

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030122\
 Data File : VX027252.D
 Acq On : 01 Mar 2022 16:40
 Operator : JC/MD
 Sample : N1688-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-33

Quant Time: Mar 02 00:36:13 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)

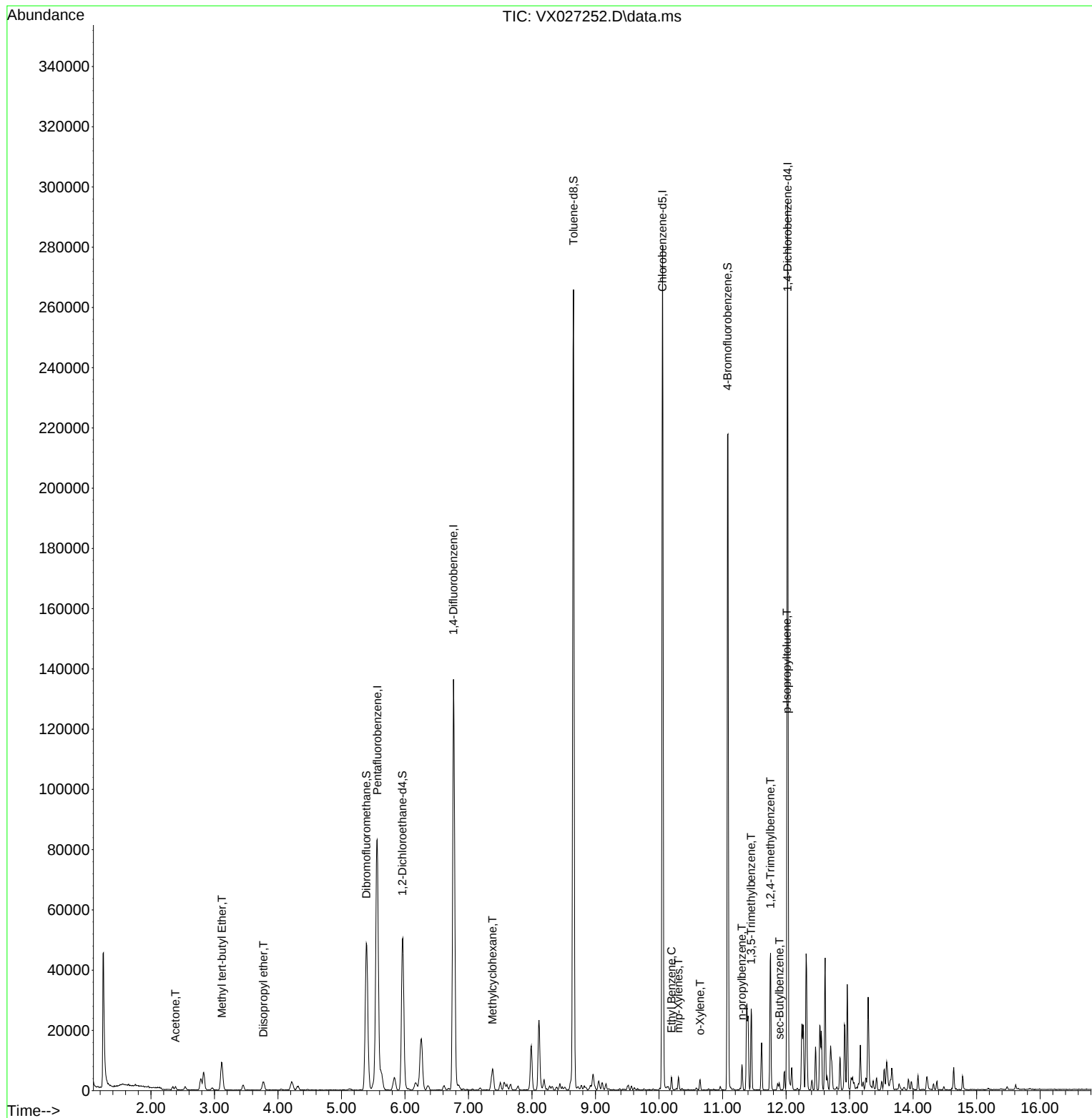
Internal Standards						
1) Pentafluorobenzene	5.562	168	82577	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	139869	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	127194	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	60717	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	49884	50.299	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.600%	
35) Dibromofluoromethane	5.391	113	43410	50.001	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.000%	
50) Toluene-d8	8.653	98	160610	49.475	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.960%	
62) 4-Bromofluorobenzene	11.079	95	61012	48.963	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.920%	
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	1260	2.894	ug/l #	89
19) Methyl tert-butyl Ether	3.117	73	6162	2.234	ug/l #	10
22) Diisopropyl ether	3.770	45	2945	1.067	ug/l #	70
39) Methylcyclohexane	7.379	83	2905	1.843	ug/l	92
67) Ethyl Benzene	10.195	91	2750	0.604	ug/l	97
68) m/p-Xylenes	10.305	106	1015	0.580	ug/l	98
69) o-Xylene	10.646	106	792	0.451	ug/l	98
78) n-propylbenzene	11.305	91	5217	1.056	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	12440	3.405	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	20373	5.606	ug/l	98
85) sec-Butylbenzene	11.896	105	1539	0.346	ug/l #	56
86) p-Isopropyltoluene	12.012	119	1248	0.329	ug/l	89

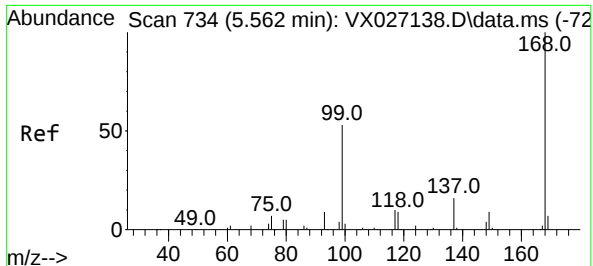
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030122\
Data File : VX027252.D
Acq On : 01 Mar 2022 16:40
Operator : JC/MD
Sample : N1688-16
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-33

Quant Time: Mar 02 00:36:13 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

