

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
 Data File : VX025467.D
 Acq On : 03 Dec 2021 07:10
 Operator : JC/MD
 Sample : M4918-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-45B

Quant Time: Dec 03 08:13:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

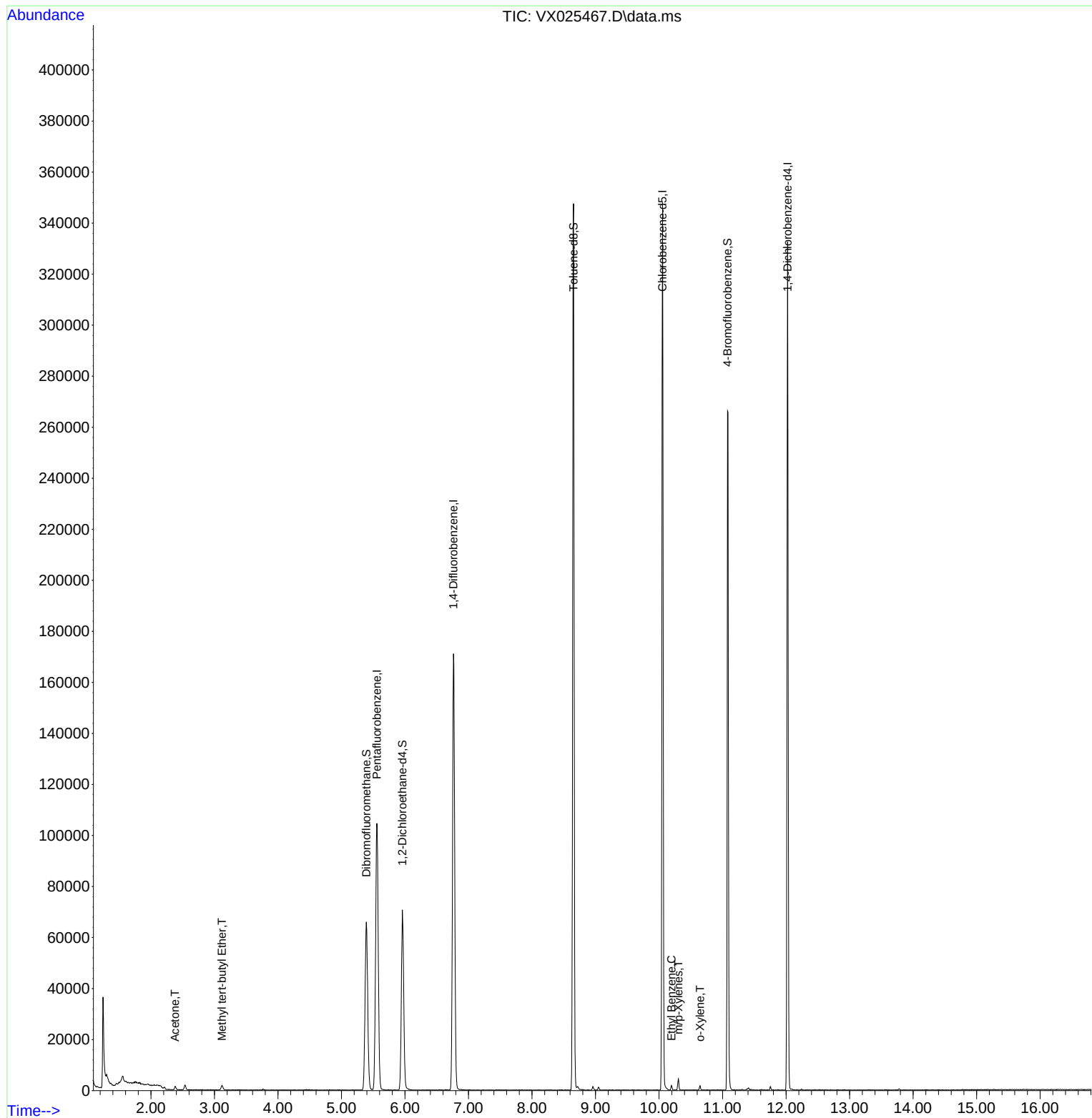
Internal Standards						
1) Pentafluorobenzene	5.556	168	107551	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	184724	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	163898	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	71971	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	63566	56.071	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 112.140%		
35) Dibromofluoromethane	5.391	113	56666	49.996	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.000%		
50) Toluene-d8	8.653	98	213832	50.178	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 100.360%		
62) 4-Bromofluorobenzene	11.079	95	73100	45.343	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 90.680%		
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	1639	2.602	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	2093	0.603	ug/l #	89
67) Ethyl Benzene	10.195	91	1207	0.209	ug/l #	83
68) m/p-Xylenes	10.305	106	1088	0.462	ug/l	93
69) o-Xylene	10.646	106	470	0.204	ug/l	92

