

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063021\
 Data File : VX023027.D
 Acq On : 30 Jun 2021 12:35
 Operator : JC/MD
 Sample : M2875-12DL 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6DL

Quant Time: Jul 01 03:25:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

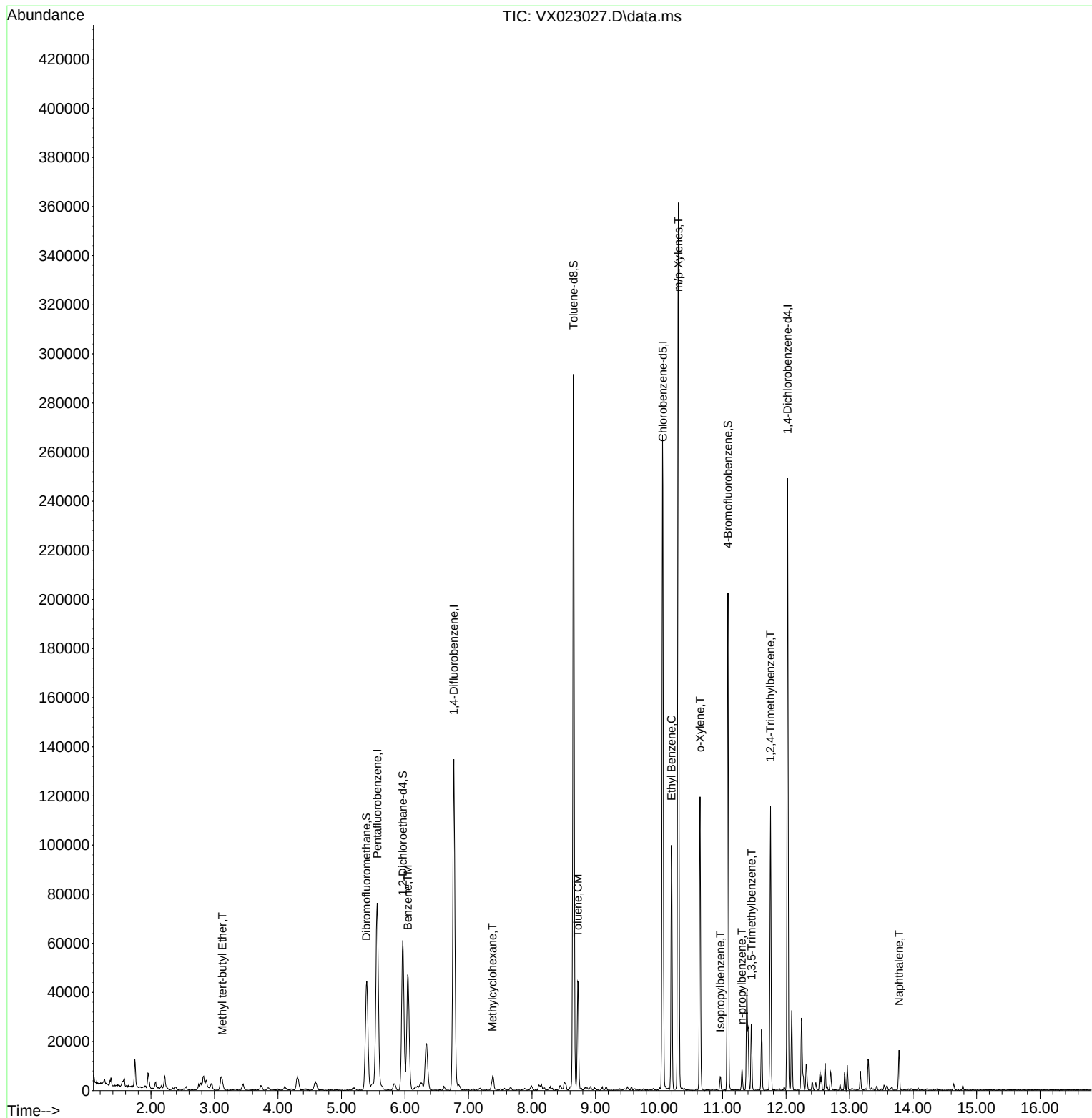
Internal Standards						
1) Pentafluorobenzene	5.562	168	62176	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	123681	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	107663	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	40888	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	56517	50.088	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.180%			
35) Dibromofluoromethane	5.391	113	38216	48.658	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.320%			
50) Toluene-d8	8.653	98	153130	49.747	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.500%			
62) 4-Bromofluorobenzene	11.085	95	52622	45.806	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.620%			
Target Compounds						
19) Methyl tert-butyl Ether	3.123	73	2326	0.804	ug/l	# 1
39) Methylcyclohexane	7.379	83	2126	1.387	ug/l	# 81
40) Benzene	6.044	78	55300	14.598	ug/l	100
52) Toluene	8.720	92	16235	7.090	ug/l	99
67) Ethyl Benzene	10.195	91	55289	13.243	ug/l	99
68) m/p-Xylenes	10.305	106	77580	50.036	ug/l	94
69) o-Xylene	10.646	106	23727	15.723	ug/l	93
73) Isopropylbenzene	10.963	105	3214	0.929	ug/l	89
78) n-propylbenzene	11.305	91	5540	1.323	ug/l	97
80) 1,3,5-Trimethylbenzene	11.457	105	11076	3.899	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	46265	16.181	ug/l	94
95) Naphthalene	13.780	128	9291	4.603	ug/l	96