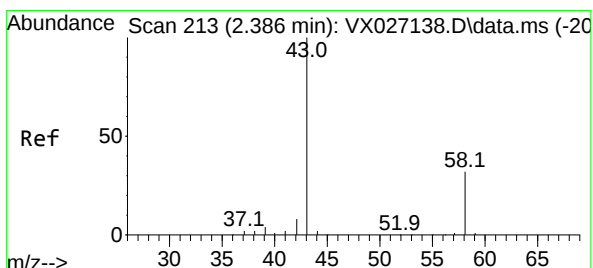
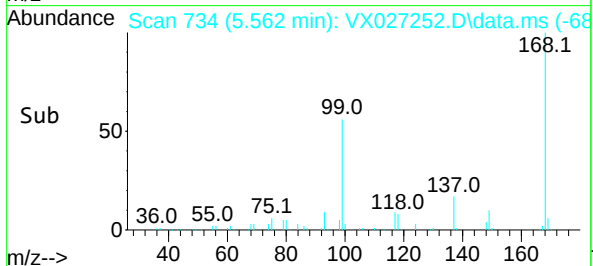
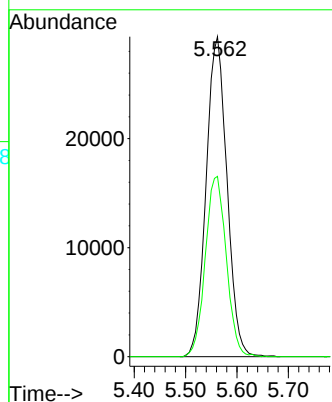
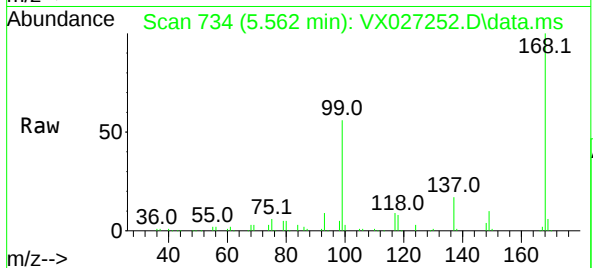




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX027252.D
Acq: 01 Mar 2022 16:40

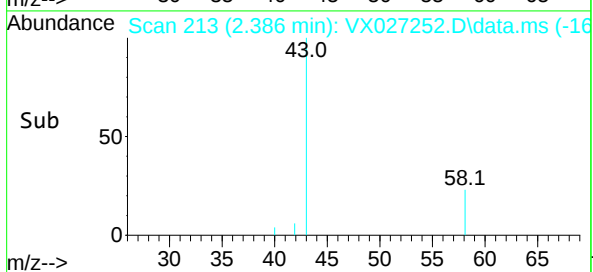
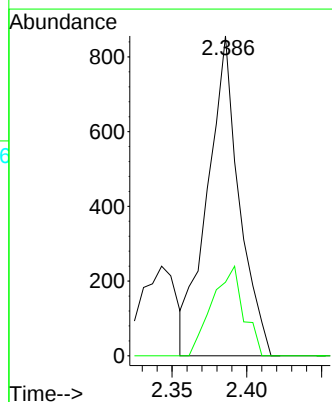
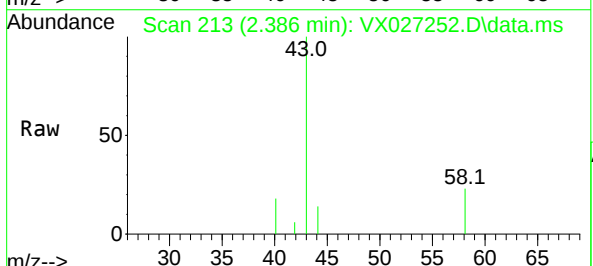
Instrument :
MSVOA_X
ClientSampleId :
MW-33

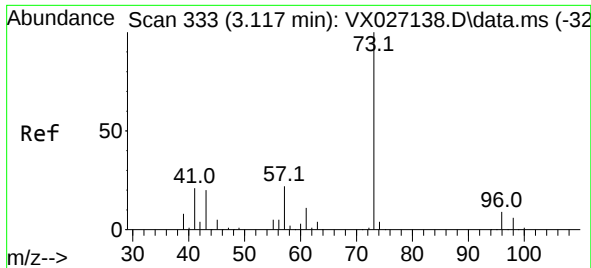
Tgt Ion:168 Resp: 82577
Ion Ratio Lower Upper
168 100
99 56.3 50.3 75.5



#16
Acetone
Concen: 2.894 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX027252.D
Acq: 01 Mar 2022 16:40

Tgt Ion: 43 Resp: 1260
Ion Ratio Lower Upper
43 100
58 23.0 23.0 34.6#

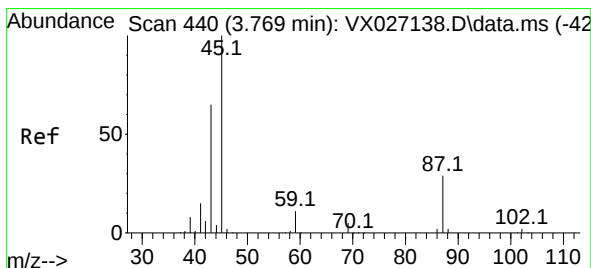
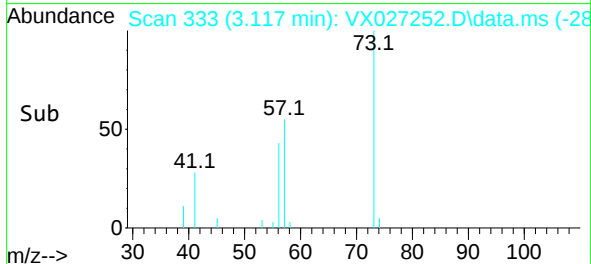
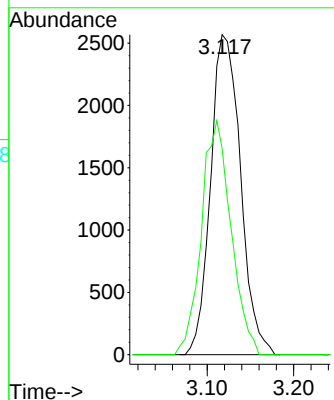
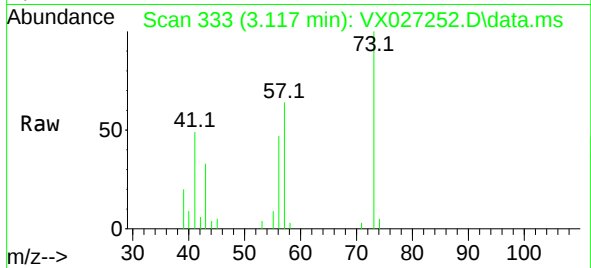