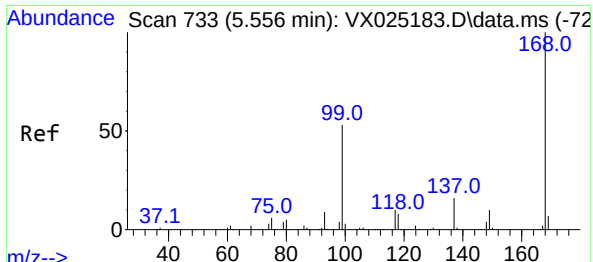
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 17 15:36:16 2021
Response via : Initial Calibration

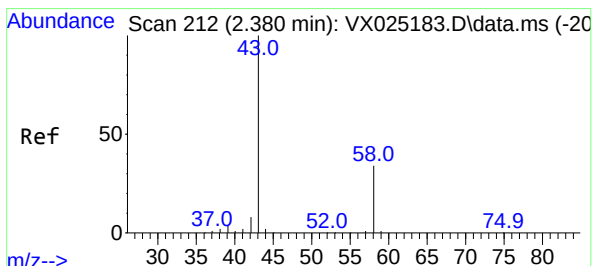
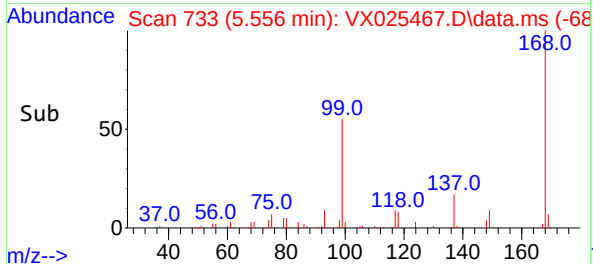
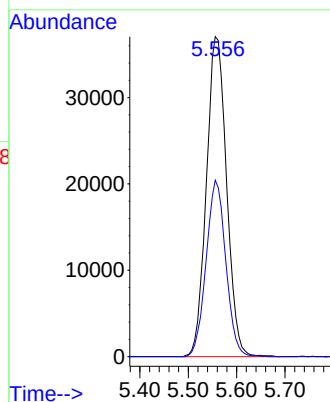
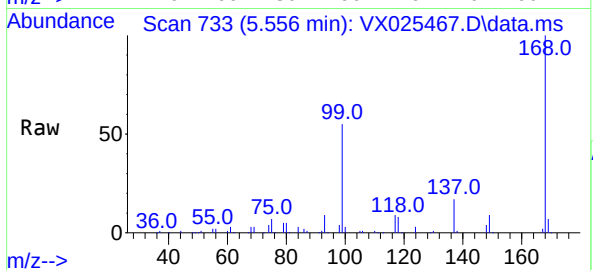




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025467.D
Acq: 03 Dec 2021 07:10

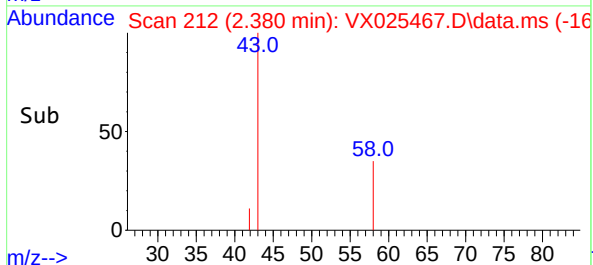
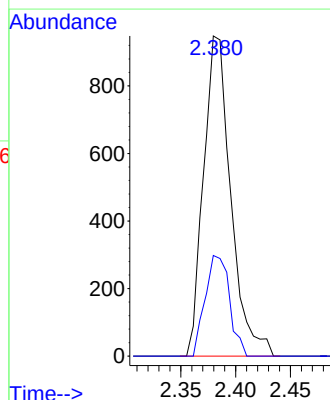
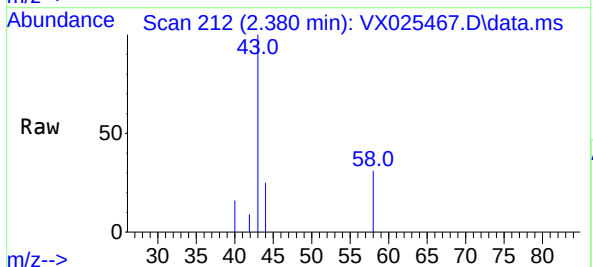
Instrument :
MSVOA_X
ClientSampleId :
MW-45B

