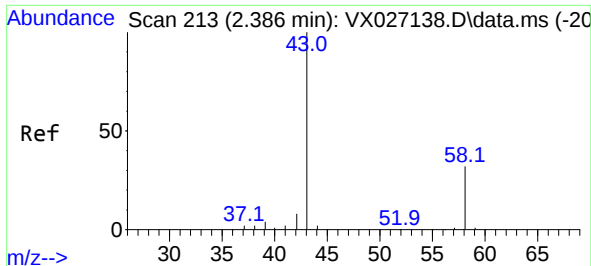
Tgt Ion: 64 Resp: 114
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#14
Allyl chloride
Concen: 0.220 ug/l
RT: 2.538 min Scan# 238
Delta R.T. -0.128 min
Lab File: VX027259.D
Acq: 01 Mar 2022 19:24

Tgt Ion: 41 Resp: 326
Ion Ratio Lower Upper
41 100
39 73.3 54.2 81.4
76 272.1 25.2 37.8#

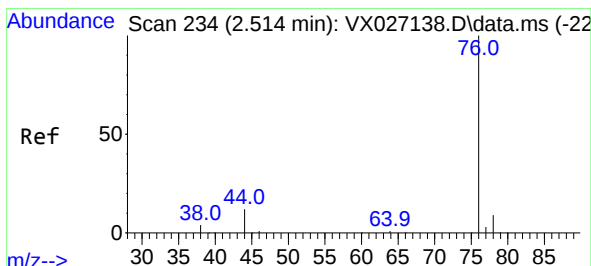
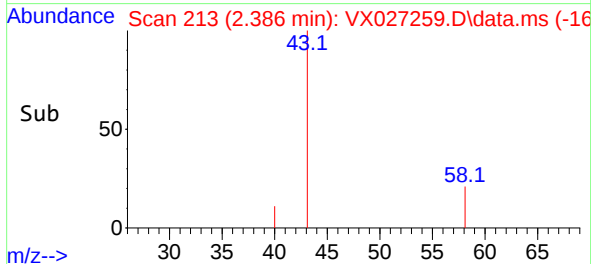
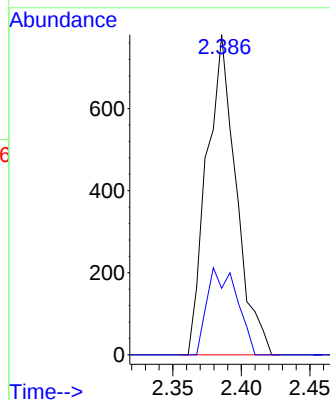
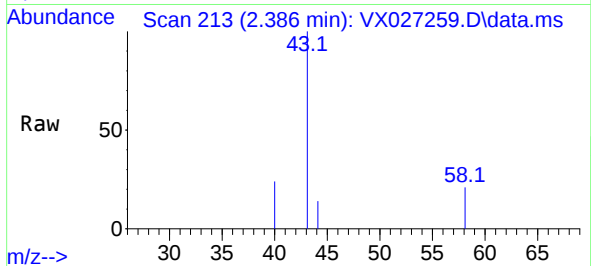




#16
Acetone
Concen: 2.562 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX027259.D
Acq: 01 Mar 2022 19:24

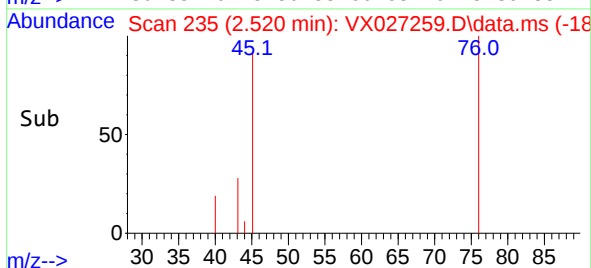
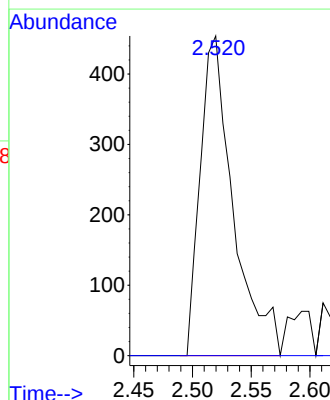
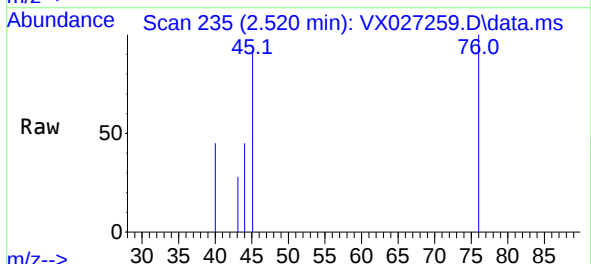
Instrument :
MSVOA_X
ClientSampleId :
MW-03

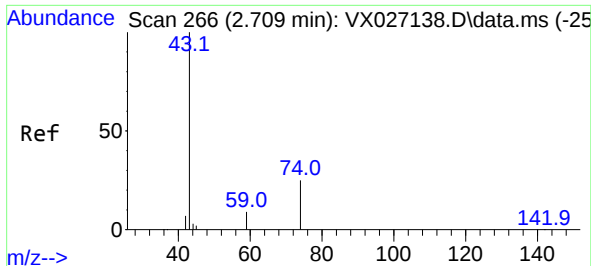
Tgt Ion: 43 Resp: 1166
Ion Ratio Lower Upper
43 100
58 20.8 23.0 34.6#



#17
Carbon Disulfide
Concen: 0.406 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX027259.D
Acq: 01 Mar 2022 19:24

Tgt Ion: 76 Resp: 887
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#

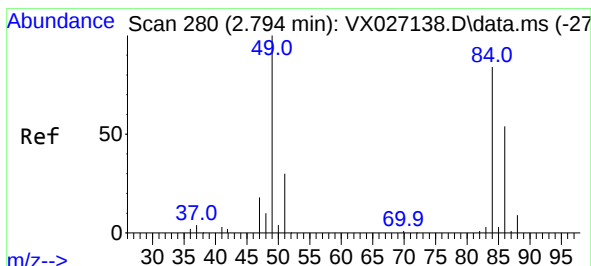
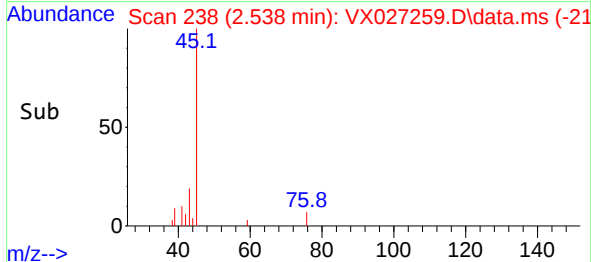
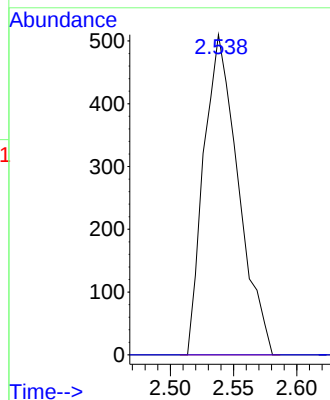
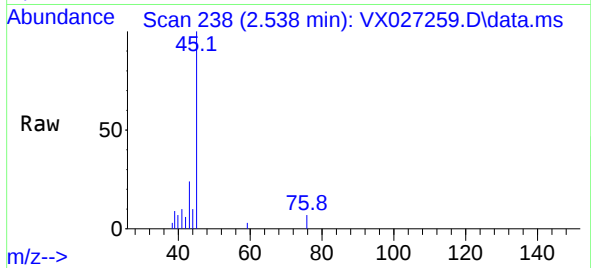