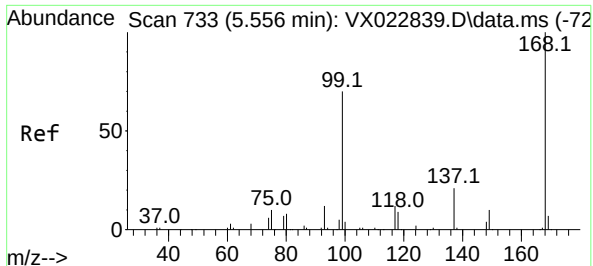
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
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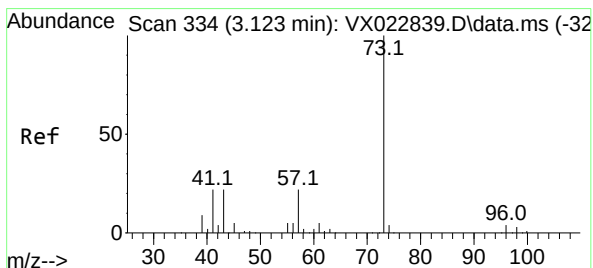
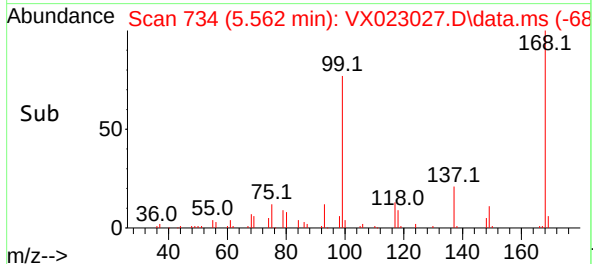
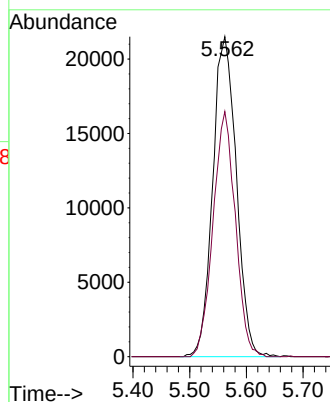
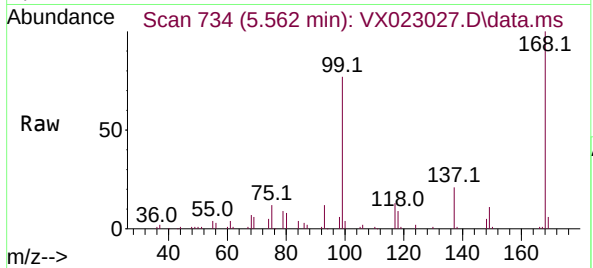




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX023027.D
Acq: 30 Jun 2021 12:35

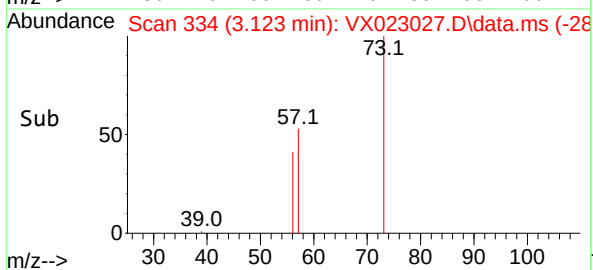
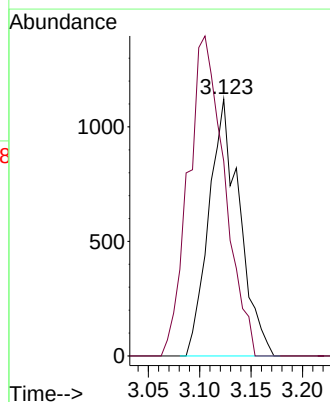
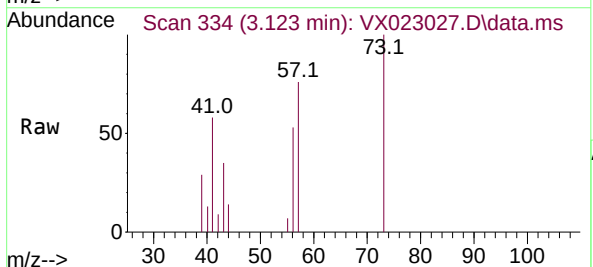
Instrument :
MSVOA_X
ClientSampled :
MW-6DL

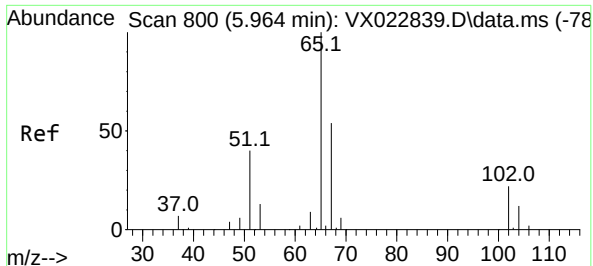
Tgt Ion:168 Resp: 62176
Ion Ratio Lower Upper
168 100
99 76.6 45.8 68.6#



#19
Methyl tert-butyl Ether
Concen: 0.804 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.000 min
Lab File: VX023027.D
Acq: 30 Jun 2021 12:35

Tgt Ion: 73 Resp: 2326
Ion Ratio Lower Upper
73 100
57 75.8 17.1 25.7#



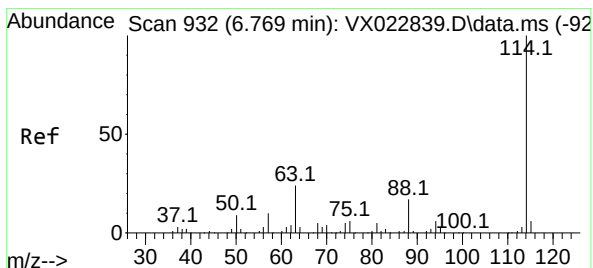
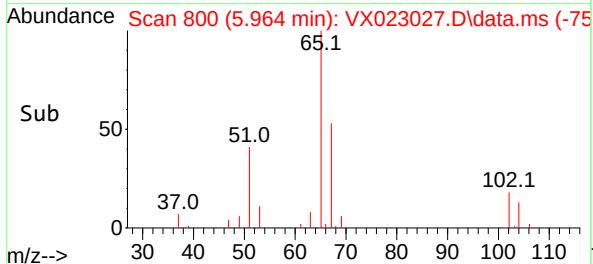
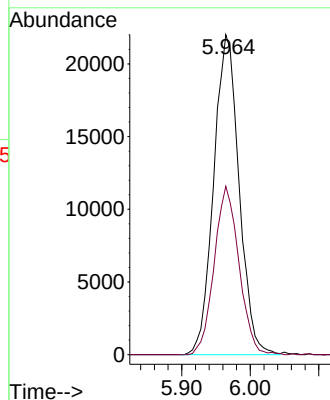
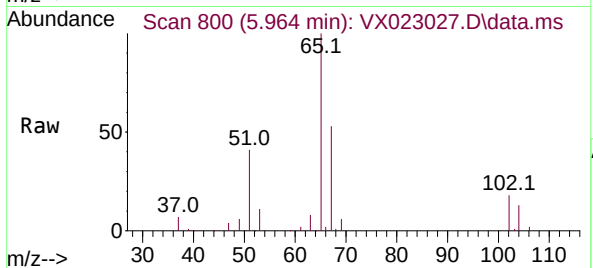