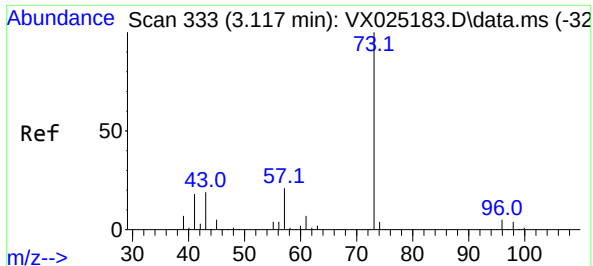
Tgt Ion:168 Resp: 107551
Ion Ratio Lower Upper
168 100
99 55.2 46.4 69.6



#16
Acetone
Concen: 2.602 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX025467.D
Acq: 03 Dec 2021 07:10

Tgt Ion: 43 Resp: 1639
Ion Ratio Lower Upper
43 100
58 31.4 24.0 36.0





#19

Methyl tert-butyl Ether

Concen: 0.603 ug/l

RT: 3.117 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX025467.D

Acq: 03 Dec 2021 07:10

Instrument :

MSVOA_X

ClientSampleId :

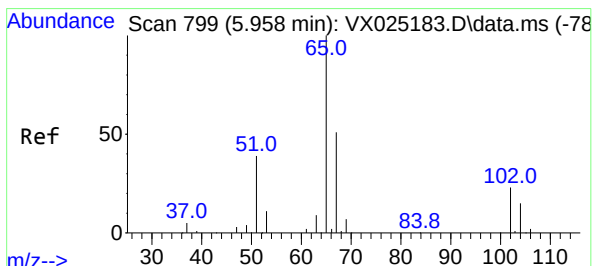
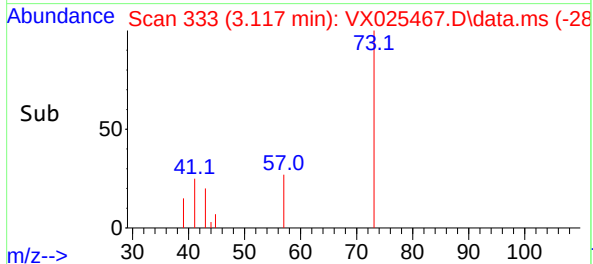
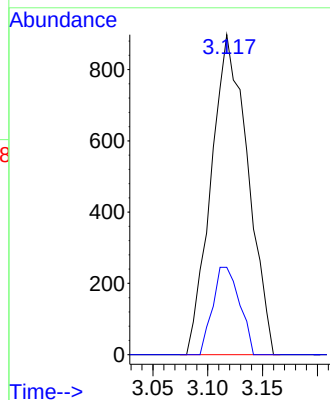
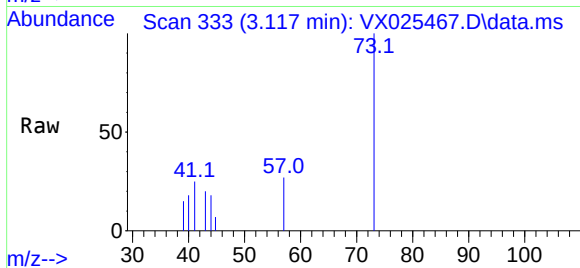
MW-45B