#18
Methyl Acetate
Concen: 0.822 ug/l
RT: 2.538 min Scan# 21
Delta R.T. -0.171 min
Lab File: VX027259.D
Acq: 01 Mar 2022 19:24

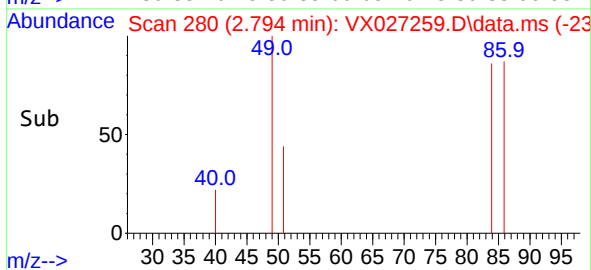
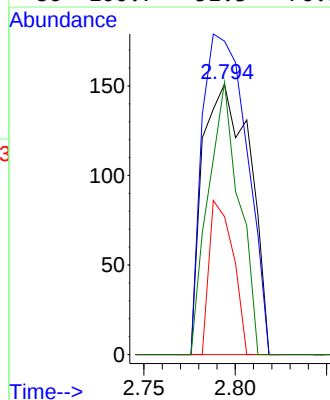
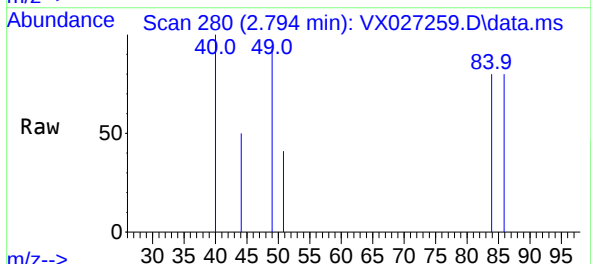
Instrument :
MSVOA_X
ClientSampleId :
MW-03

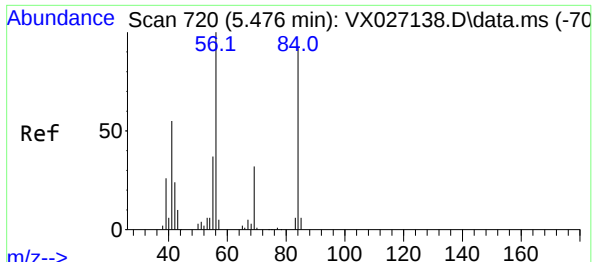
Tgt Ion: 43 Resp: 966
Ion Ratio Lower Upper
43 100
74 0.0 18.3 27.5#



#20
Methylene Chloride
Concen: 0.286 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX027259.D
Acq: 01 Mar 2022 19:24

Tgt Ion: 84 Resp: 270
Ion Ratio Lower Upper
84 100
49 115.9 101.5 152.3
51 51.0 31.2 46.8#
86 100.7 51.3 76.9#

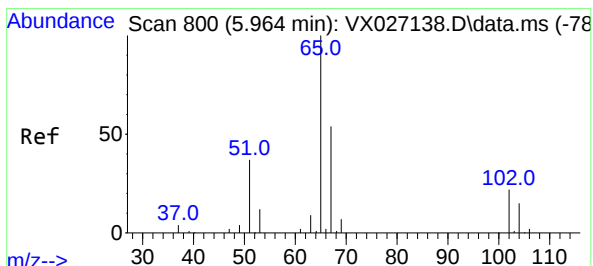
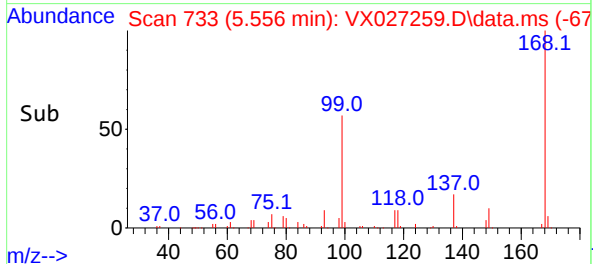
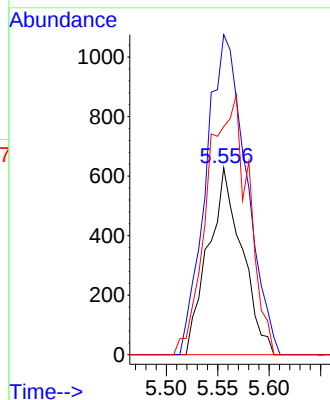
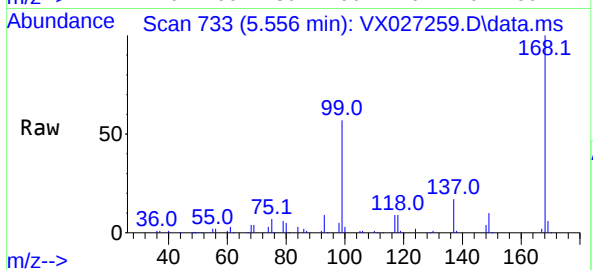




#31
Cyclohexane
Concen: 0.926 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX027259.D
Acq: 01 Mar 2022 19:24

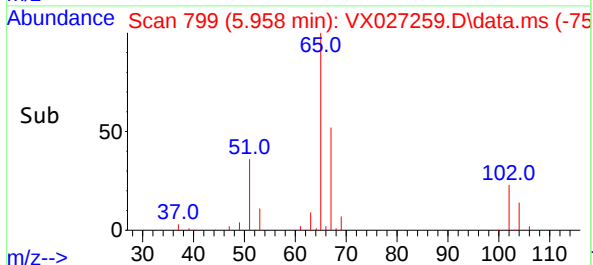
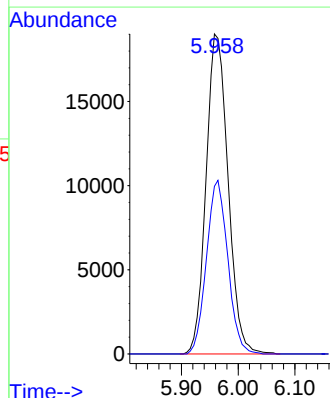
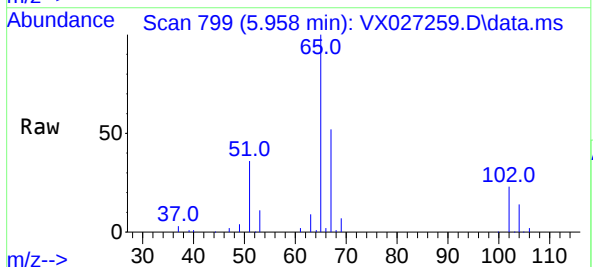
Instrument :
MSVOA_X
ClientSampleId :
MW-03

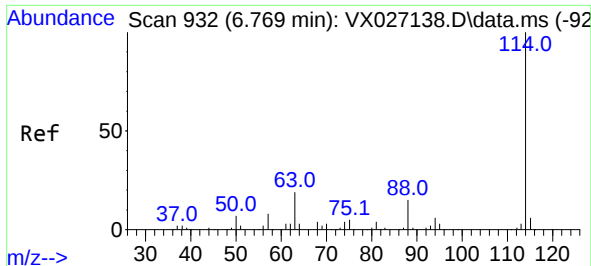
Tgt Ion: 56 Resp: 1437
Ion Ratio Lower Upper
56 100
69 171.2 25.8 38.6#
84 122.0 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 49.454 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX027259.D
Acq: 01 Mar 2022 19:24