#19
Methyl tert-butyl Ether
Concen: 2.234 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX027252.D
Acq: 01 Mar 2022 16:40

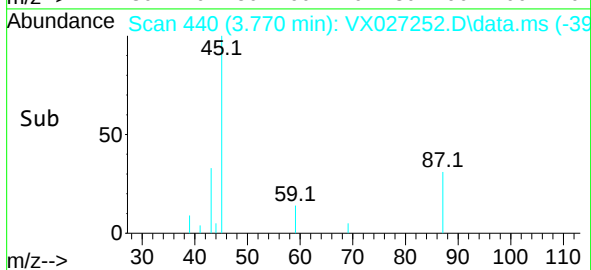
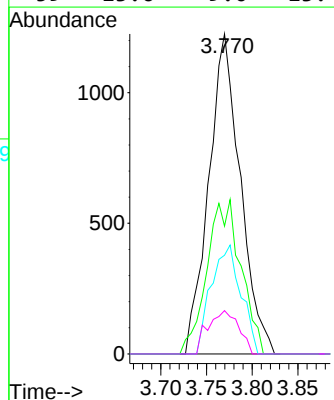
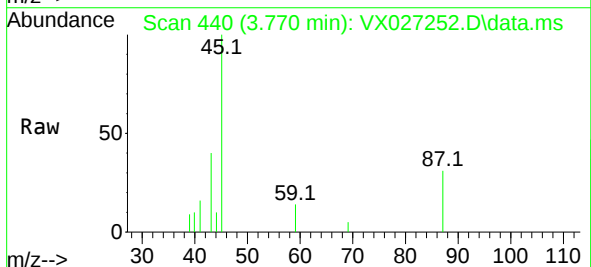
Instrument :
MSVOA_X
ClientSampleId :
MW-33

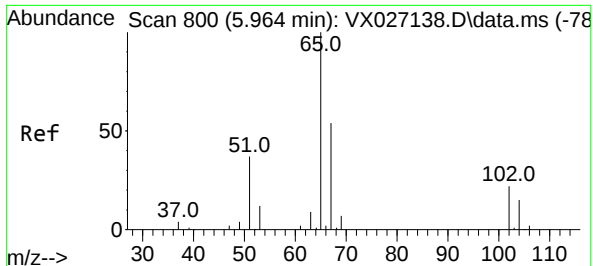
Tgt Ion: 73 Resp: 6162
Ion Ratio Lower Upper
73 100
57 64.5 17.4 26.2#



#22
Diisopropyl ether
Concen: 1.067 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.001 min
Lab File: VX027252.D
Acq: 01 Mar 2022 16:40

Tgt Ion: 45 Resp: 2945
Ion Ratio Lower Upper
45 100
43 39.9 60.6 91.0#
87 30.9 22.0 33.0
59 13.6 9.0 13.4#





#33

1,2-Dichloroethane-d4

Concen: 50.299 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX027252.D

Acq: 01 Mar 2022 16:40

Instrument :

MSVOA_X

ClientSampleId :

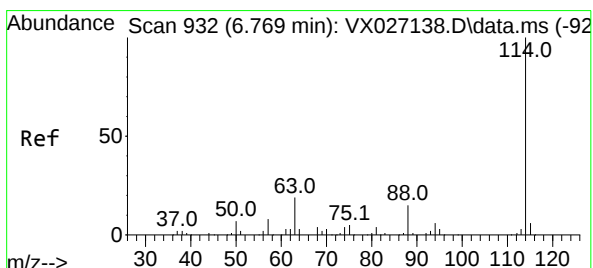
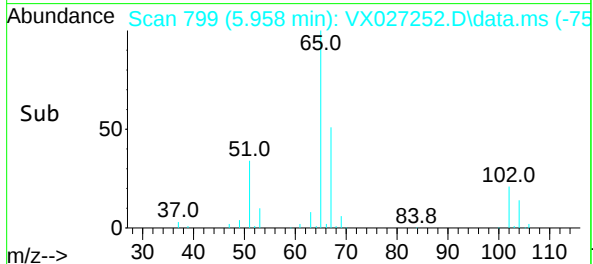
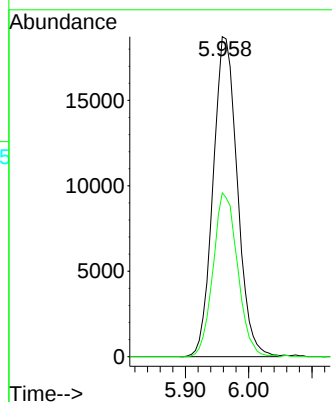
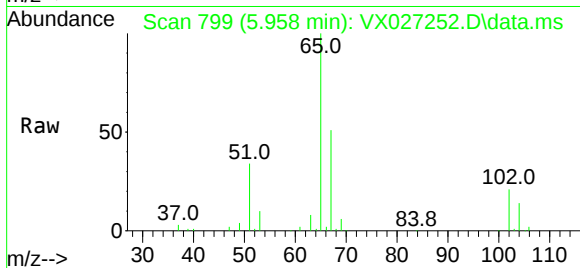
MW-33

Tgt Ion: 65 Resp: 49884

Ion Ratio Lower Upper

65 100

67 51.6 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX027252.D

Acq: 01 Mar 2022 16:40

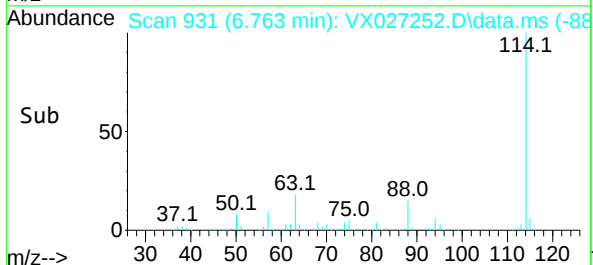
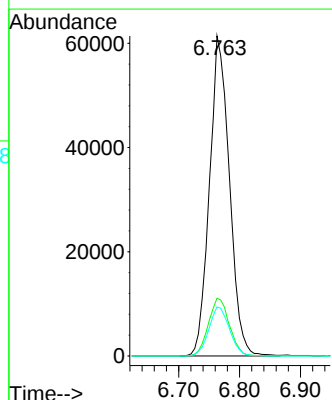
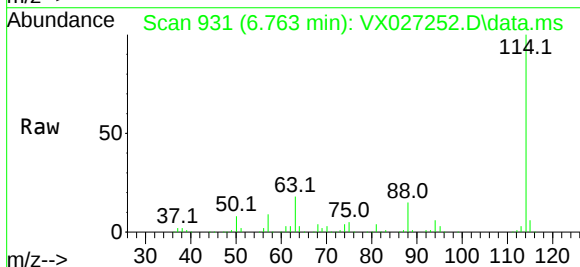
Tgt Ion: 114 Resp: 139869