Tgt Ion: 73 Resp: 2093

Ion Ratio Lower Upper

73 100

57 27.3 17.5 26.3#



#33

1,2-Dichloroethane-d4

Concen: 56.071 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX025467.D

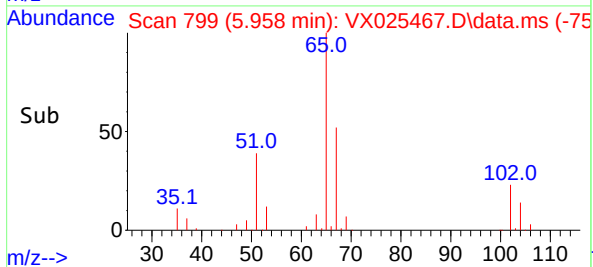
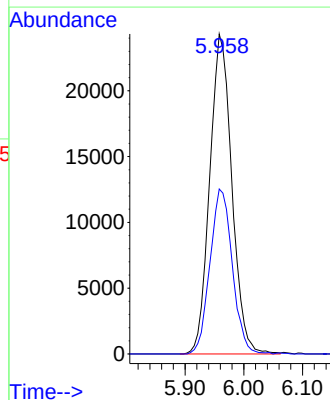
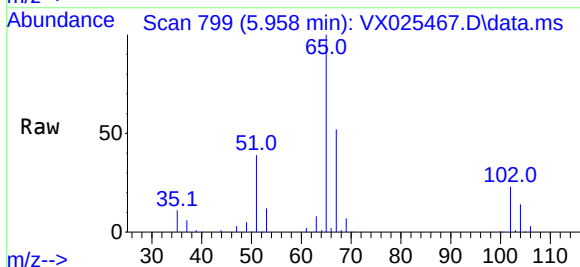
Acq: 03 Dec 2021 07:10

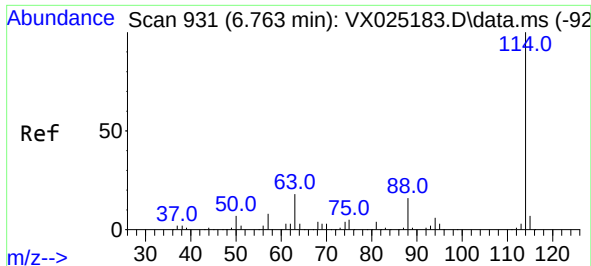
Tgt Ion: 65 Resp: 63566

Ion Ratio Lower Upper

65 100

67 52.1 0.0 101.0

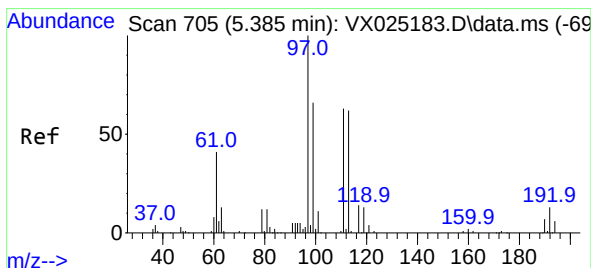
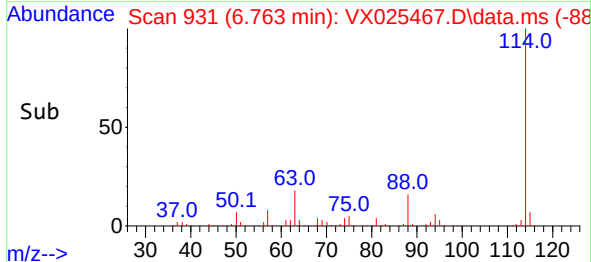
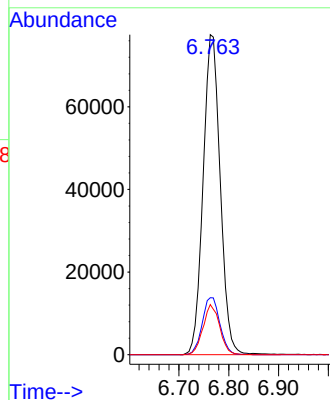
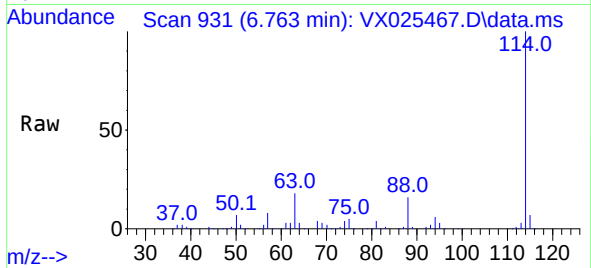




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX025467.D
Acq: 03 Dec 2021 07:10