Tgt Ion: 65 Resp: 51259
Ion Ratio Lower Upper
65 100
67 52.6 0.0 100.8

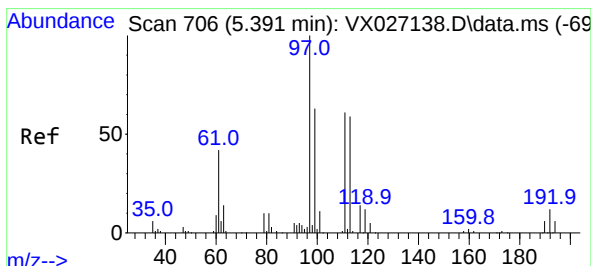
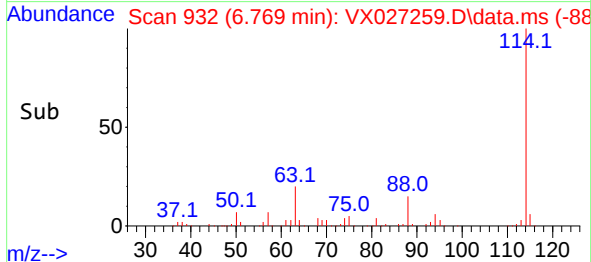
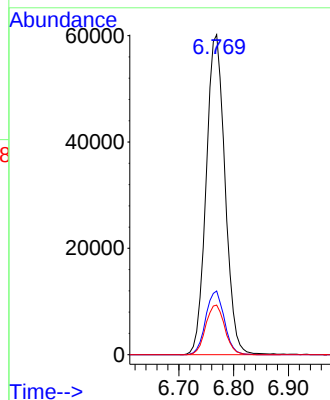
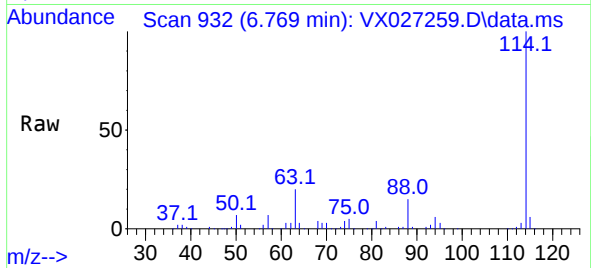




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX027259.D
Acq: 01 Mar 2022 19:24

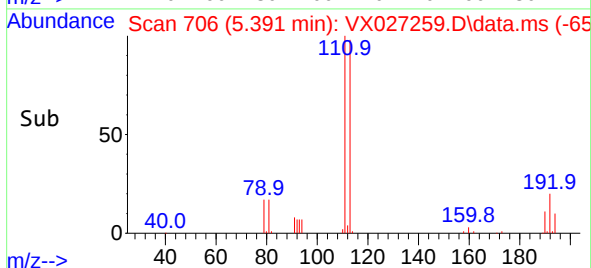
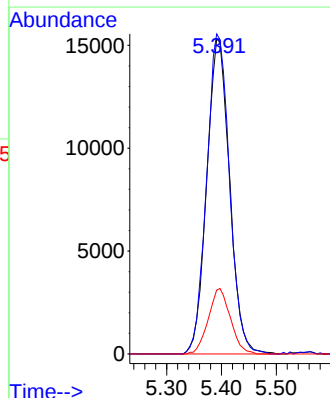
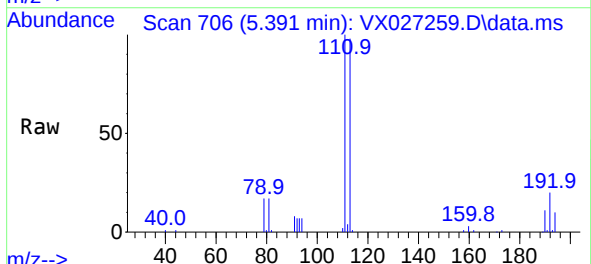
Instrument :
MSVOA_X
ClientSampleId :
MW-03

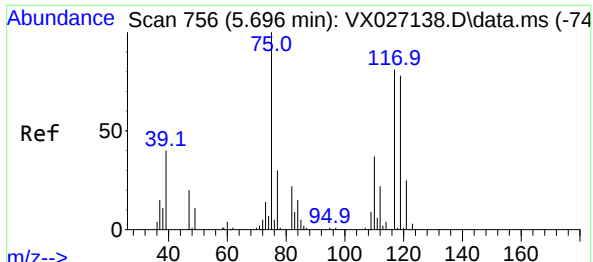
Tgt Ion:114 Resp: 143178
Ion Ratio Lower Upper
114 100
63 19.9 0.0 42.8
88 15.5 0.0 33.0



#35
Dibromofluoromethane
Concen: 49.812 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027259.D
Acq: 01 Mar 2022 19:24

Tgt Ion:113 Resp: 44269
Ion Ratio Lower Upper
113 100
111 101.7 81.2 121.8
192 20.0 15.0 22.4

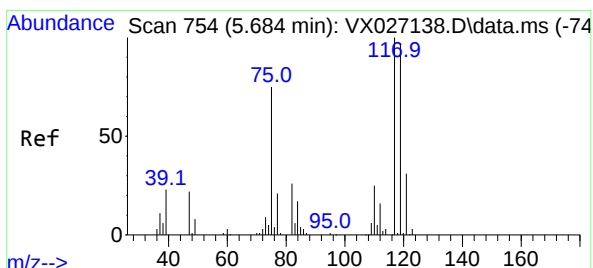
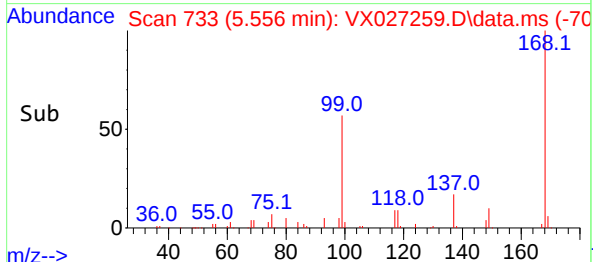
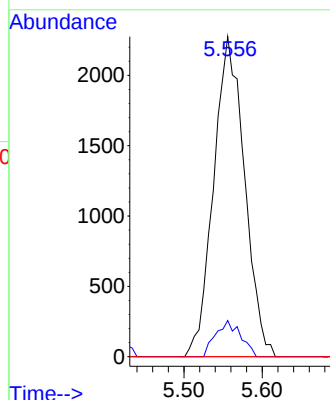
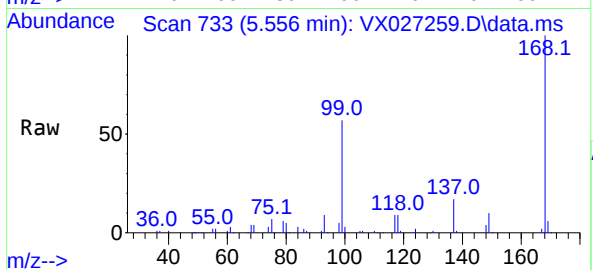




#36
1,1-Dichloropropene
Concen: 4.811 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX027259.D
Acq: 01 Mar 2022 19:24