#33

1,2-Dichloroethane-d4
Concen: 50.088 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023027.D
Acq: 30 Jun 2021 12:35

Instrument :
MSVOA_X
ClientSampled :
MW-6DL

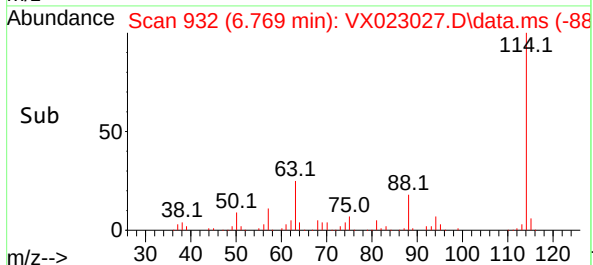
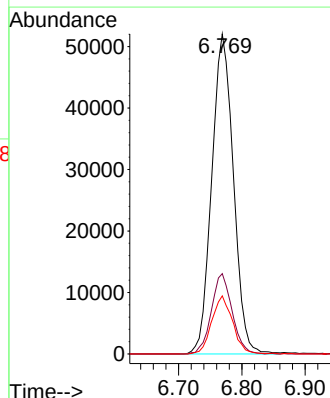
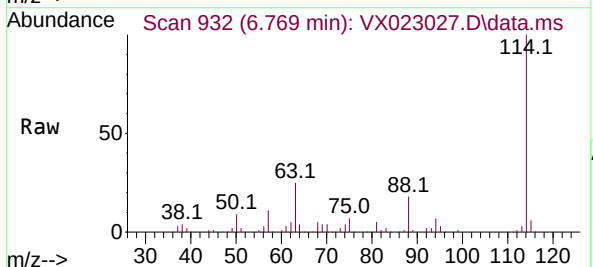
Tgt Ion: 65 Resp: 56517
Ion Ratio Lower Upper
65 100
67 51.4 0.0 105.4

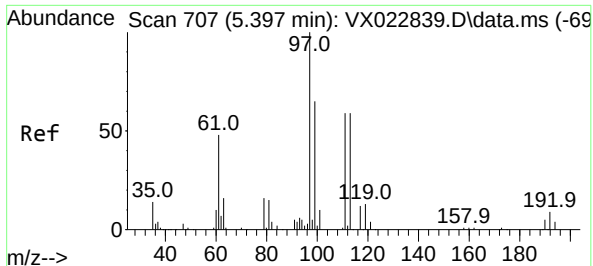


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023027.D
Acq: 30 Jun 2021 12:35

Tgt Ion: 114 Resp: 123681
Ion Ratio Lower Upper
114 100
63 25.1 0.0 40.8
88 18.2 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.658 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX023027.D

Acq: 30 Jun 2021 12:35

Instrument :

MSVOA_X

ClientSampleId :

MW-6DL

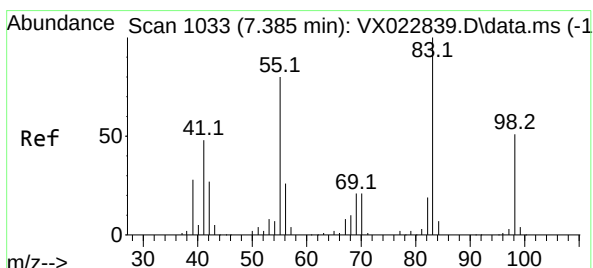
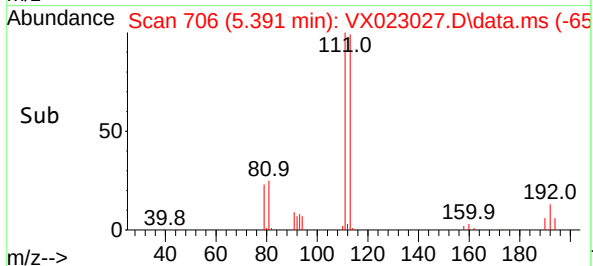
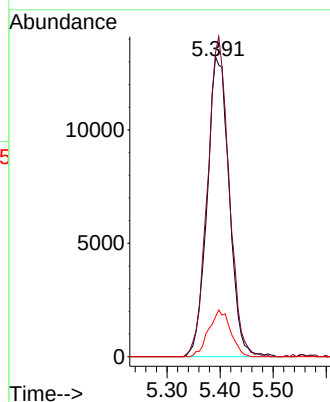
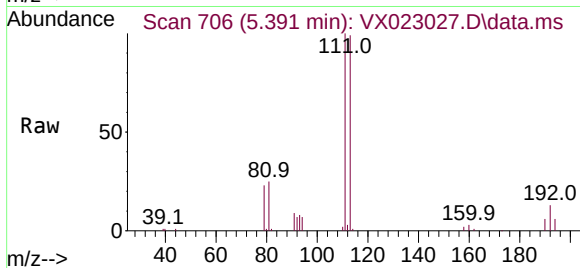
Tgt Ion:113 Resp: 38216

Ion Ratio Lower Upper

113 100

111 104.2 81.9 122.9

192 15.4 16.7 25.1#



#39

Methylcyclohexane

Concen: 1.387 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX023027.D

Acq: 30 Jun 2021 12:35

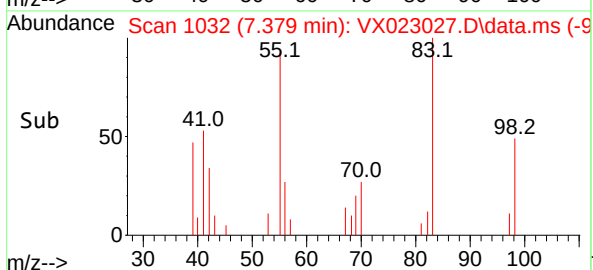
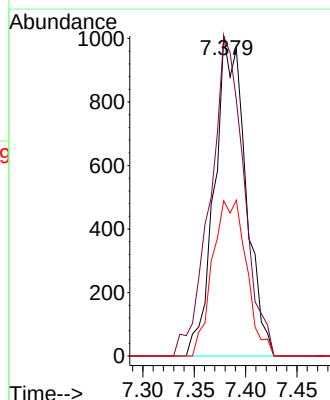
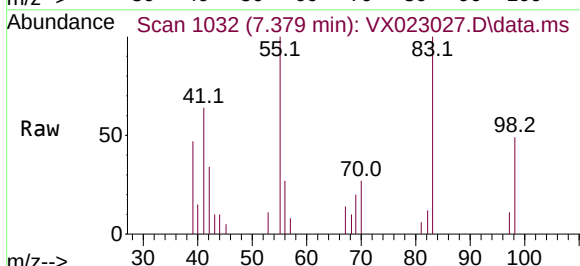
Tgt Ion: 83 Resp: 2126