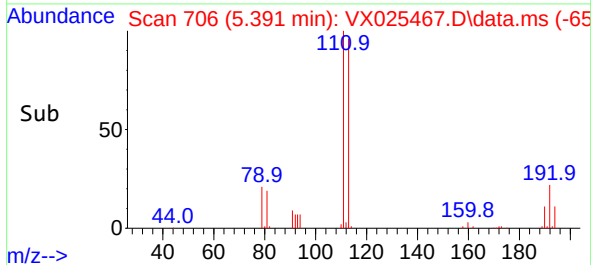
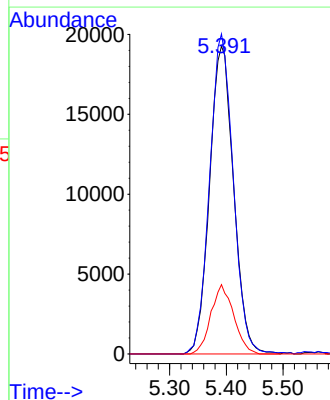
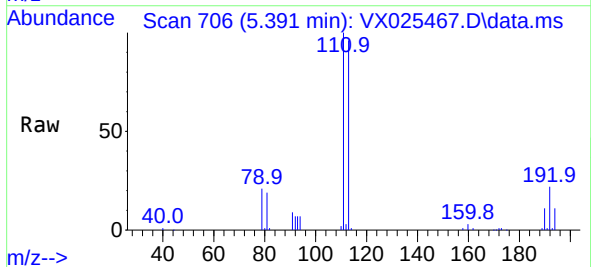
Instrument :
MSVOA_X
ClientSampleId :
MW-45B

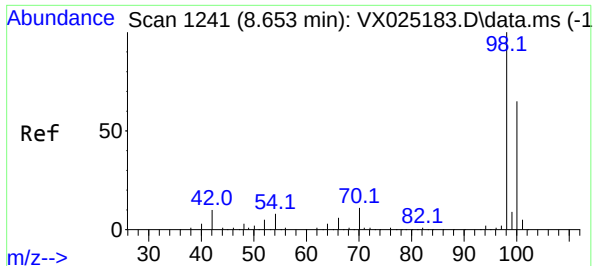
Tgt Ion:114 Resp: 184724
Ion Ratio Lower Upper
114 100
63 17.8 0.0 41.0
88 15.6 0.0 34.8



#35
Dibromofluoromethane
Concen: 49.996 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX025467.D
Acq: 03 Dec 2021 07:10

Tgt Ion:113 Resp: 56666
Ion Ratio Lower Upper
113 100
111 102.2 82.1 123.1
192 21.4 15.6 23.4

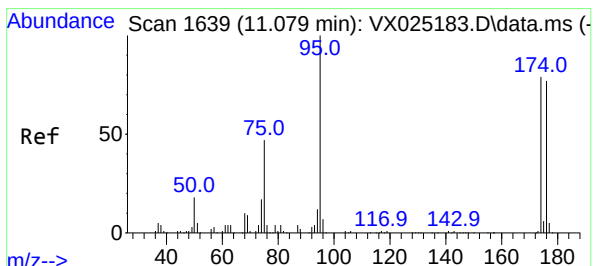
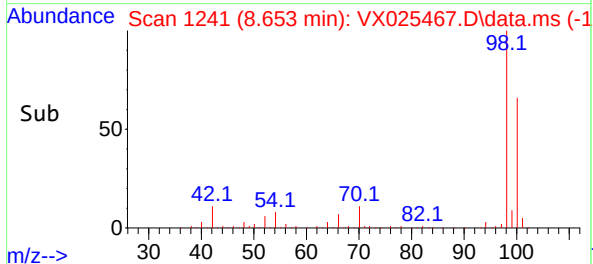
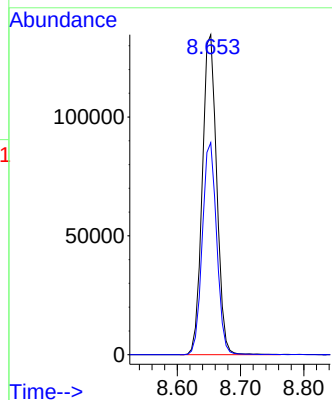
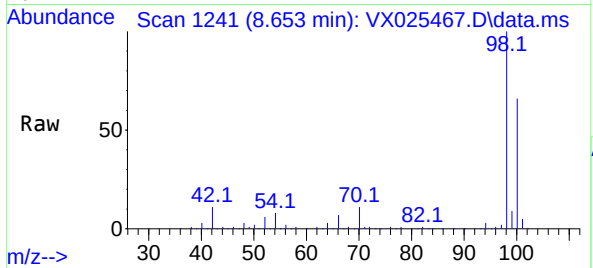