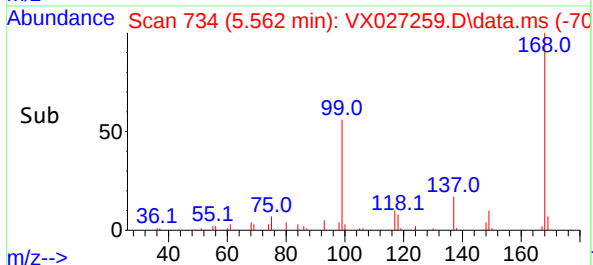
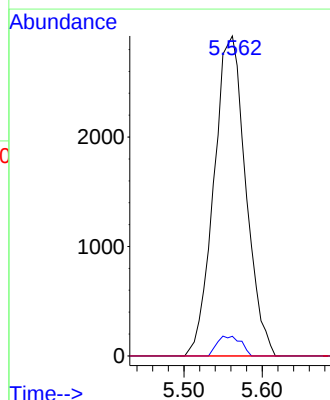
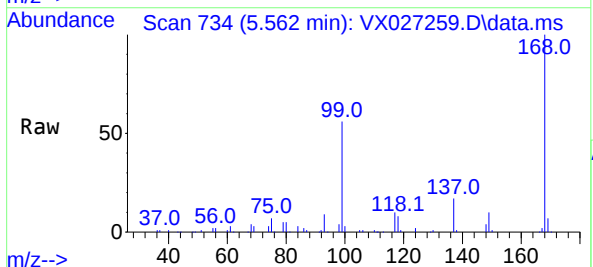
Instrument :
MSVOA_X
ClientSampleId :
MW-03

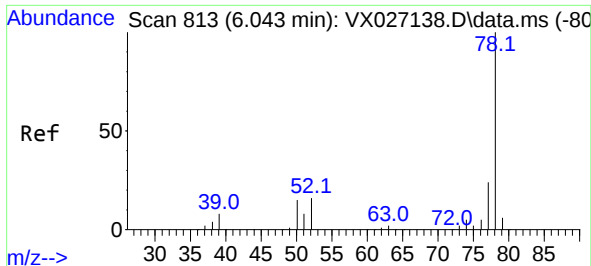
Tgt Ion: 75 Resp: 6240
Ion Ratio Lower Upper
75 100
110 9.1 17.2 51.6#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 6.105 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX027259.D
Acq: 01 Mar 2022 19:24

Tgt Ion: 117 Resp: 8258
Ion Ratio Lower Upper
117 100
119 6.2 74.7 112.1#
121 0.0 25.4 38.0#

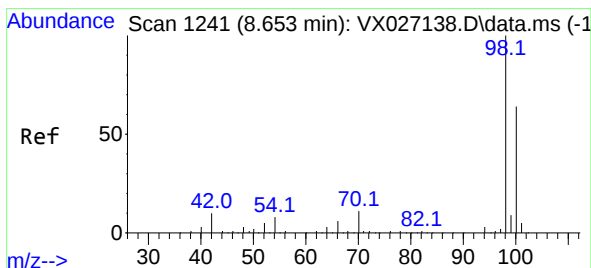
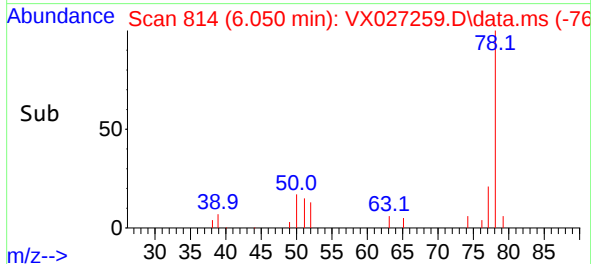
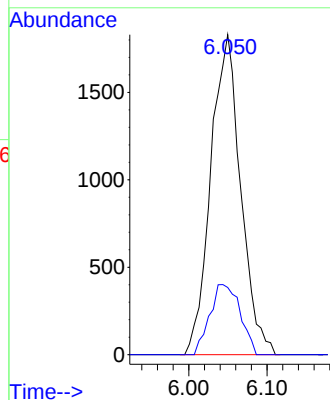
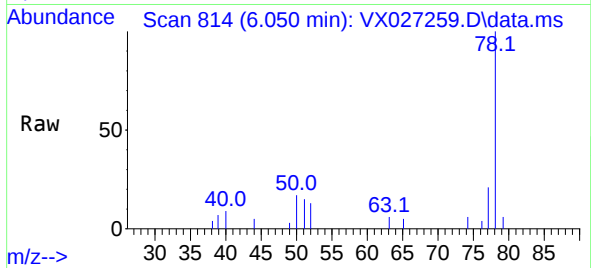




#40
Benzene
Concen: 1.282 ug/l
RT: 6.050 min Scan# 813
Delta R.T. 0.007 min
Lab File: VX027259.D
Acq: 01 Mar 2022 19:24

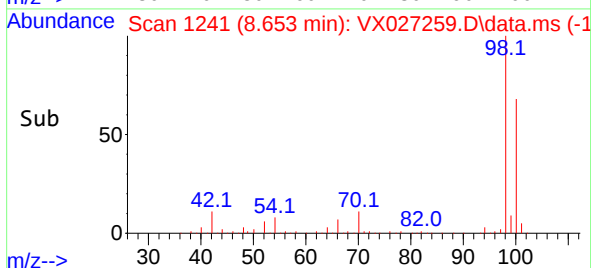
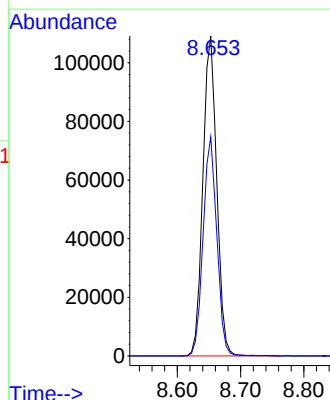
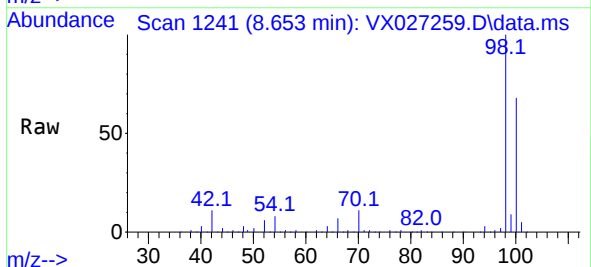
Instrument :
MSVOA_X
ClientSampleId :
MW-03

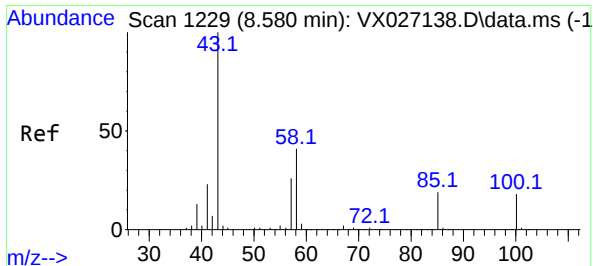
Tgt Ion: 78 Resp: 4861
Ion Ratio Lower Upper
78 100
77 21.0 18.9 28.3



#50
Toluene-d8
Concen: 50.202 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027259.D
Acq: 01 Mar 2022 19:24