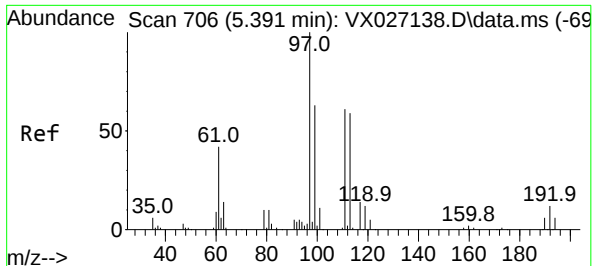
Ion Ratio Lower Upper

114 100

63 18.0 0.0 42.8

88 15.4 0.0 33.0





#35

Dibromofluoromethane

Concen: 50.001 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX027252.D

Acq: 01 Mar 2022 16:40

Instrument :

MSVOA_X

ClientSampleId :

MW-33

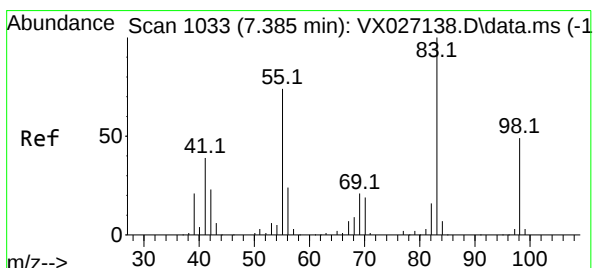
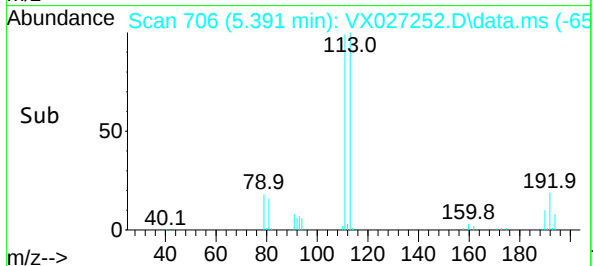
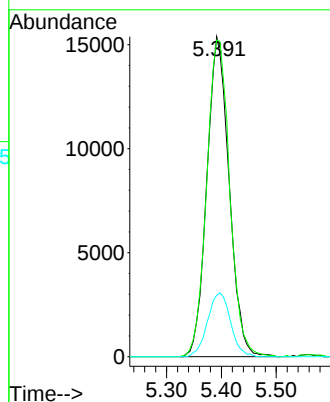
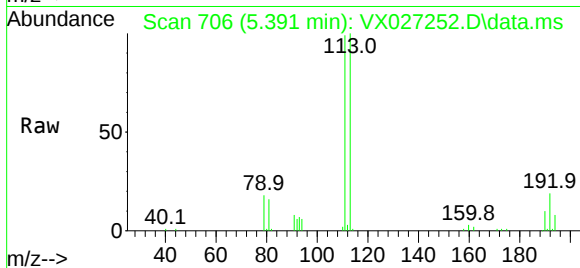
Tgt Ion:113 Resp: 43410

Ion Ratio Lower Upper

113 100

111 102.4 81.2 121.8

192 20.6 15.0 22.4



#39

Methylcyclohexane

Concen: 1.843 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX027252.D

Acq: 01 Mar 2022 16:40

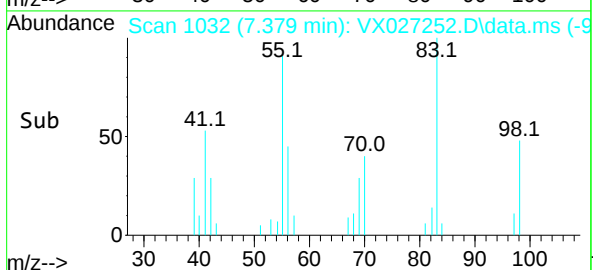
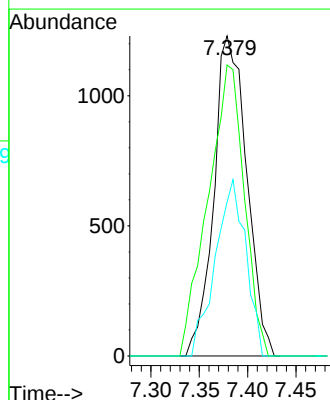
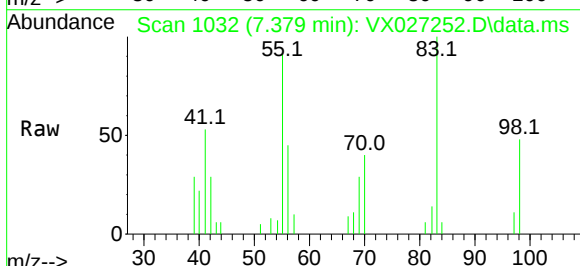
Tgt Ion: 83 Resp: 2905