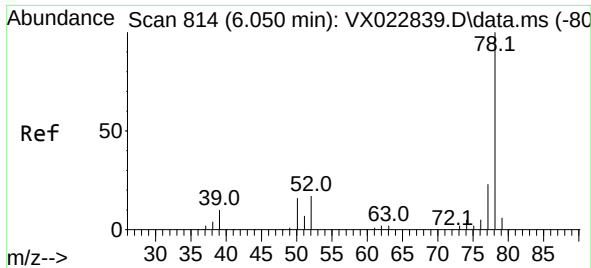
Ion Ratio Lower Upper

83 100

55 99.9 58.9 88.3#

98 48.5 38.1 57.1

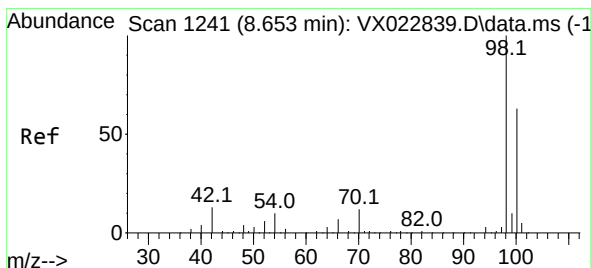
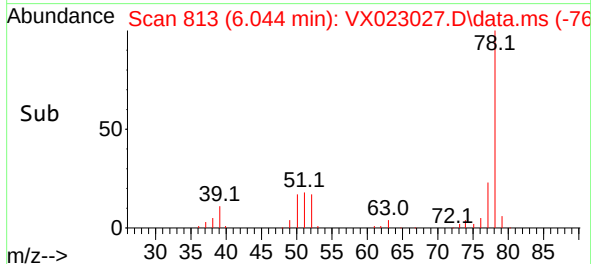
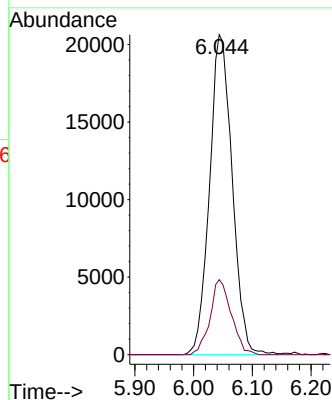
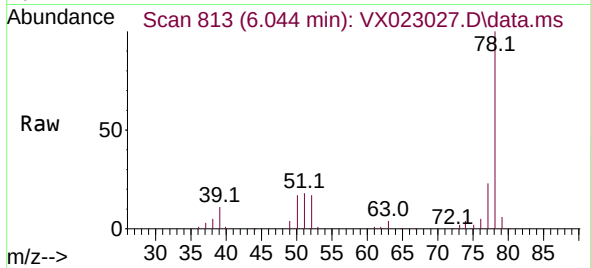




#40
Benzene
Concen: 14.598 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.006 min
Lab File: VX023027.D
Acq: 30 Jun 2021 12:35

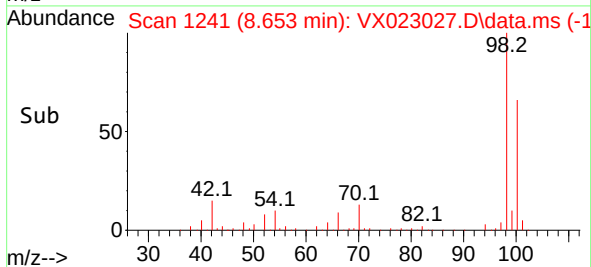
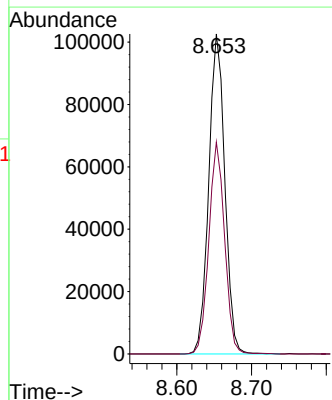
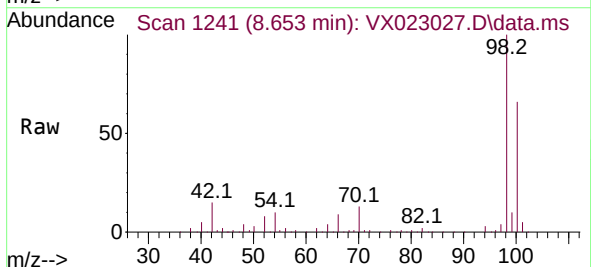
Instrument :
MSVOA_X
ClientSampled :
MW-6DL

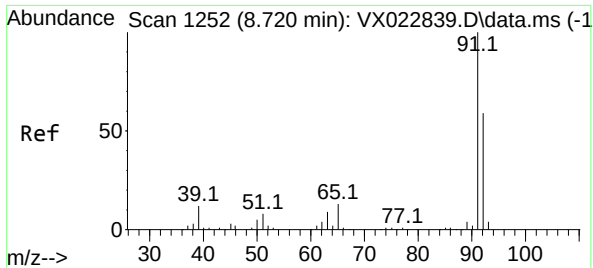
Tgt Ion: 78 Resp: 55300
Ion Ratio Lower Upper
78 100
77 23.5 18.9 28.3



#50
Toluene-d8
Concen: 49.747 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023027.D
Acq: 30 Jun 2021 12:35