Tgt Ion: 98 Resp: 166826
Ion Ratio Lower Upper
98 100
100 67.6 53.2 79.8

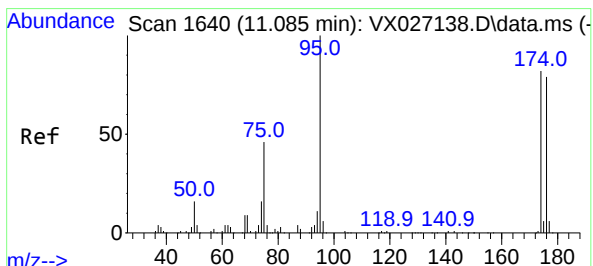
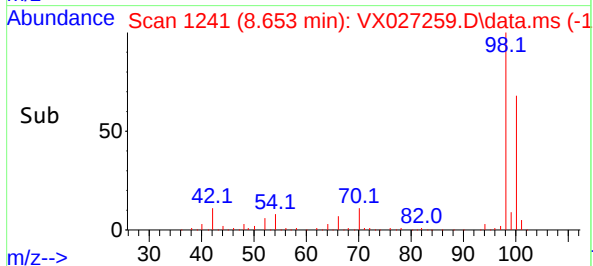
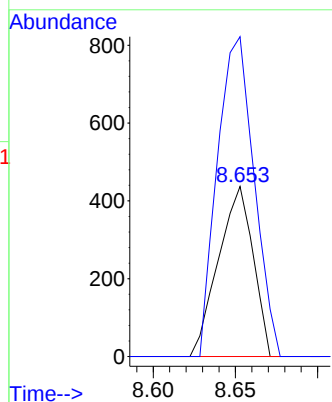
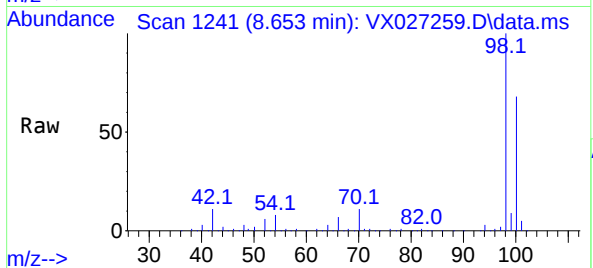




#51
4-Methyl-2-Pentanone
Concen: 0.450 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX027259.D
Acq: 01 Mar 2022 19:24

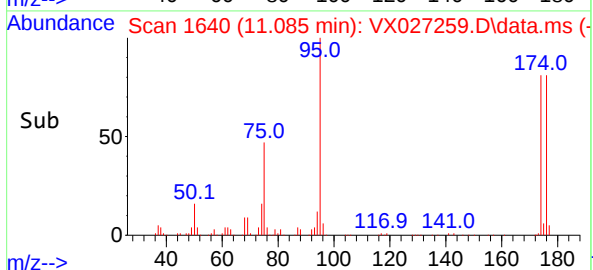
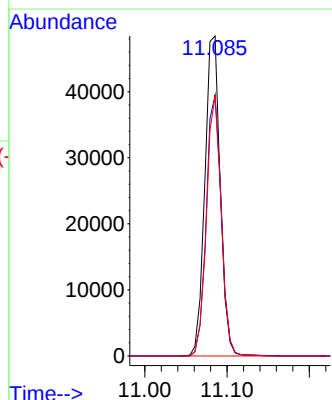
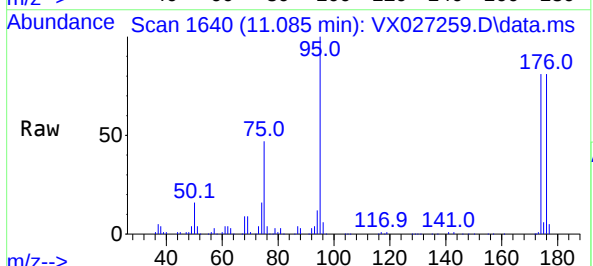
Instrument :
MSVOA_X
ClientSampleId :
MW-03

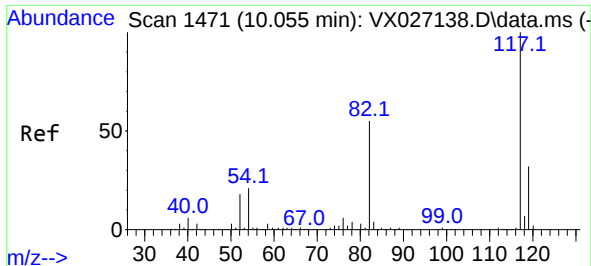
Tgt Ion: 43 Resp: 641
Ion Ratio Lower Upper
43 100
58 198.9 30.5 45.7#



#62
4-Bromofluorobenzene
Concen: 49.190 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX027259.D
Acq: 01 Mar 2022 19:24

Tgt Ion: 95 Resp: 62745
Ion Ratio Lower Upper
95 100
174 80.2 0.0 148.6
176 77.8 0.0 141.4

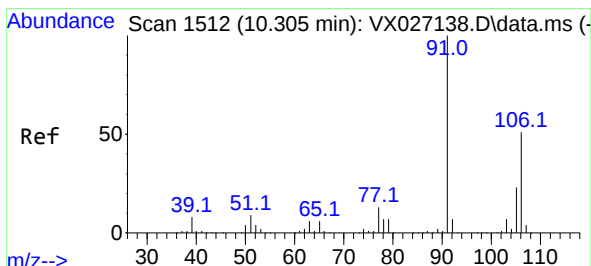
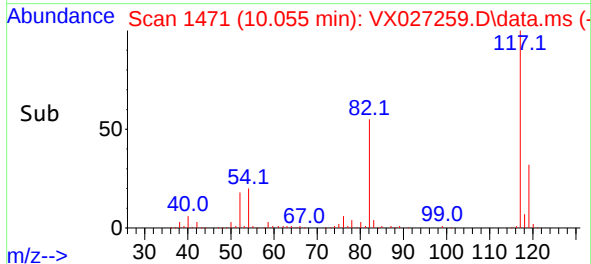
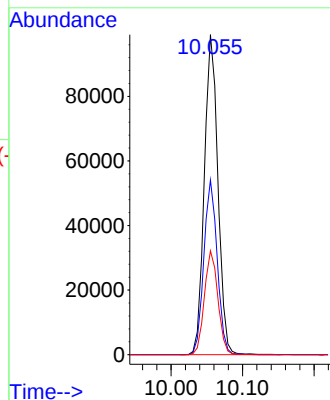
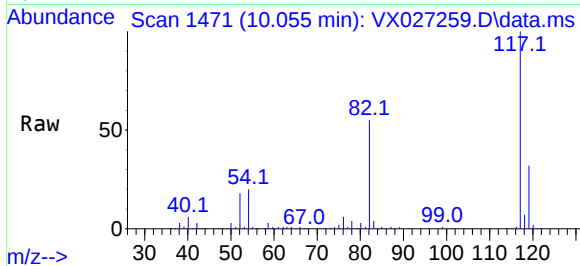




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027259.D
Acq: 01 Mar 2022 19:24

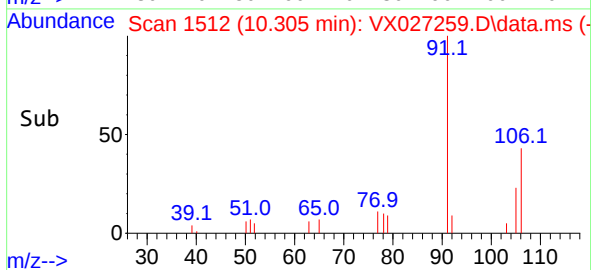
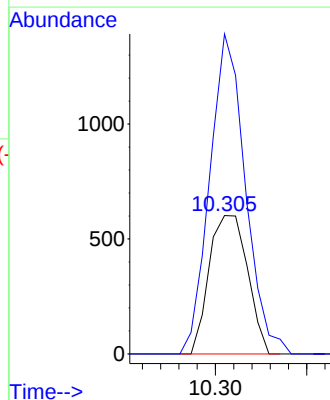
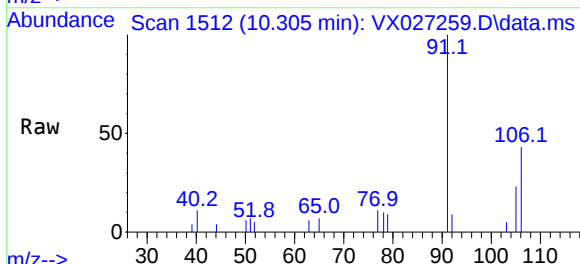
Instrument :
MSVOA_X
ClientSampleId :
MW-03