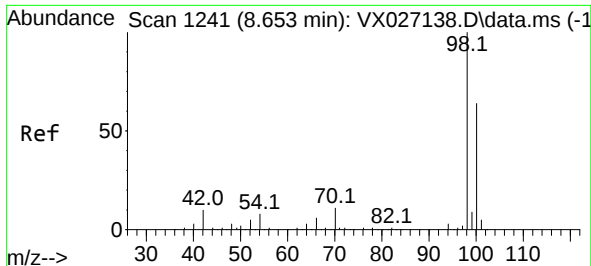
Ion Ratio Lower Upper

83 100

55 91.0 63.6 95.4

98 48.0 38.4 57.6

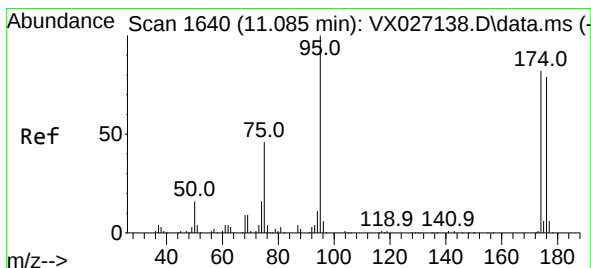
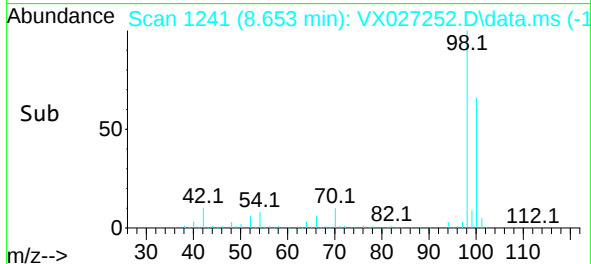
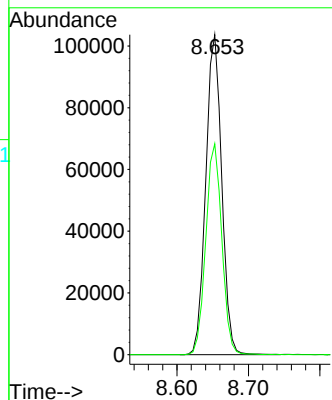
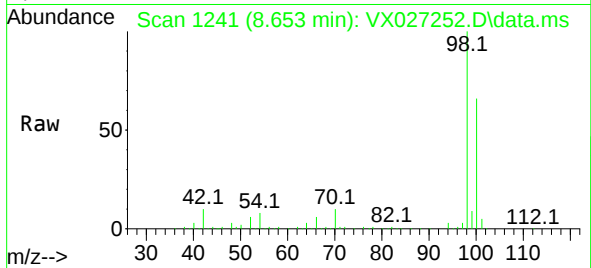




#50
Toluene-d8
Concen: 49.475 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027252.D
Acq: 01 Mar 2022 16:40

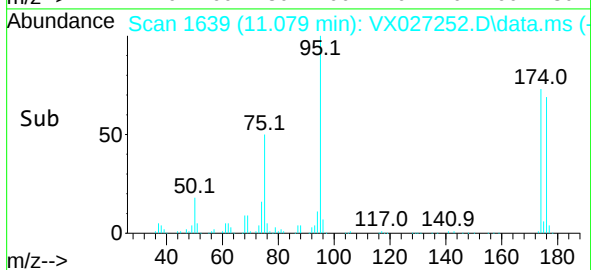
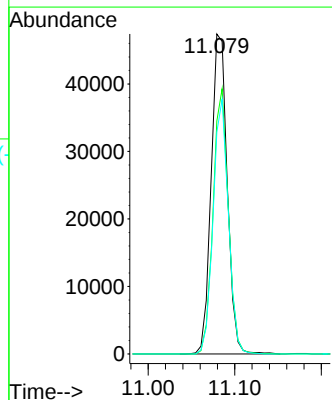
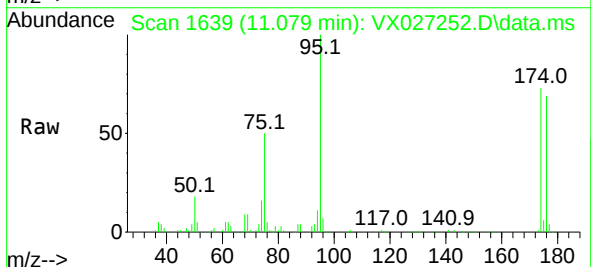
Instrument :
MSVOA_X
ClientSampleId :
MW-33

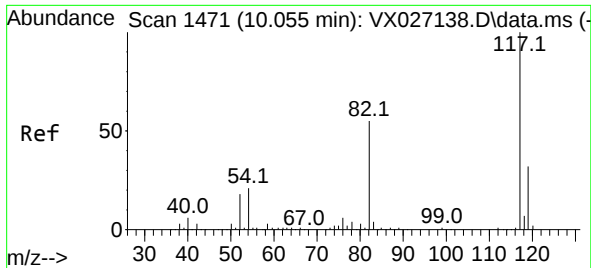
Tgt Ion: 98 Resp: 160610
Ion Ratio Lower Upper
98 100
100 66.3 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 48.963 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027252.D
Acq: 01 Mar 2022 16:40

Tgt Ion: 95 Resp: 61012
Ion Ratio Lower Upper
95 100
174 78.5 0.0 148.6
176 75.7 0.0 141.4

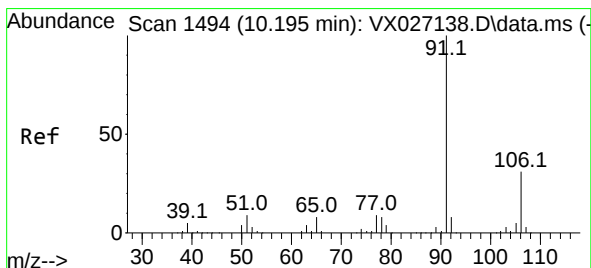
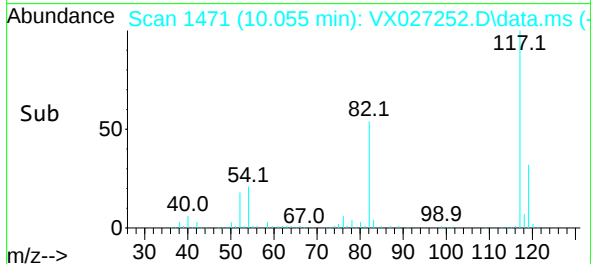
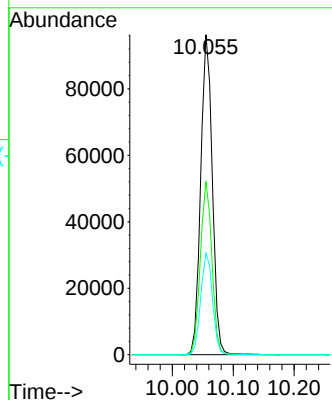
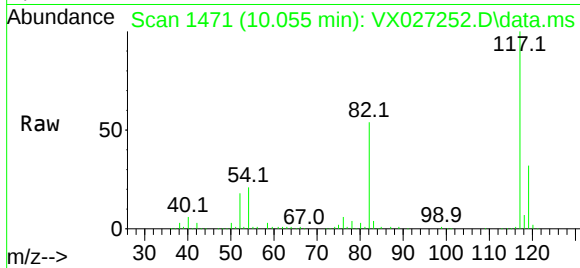




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027252.D
Acq: 01 Mar 2022 16:40