#50
Toluene-d8
Concen: 50.178 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025467.D
Acq: 03 Dec 2021 07:10

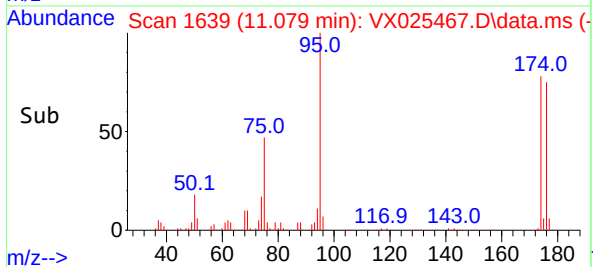
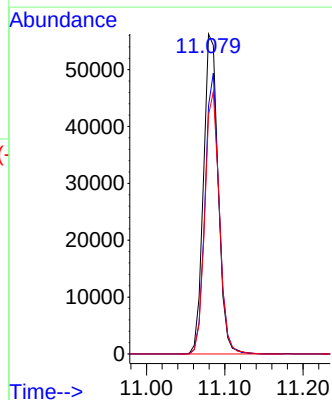
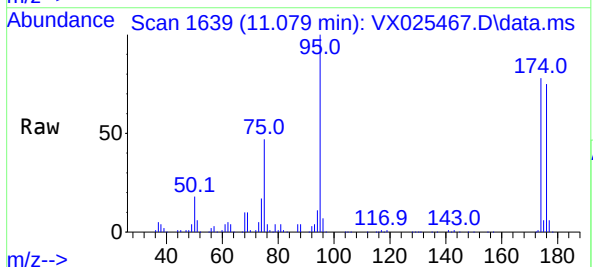
Instrument :
MSVOA_X
ClientSampleId :
MW-45B

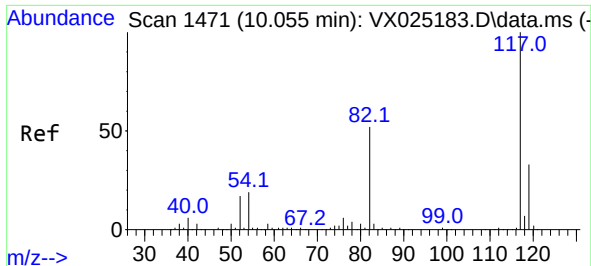
Tgt Ion: 98 Resp: 213832
Ion Ratio Lower Upper
98 100
100 66.0 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 45.343 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX025467.D
Acq: 03 Dec 2021 07:10

Tgt Ion: 95 Resp: 73100
Ion Ratio Lower Upper
95 100
174 84.1 0.0 158.0
176 81.0 0.0 153.6

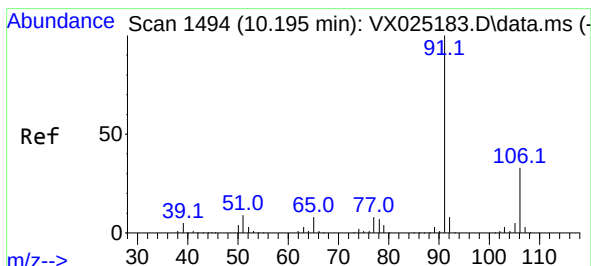
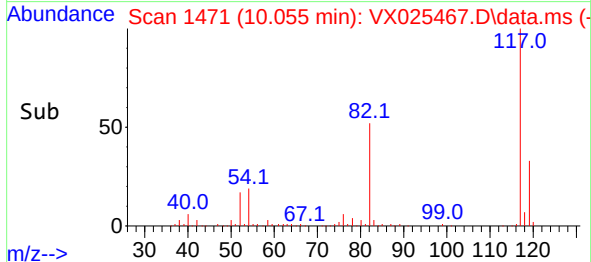
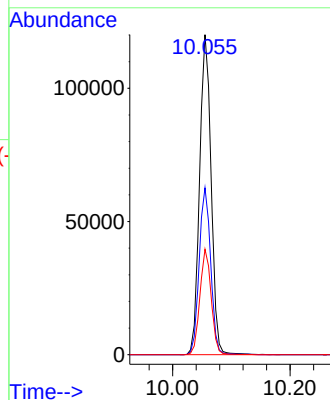
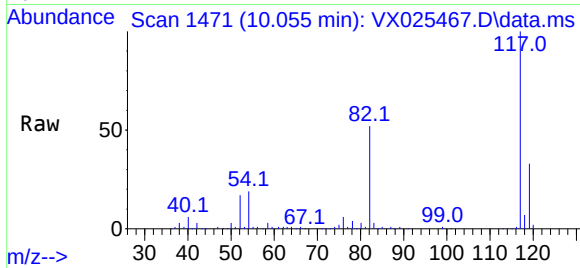