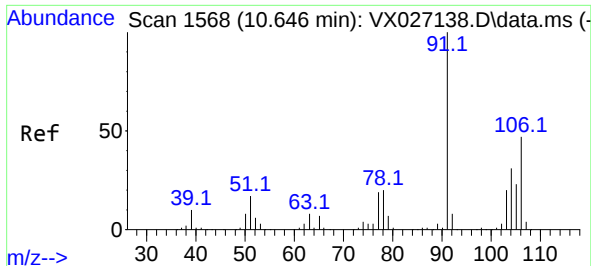
Tgt Ion:117 Resp: 130847
Ion Ratio Lower Upper
117 100
82 54.6 45.2 67.8
119 32.5 26.2 39.2



#68
m/p-Xylenes
Concen: 0.489 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX027259.D
Acq: 01 Mar 2022 19:24

Tgt Ion:106 Resp: 880
Ion Ratio Lower Upper
106 100
91 214.8 165.3 247.9

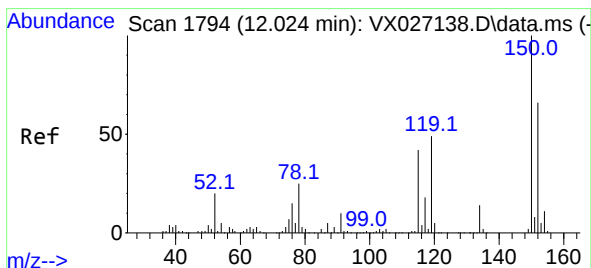
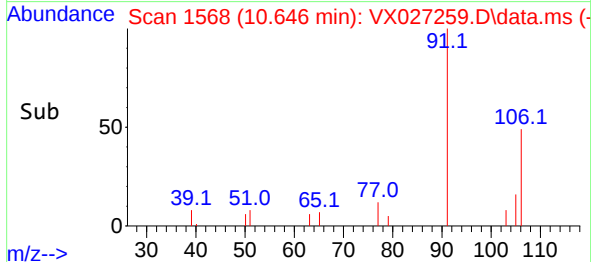
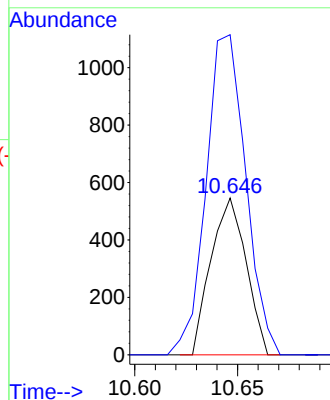
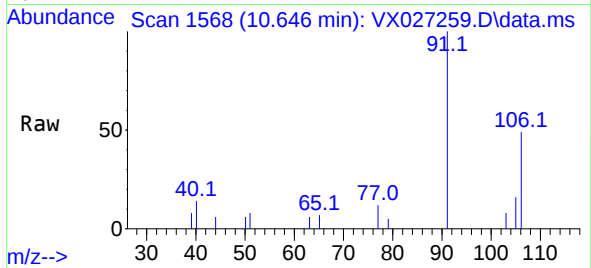




#69
o-Xylene
Concen: 0.359 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027259.D
Acq: 01 Mar 2022 19:24

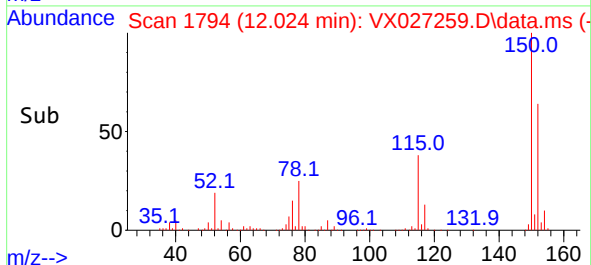
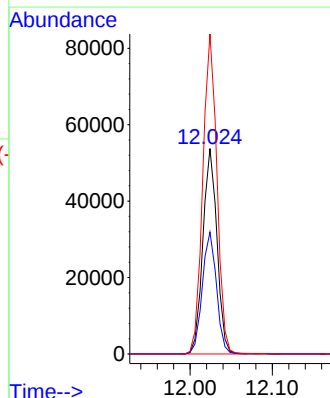
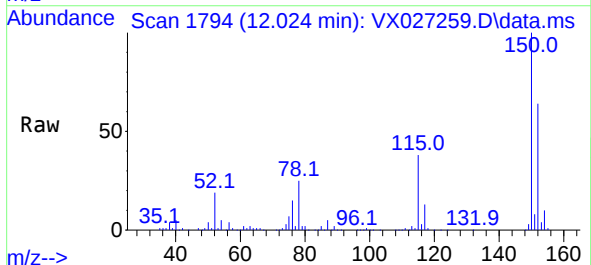
Instrument :
MSVOA_X
ClientSampleId :
MW-03

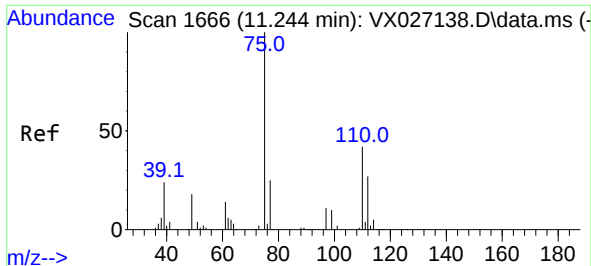
Tgt Ion:106 Resp: 648
Ion Ratio Lower Upper
106 100
91 230.7 109.7 329.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027259.D
Acq: 01 Mar 2022 19:24

Tgt Ion:152 Resp: 64100
Ion Ratio Lower Upper
152 100
115 59.4 44.2 132.6
150 156.3 0.0 348.2

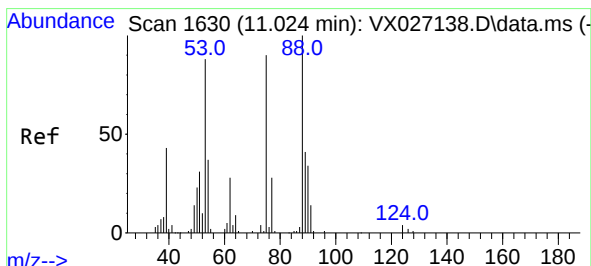
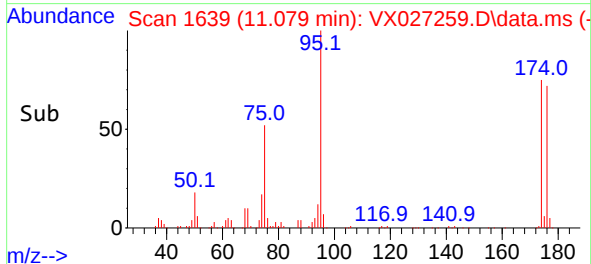
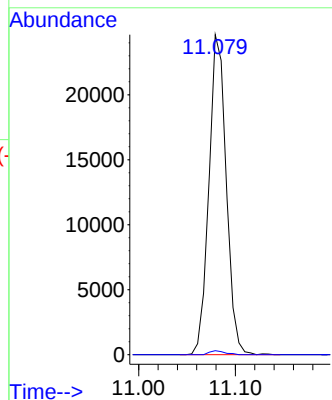
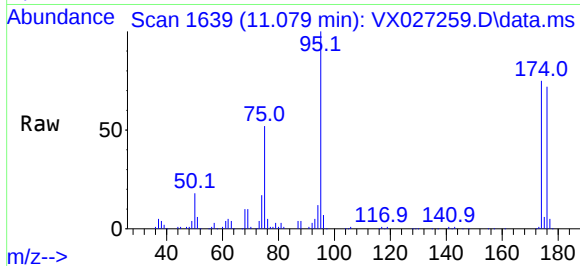