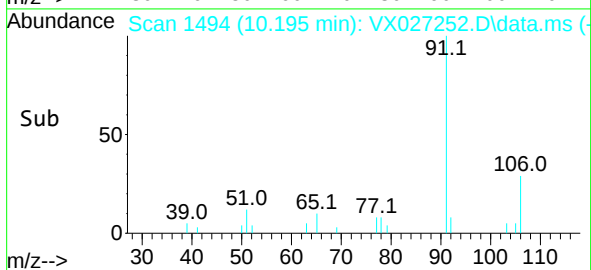
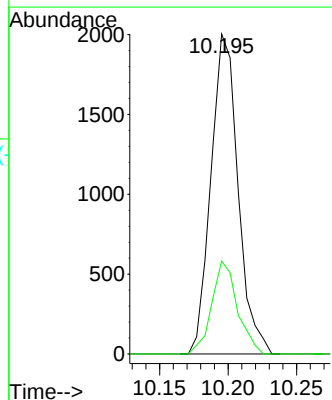
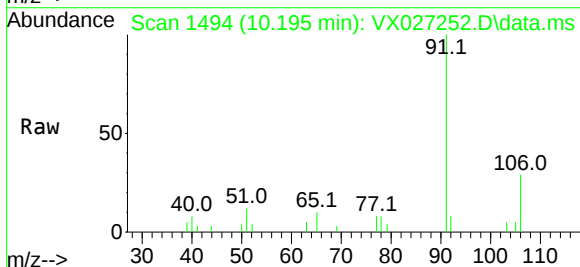
Instrument :
MSVOA_X
ClientSampleId :
MW-33

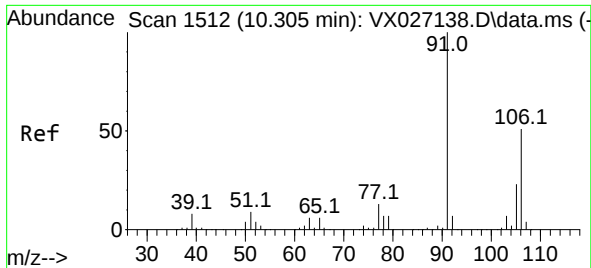
Tgt Ion:117 Resp: 127194
Ion Ratio Lower Upper
117 100
82 54.2 45.2 67.8
119 31.7 26.2 39.2



#67
Ethyl Benzene
Concen: 0.604 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX027252.D
Acq: 01 Mar 2022 16:40

Tgt Ion: 91 Resp: 2750
Ion Ratio Lower Upper
91 100
106 29.0 24.7 37.1

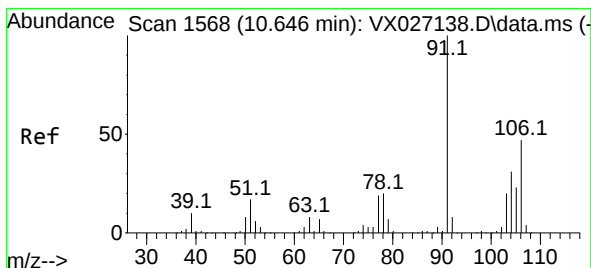
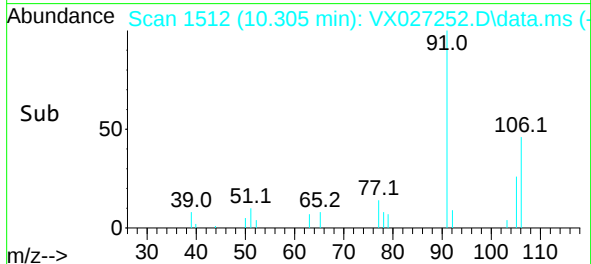
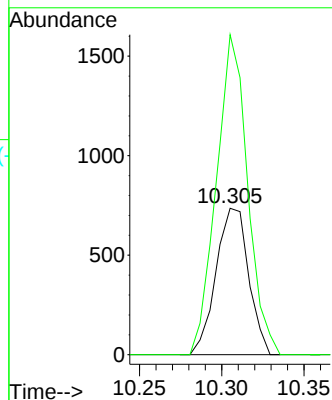
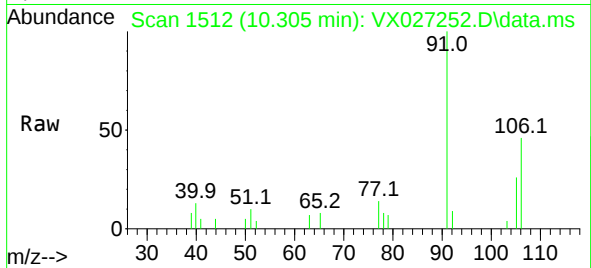




#68
m/p-Xylenes
Concen: 0.580 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX027252.D
Acq: 01 Mar 2022 16:40

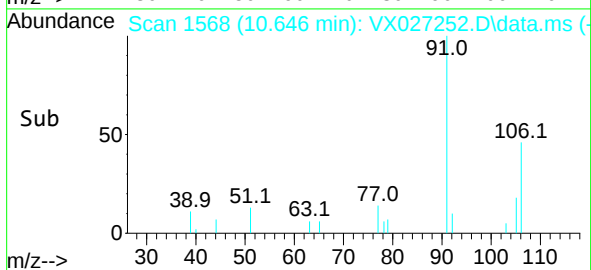
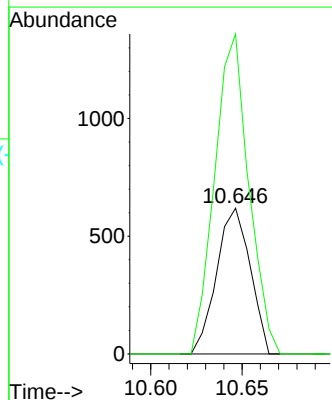
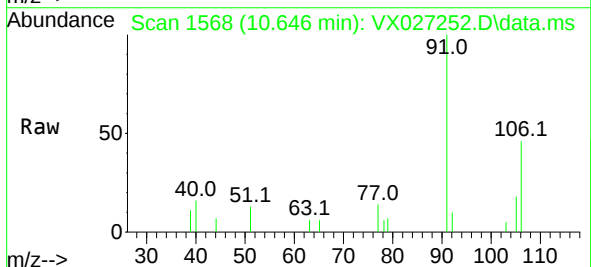
Instrument :
MSVOA_X
ClientSampleId :
MW-33