Tgt Ion: 98 Resp: 153130
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9

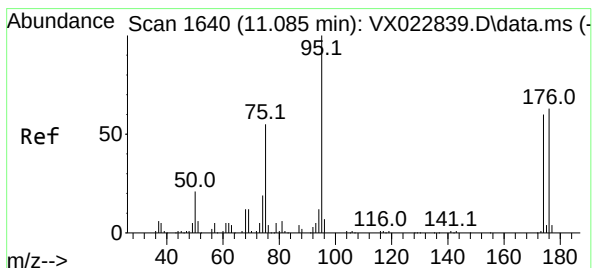
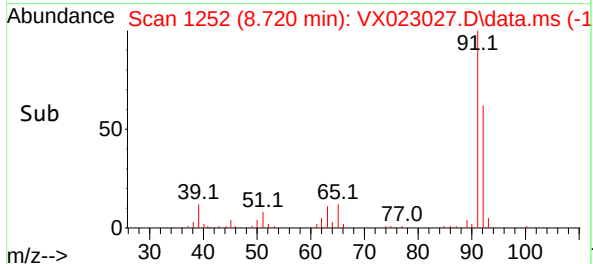
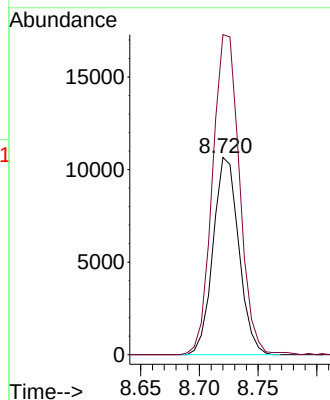
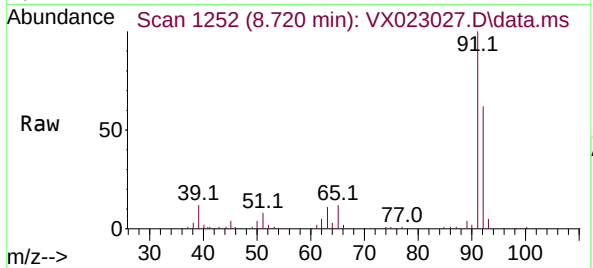




#52
Toluene
Concen: 7.090 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX023027.D
Acq: 30 Jun 2021 12:35

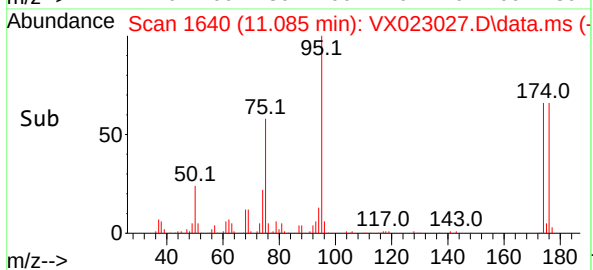
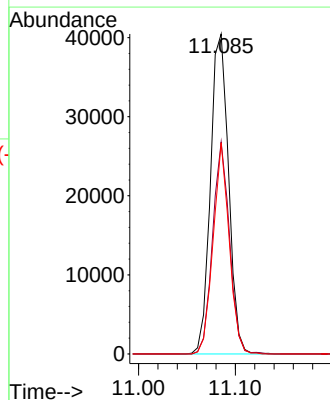
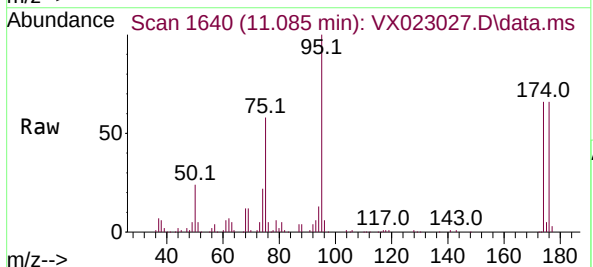
Instrument :
MSVOA_X
ClientSampled :
MW-6DL

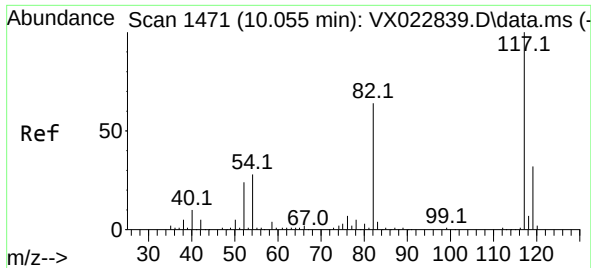
Tgt Ion: 92 Resp: 16235
Ion Ratio Lower Upper
92 100
91 170.4 137.1 205.7



#62
4-Bromofluorobenzene
Concen: 45.806 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023027.D
Acq: 30 Jun 2021 12:35

Tgt Ion: 95 Resp: 52622
Ion Ratio Lower Upper
95 100
174 62.0 0.0 154.6
176 58.7 0.0 155.8

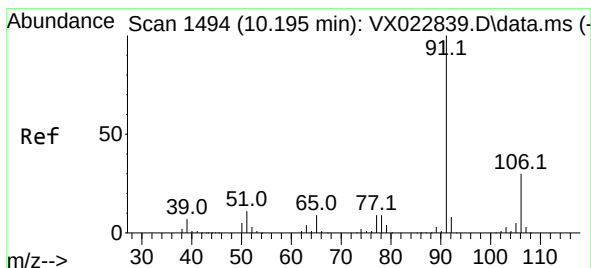
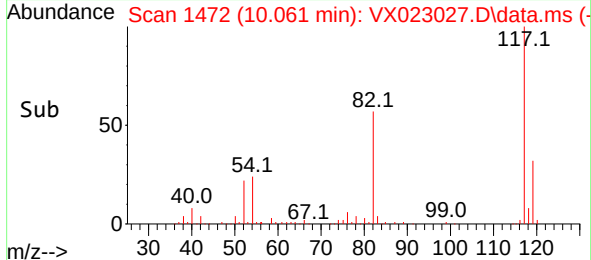
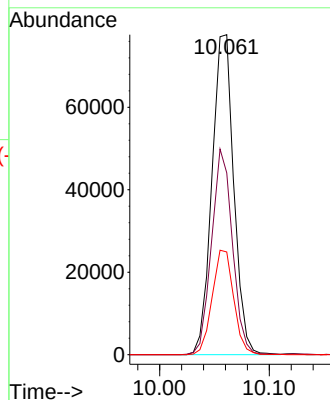
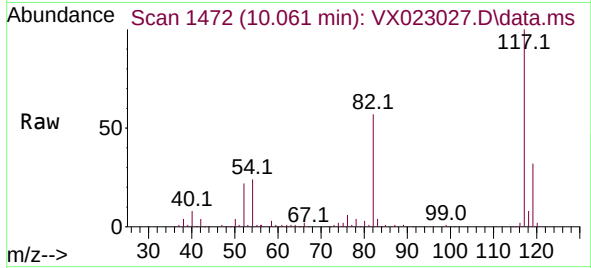




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX023027.D
Acq: 30 Jun 2021 12:35