#76
1,2,3-Trichloropropane
Concen: 23.765 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027259.D
Acq: 01 Mar 2022 19:24

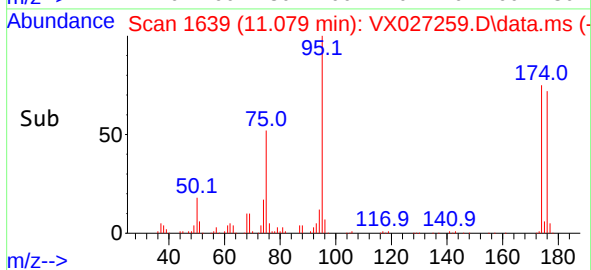
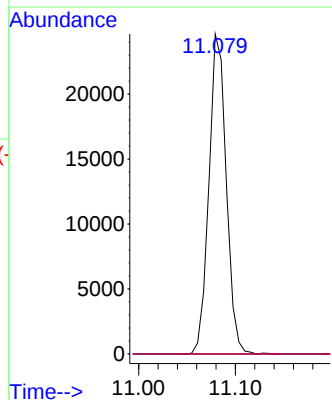
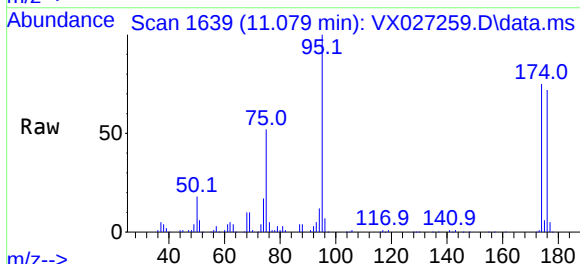
Instrument :
MSVOA_X
ClientSampleId :
MW-03

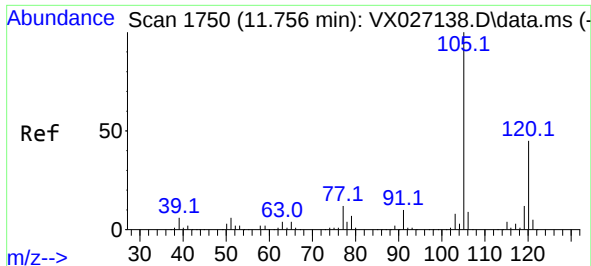
Tgt Ion: 75 Resp: 30683
Ion Ratio Lower Upper
75 100
77 1.1 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.552 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.055 min
Lab File: VX027259.D
Acq: 01 Mar 2022 19:24

Tgt Ion: 75 Resp: 30683
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

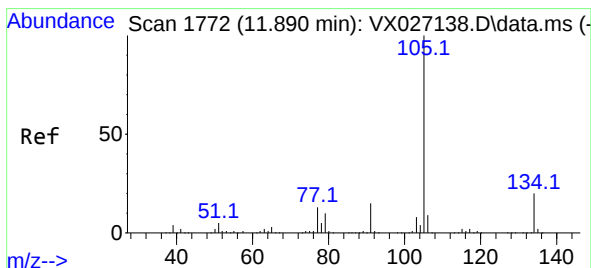
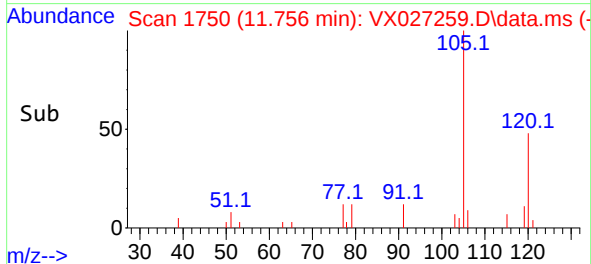
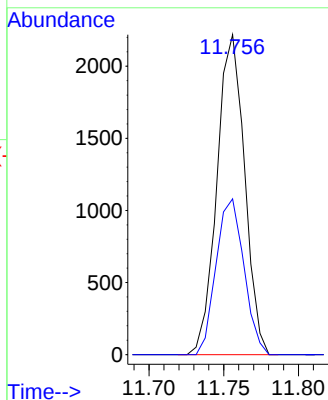
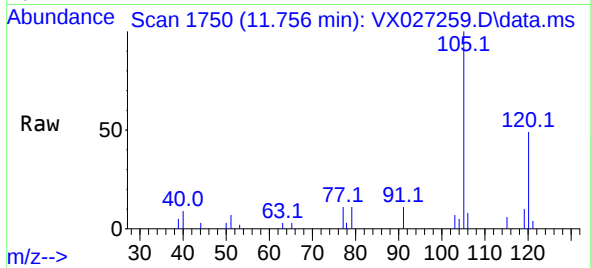




#84
1,2,4-Trimethylbenzene
Concen: 0.744 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX027259.D
Acq: 01 Mar 2022 19:24

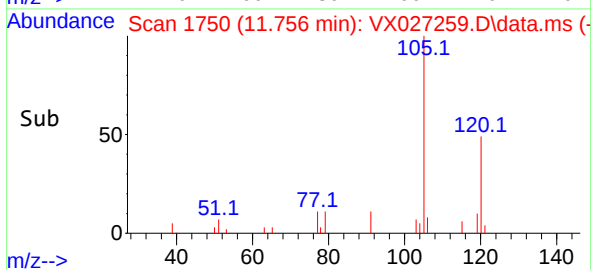
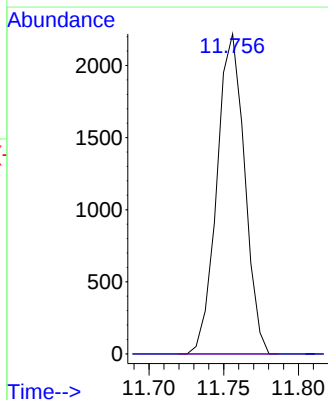
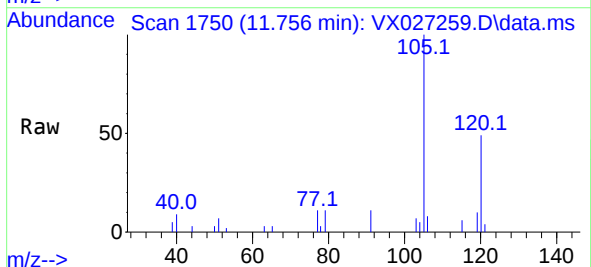
Instrument :
MSVOA_X
ClientSampleId :
MW-03

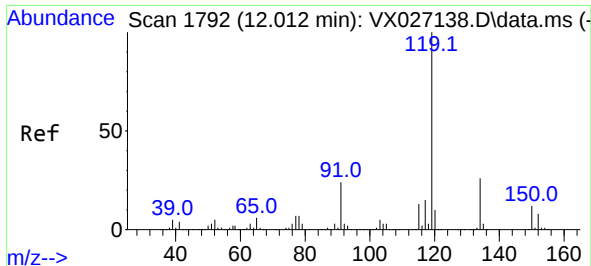
Tgt Ion:105 Resp: 2856
Ion Ratio Lower Upper
105 100
120 48.9 21.9 65.5



#85
sec-Butylbenzene
Concen: 0.607 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.134 min
Lab File: VX027259.D
Acq: 01 Mar 2022 19:24