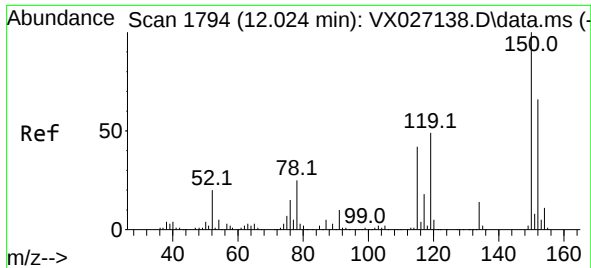
Tgt Ion:106 Resp: 1015
Ion Ratio Lower Upper
106 100
91 209.1 165.3 247.9



#69
o-Xylene
Concen: 0.451 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX027252.D
Acq: 01 Mar 2022 16:40

Tgt Ion:106 Resp: 792
Ion Ratio Lower Upper
106 100
91 222.5 109.7 329.0

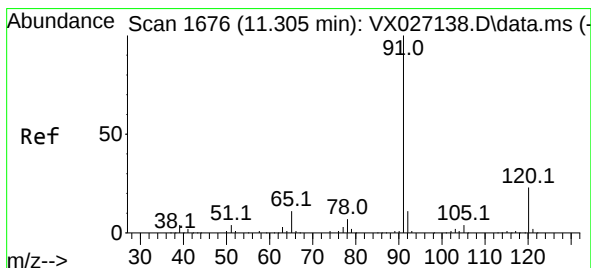
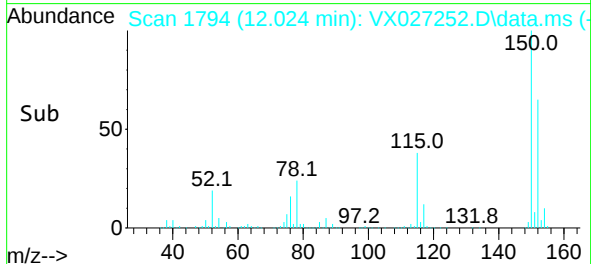
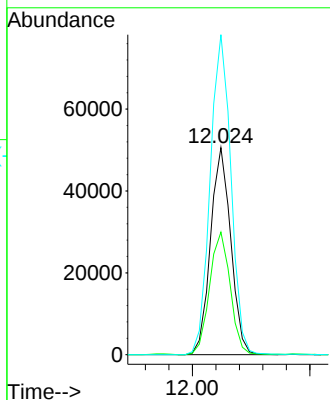
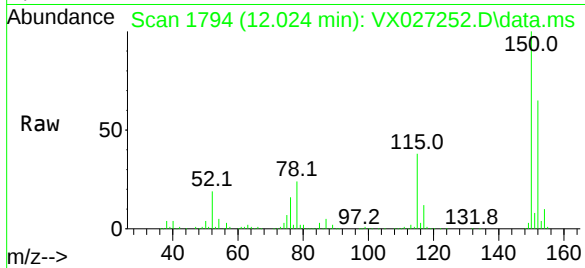




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027252.D
Acq: 01 Mar 2022 16:40

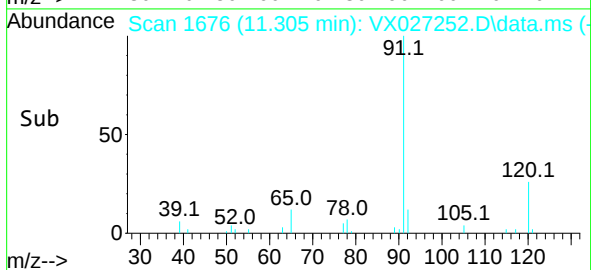
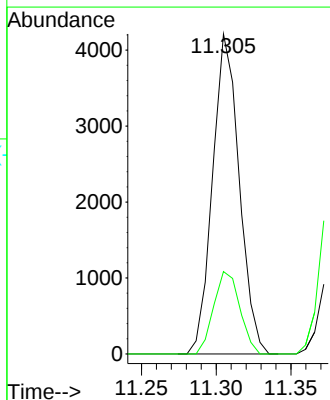
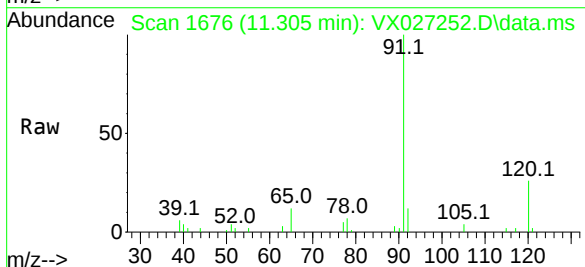
Instrument :
MSVOA_X
ClientSampleId :
MW-33

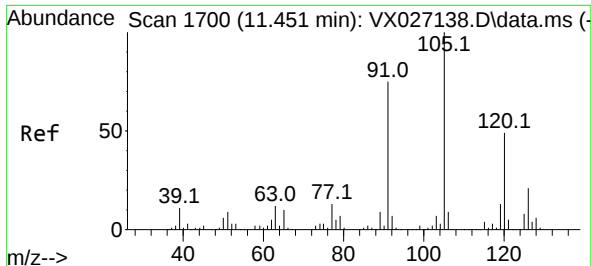
Tgt Ion:152 Resp: 60717
Ion Ratio Lower Upper
152 100
115 60.2 44.2 132.6
150 158.2 0.0 348.2



#78
n-propylbenzene
Concen: 1.056 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX027252.D
Acq: 01 Mar 2022 16:40