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025467.D
Acq: 03 Dec 2021 07:10

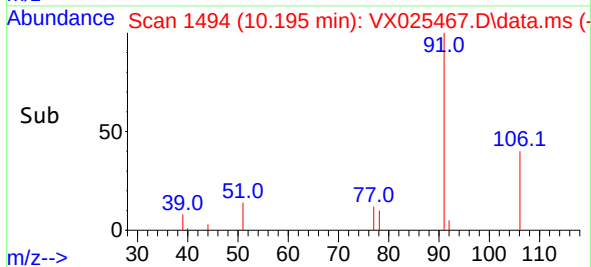
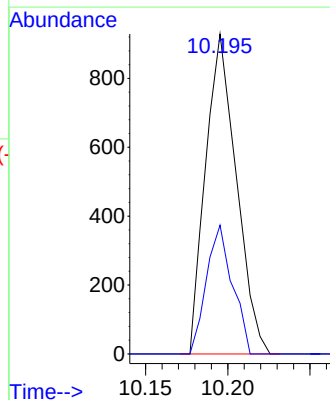
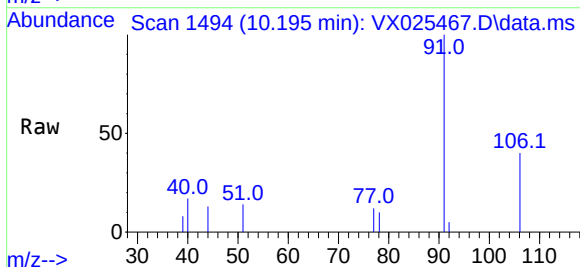
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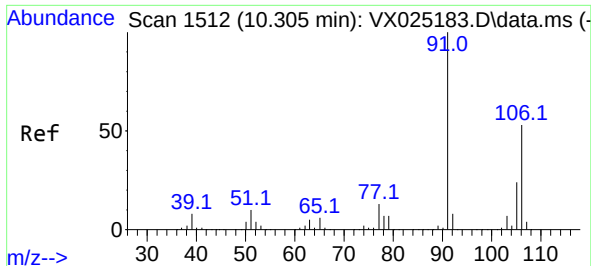
Tgt Ion:117 Resp: 163898
Ion Ratio Lower Upper
117 100
82 52.1 44.6 67.0
119 33.0 24.8 37.2



#67
Ethyl Benzene
Concen: 0.209 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX025467.D
Acq: 03 Dec 2021 07:10

Tgt Ion: 91 Resp: 1207
Ion Ratio Lower Upper
91 100
106 40.3 24.7 37.1#

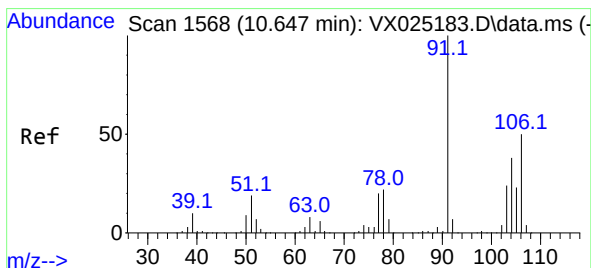
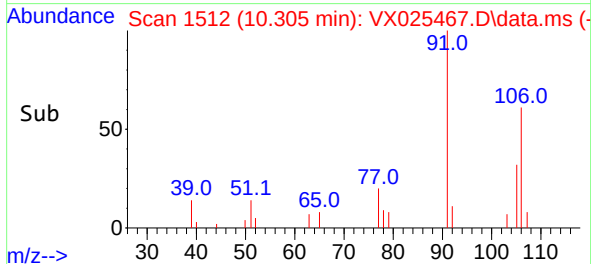
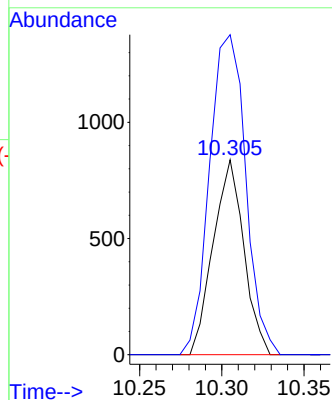
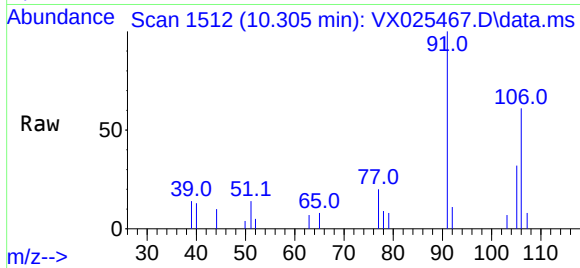