Tgt Ion:105 Resp: 2856
Ion Ratio Lower Upper
105 100
134 0.0 10.1 30.1#





#86

p-Isopropyltoluene

Concen: 1.753 ug/l

RT: 12.244 min Scan# 1830

Delta R.T. 0.232 min

Lab File: VX027259.D

Acq: 01 Mar 2022 19:24

Instrument :

MSVOA_X

ClientSampleId :

MW-03

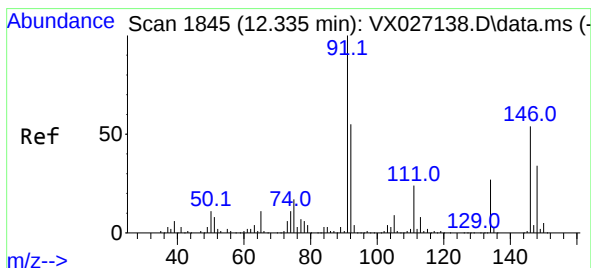
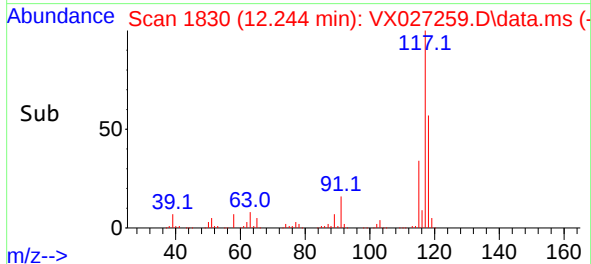
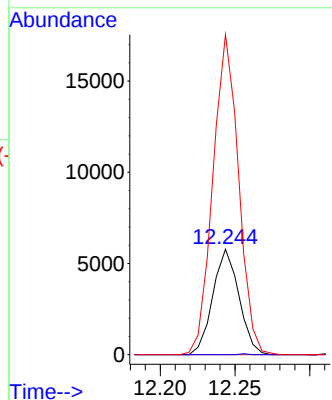
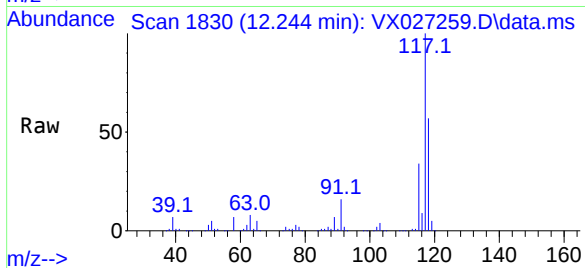
Tgt Ion:119 Resp: 7028

Ion Ratio Lower Upper

119 100

134 0.3 13.0 39.0#

91 297.9 12.6 37.6#



#89

n-Butylbenzene

Concen: 6.249 ug/l

RT: 12.244 min Scan# 1830

Delta R.T. -0.091 min

Lab File: VX027259.D

Acq: 01 Mar 2022 19:24

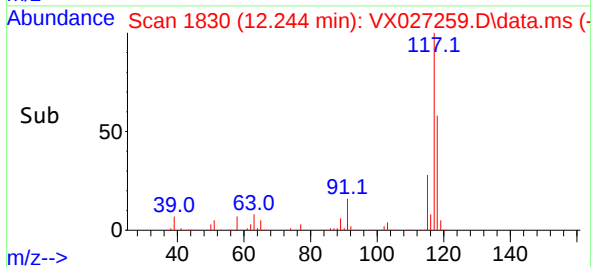
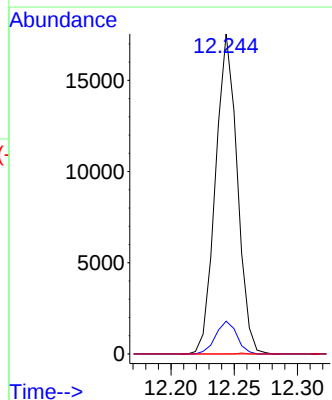
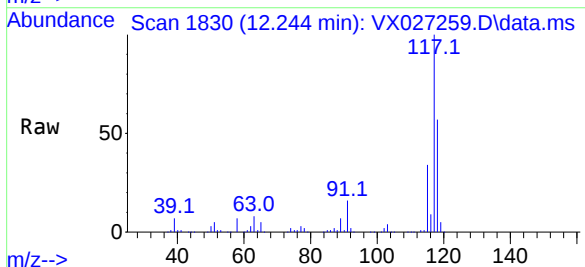
Tgt Ion: 91 Resp: 20937

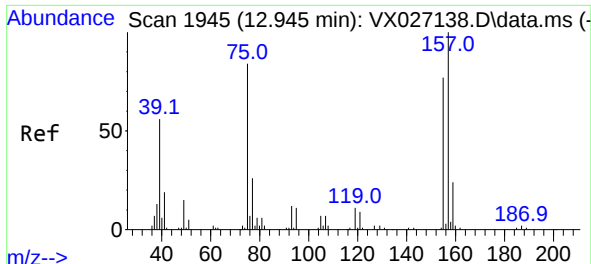
Ion Ratio Lower Upper

91 100

92 9.9 27.2 81.6#

134 0.1 13.1 39.1#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.642 ug/l

RT: 12.969 min Scan# 1949

Delta R.T. 0.024 min

Lab File: VX027259.D

Acq: 01 Mar 2022 19:24

Instrument :

MSVOA_X

ClientSampleId :

MW-03

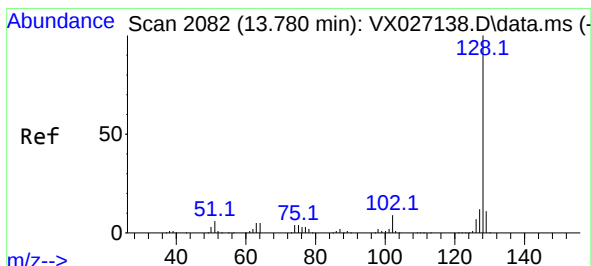
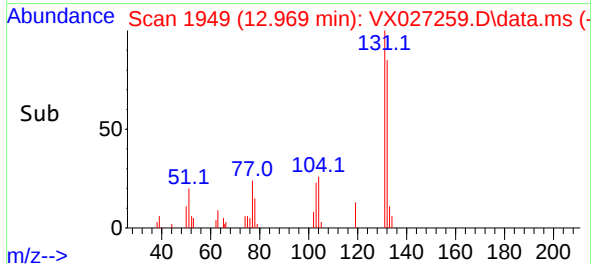
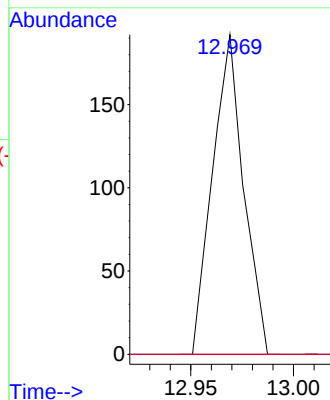
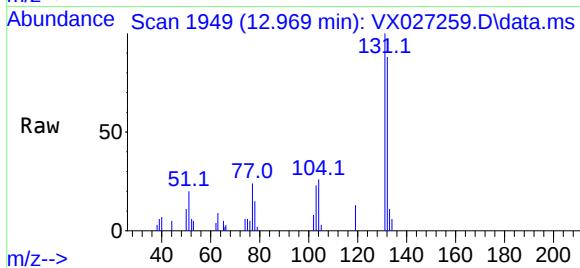
Tgt Ion: 75 Resp: 202

Ion Ratio Lower Upper

75 100

155 0.0 40.0 119.9#

157 0.0 51.6 154.8#



#95

Naphthalene

Concen: 355.968 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VX027259.D

Acq: 01 Mar 2022 19:24

Tgt Ion:128 Resp: 1603343

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 11.3 8.7 13.1