Tgt Ion: 91 Resp: 5217
Ion Ratio Lower Upper
91 100
120 25.2 11.6 34.7

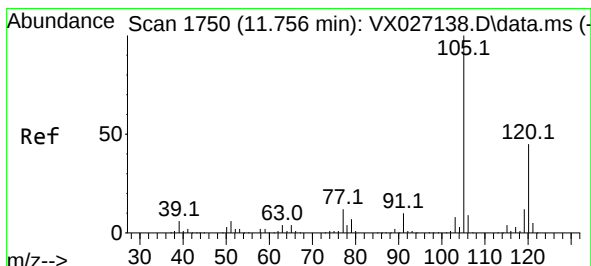
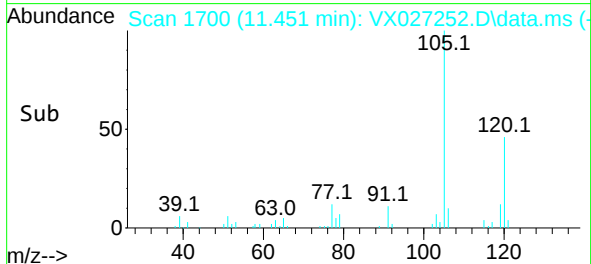
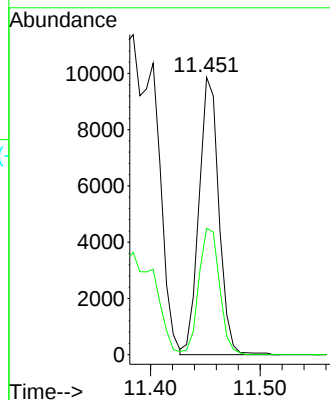
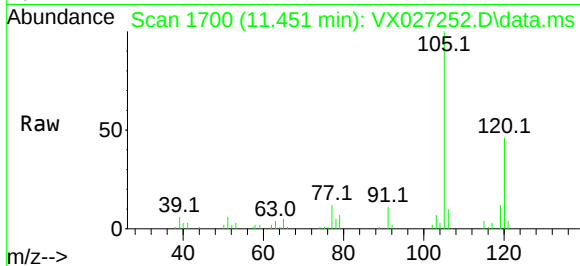




#80
1,3,5-Trimethylbenzene
Concen: 3.405 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX027252.D
Acq: 01 Mar 2022 16:40

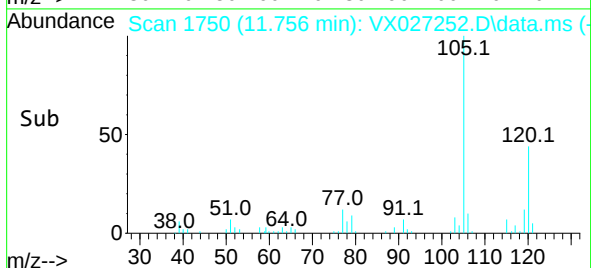
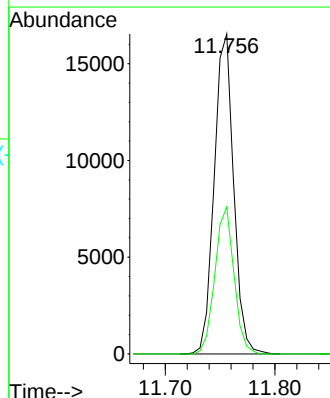
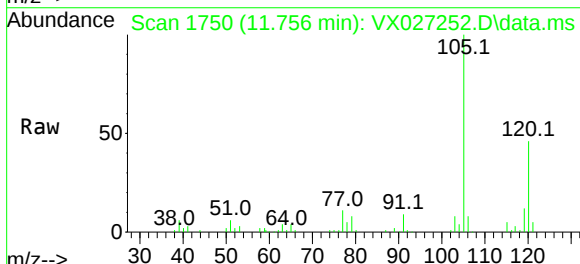
Instrument :
MSVOA_X
ClientSampleId :
MW-33

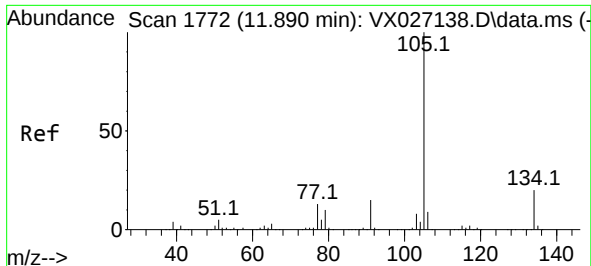
Tgt Ion:105 Resp: 12440
Ion Ratio Lower Upper
105 100
120 47.4 24.0 72.0



#84
1,2,4-Trimethylbenzene
Concen: 5.606 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX027252.D
Acq: 01 Mar 2022 16:40

Tgt Ion:105 Resp: 20373
Ion Ratio Lower Upper
105 100
120 45.2 21.9 65.5

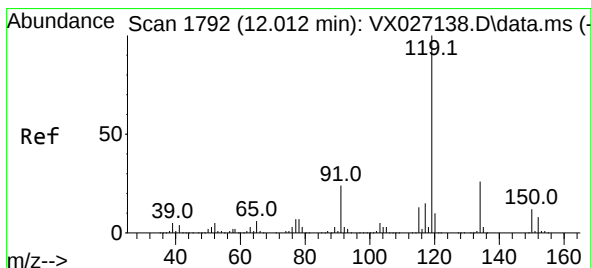
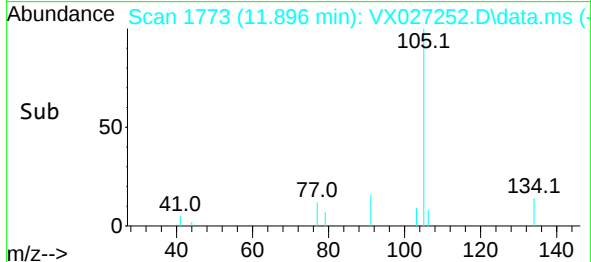
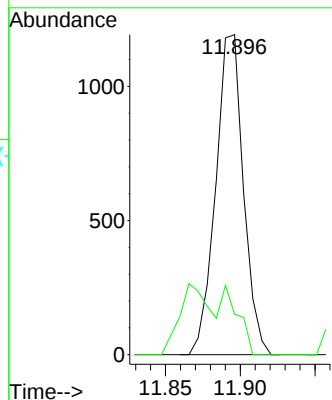
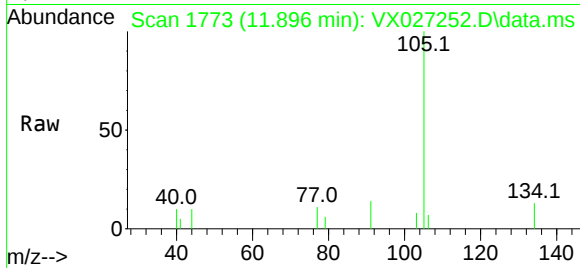




#85
 sec-Butylbenzene
 Concen: 0.346 ug/l
 RT: 11.896 min Scan# 1773
 Delta R.T. 0.006 min
 Lab File: VX027252.D
 Acq: 01 Mar 2022 16:40

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-33

Tgt Ion:105 Resp: 1539
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.1 30.1#



#86
 p-Isopropyltoluene
 Concen: 0.329 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX027252.D
 Acq: 01 Mar 2022 16:40

Tgt Ion:119 Resp: 1248
 Ion Ratio Lower Upper
 119 100
 134 28.4 13.0 39.0
 91 33.7 12.6 37.6