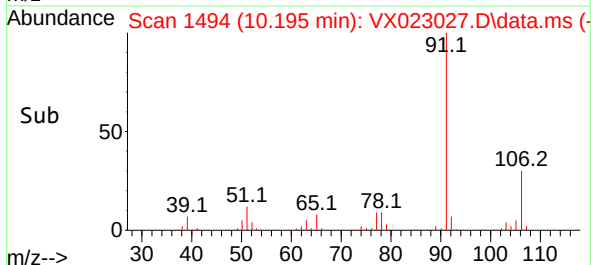
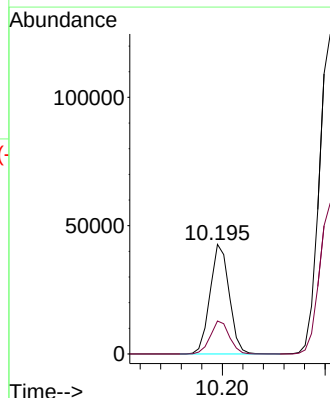
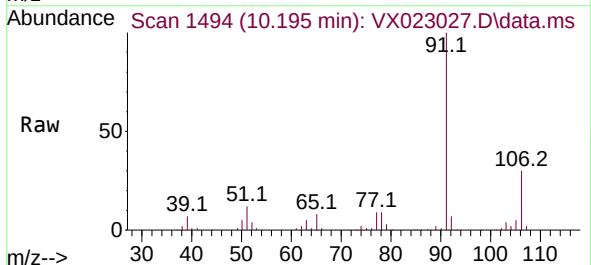
Instrument :
MSVOA_X
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MW-6DL

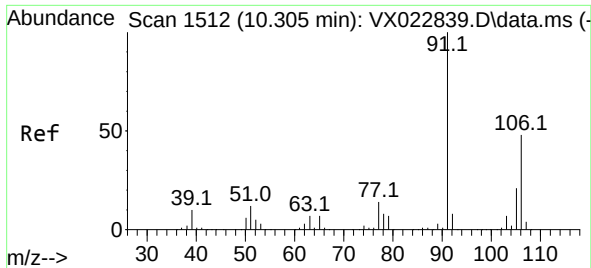
Tgt Ion:117 Resp: 107663
Ion Ratio Lower Upper
117 100
82 56.8 47.4 71.2
119 32.1 26.6 39.8



#67
Ethyl Benzene
Concen: 13.243 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX023027.D
Acq: 30 Jun 2021 12:35

Tgt Ion: 91 Resp: 55289
Ion Ratio Lower Upper
91 100
106 30.1 24.6 37.0

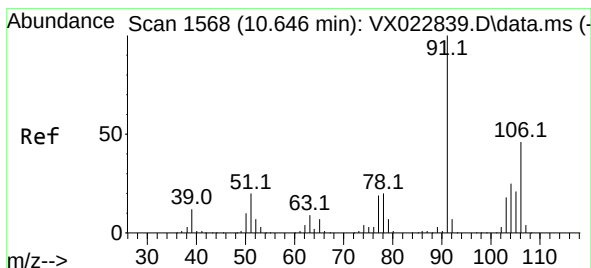
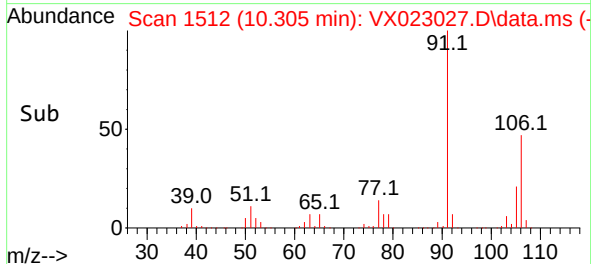
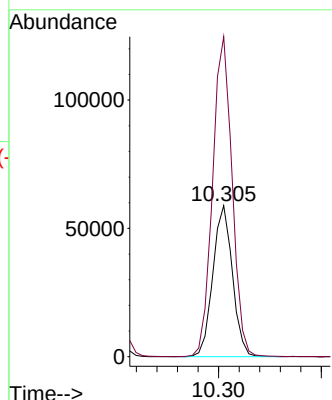
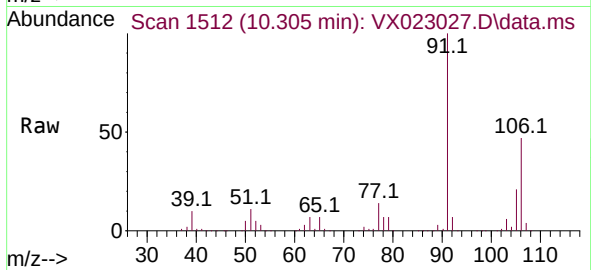




#68
m/p-Xylenes
Concen: 50.036 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX023027.D
Acq: 30 Jun 2021 12:35

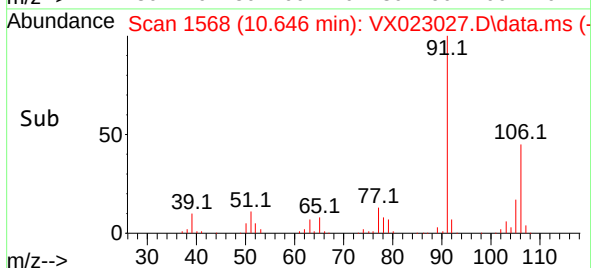
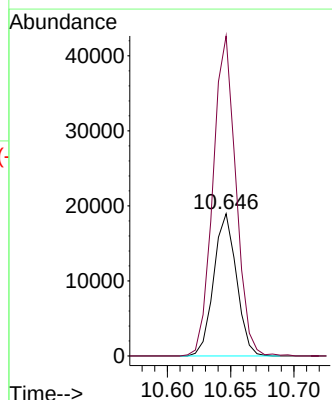
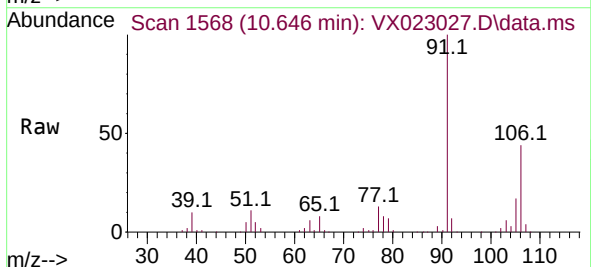
Instrument :
MSVOA_X
ClientSampled :
MW-6DL