#68
m/p-Xylenes
Concen: 0.462 ug/l
RT: 10.305 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025467.D
Acq: 03 Dec 2021 07:10

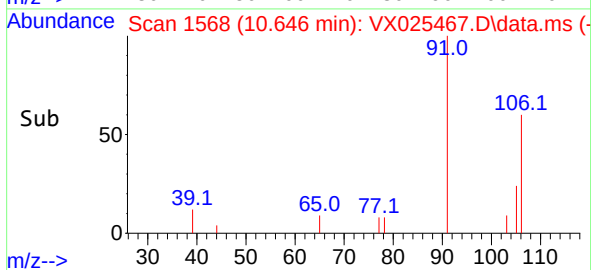
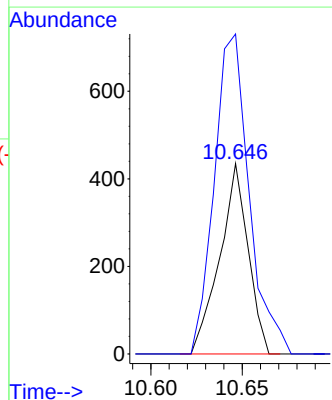
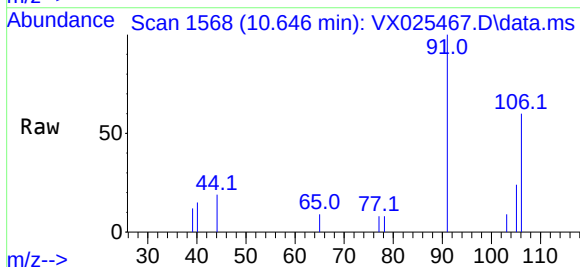
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ClientSampleId :
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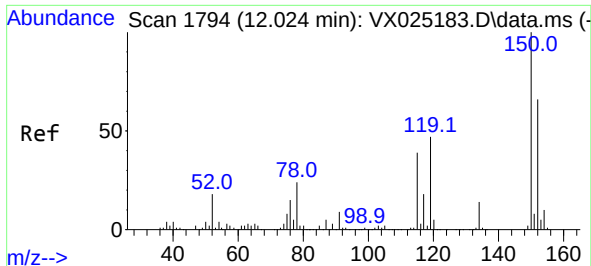
Tgt Ion:106 Resp: 1088
Ion Ratio Lower Upper
106 100
91 193.6 163.4 245.0



#69
o-Xylene
Concen: 0.204 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. -0.001 min
Lab File: VX025467.D
Acq: 03 Dec 2021 07:10

Tgt Ion:106 Resp: 470
Ion Ratio Lower Upper
106 100
91 206.0 109.5 328.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX025467.D

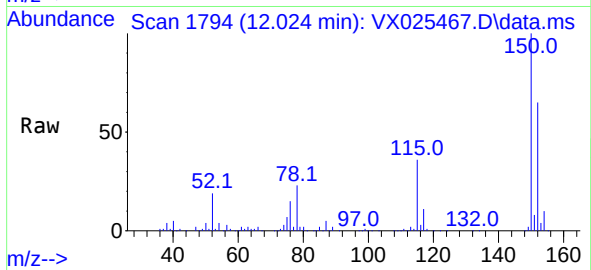
Acq: 03 Dec 2021 07:10

Instrument :

MSVOA_X

ClientSampleId :

MW-45B



Tgt Ion:152 Resp: 71971

Ion Ratio Lower Upper

152 100

115 57.2 43.3 129.8

150 157.1 0.0 351.2