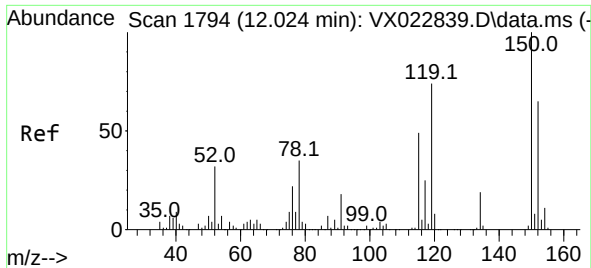
Tgt Ion:106 Resp: 77580
Ion Ratio Lower Upper
106 100
91 212.1 162.8 244.2



#69
o-Xylene
Concen: 15.723 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX023027.D
Acq: 30 Jun 2021 12:35

Tgt Ion:106 Resp: 23727
Ion Ratio Lower Upper
106 100
91 226.7 108.1 324.2

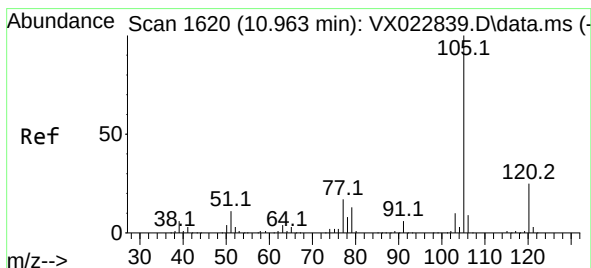
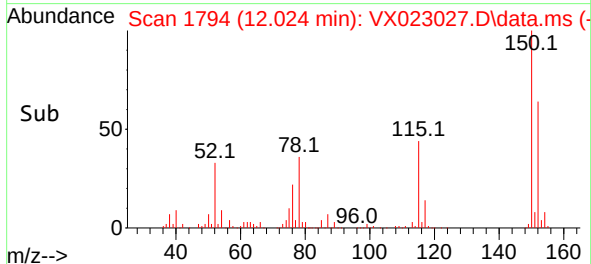
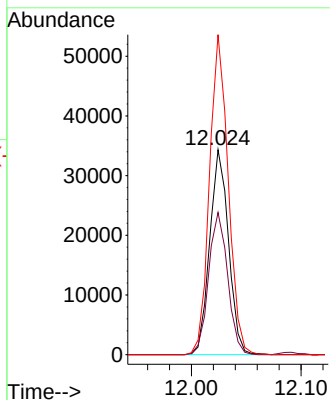
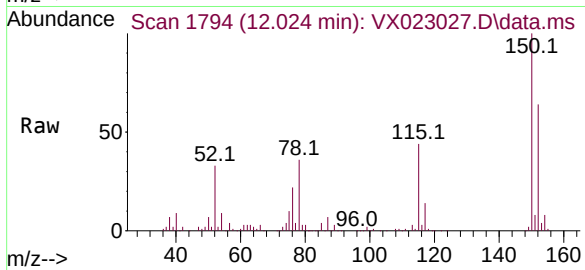




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023027.D
Acq: 30 Jun 2021 12:35

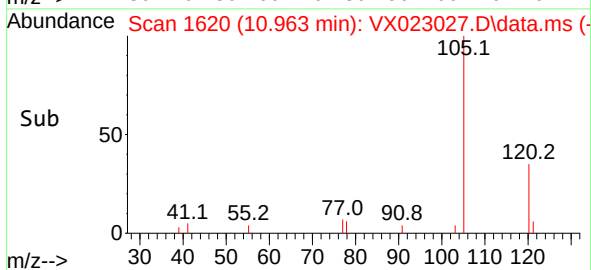
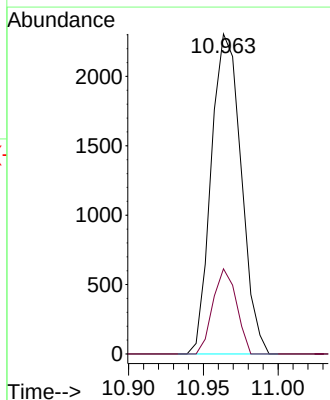
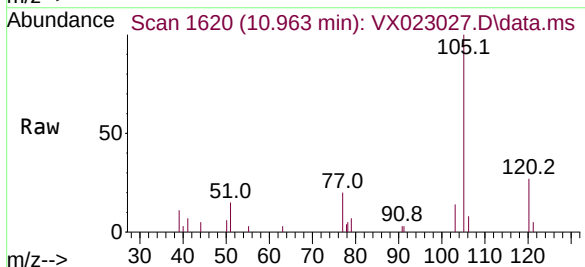
Instrument :
MSVOA_X
ClientSampled :
MW-6DL

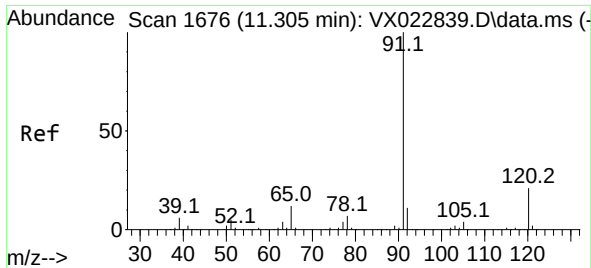
Tgt Ion:152 Resp: 40888
Ion Ratio Lower Upper
152 100
115 70.3 41.1 123.3
150 155.2 0.0 349.0



#73
Isopropylbenzene
Concen: 0.929 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX023027.D
Acq: 30 Jun 2021 12:35

Tgt Ion:105 Resp: 3214
Ion Ratio Lower Upper
105 100
120 20.9 13.2 39.6

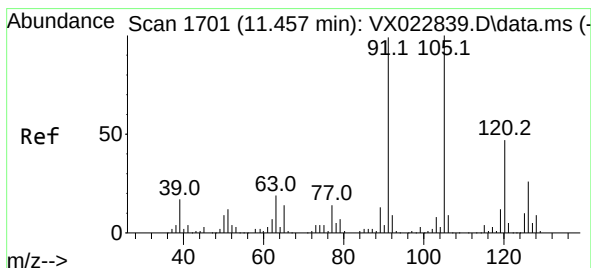
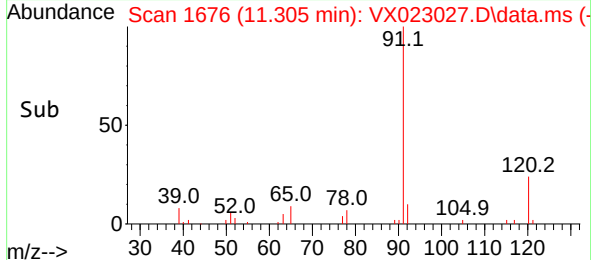
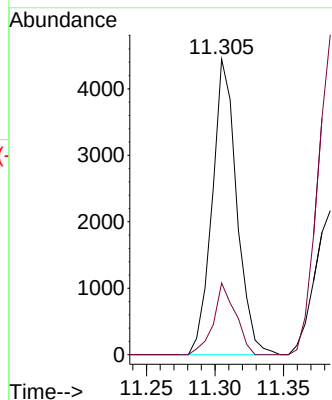
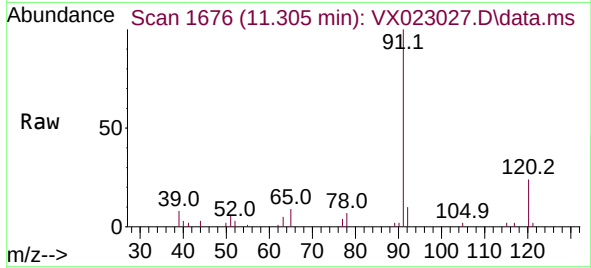




#78
n-propylbenzene
Concen: 1.323 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX023027.D
Acq: 30 Jun 2021 12:35

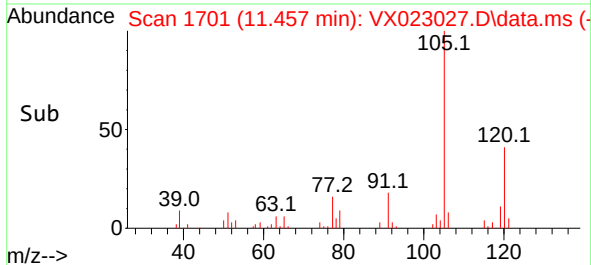
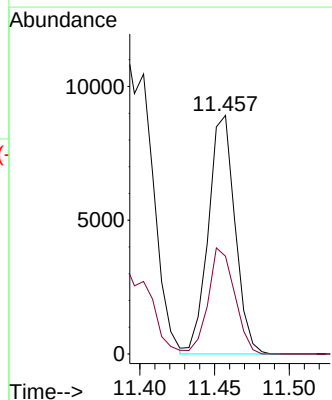
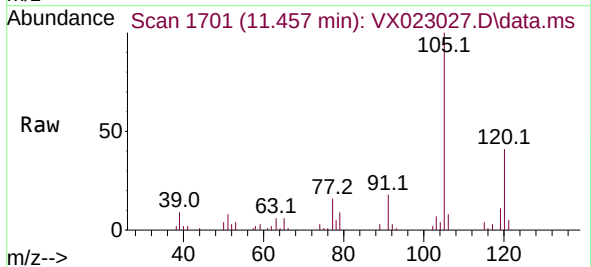
Instrument :
MSVOA_X
ClientSampled :
MW-6DL

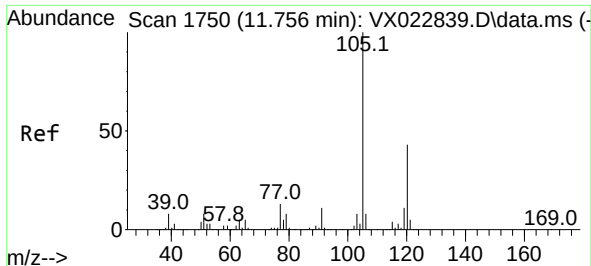
Tgt Ion: 91 Resp: 5540
Ion Ratio Lower Upper
91 100
120 21.8 11.5 34.5



#80
1,3,5-Trimethylbenzene
Concen: 3.899 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX023027.D
Acq: 30 Jun 2021 12:35

Tgt Ion: 105 Resp: 11076
Ion Ratio Lower Upper
105 100
120 43.7 23.8 71.5

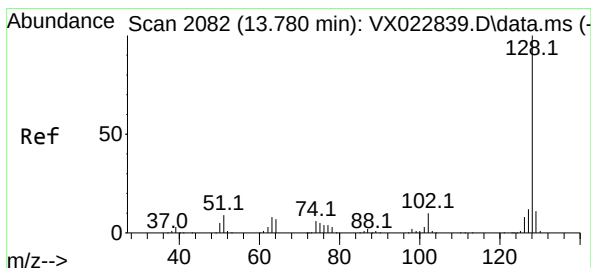
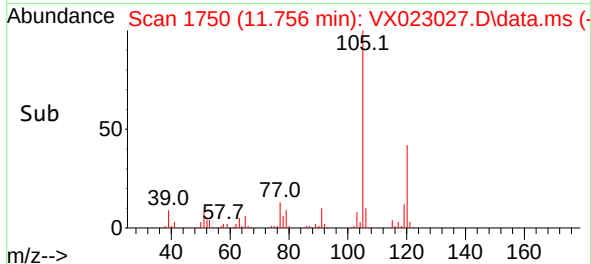
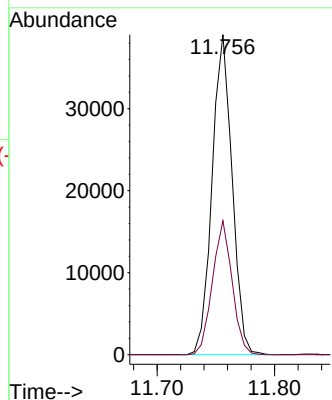
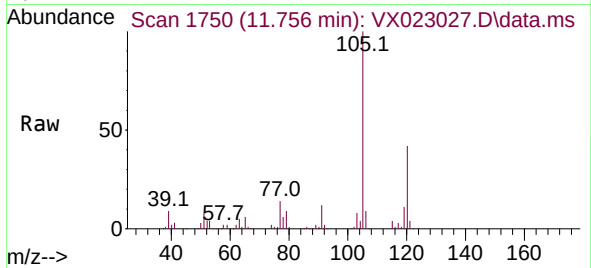




#84
1,2,4-Trimethylbenzene
Concen: 16.181 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX023027.D
Acq: 30 Jun 2021 12:35

Instrument :
MSVOA_X
ClientSampled :
MW-6DL

Tgt Ion:105 Resp: 46265
Ion Ratio Lower Upper
105 100
120 41.1 22.4 67.3



#95
Naphthalene
Concen: 4.603 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX023027.D
Acq: 30 Jun 2021 12:35

Tgt Ion:128 Resp: 9291
Ion Ratio Lower Upper
128 100
127 15.5 10.3 15.5
129 11.6 8.8 13.2

