

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120522\
 Data File : VX033240.D
 Acq On : 05 Dec 2022 20:50
 Operator : JC/MD
 Sample : N5875-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-40

Quant Time: Dec 06 06:02:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

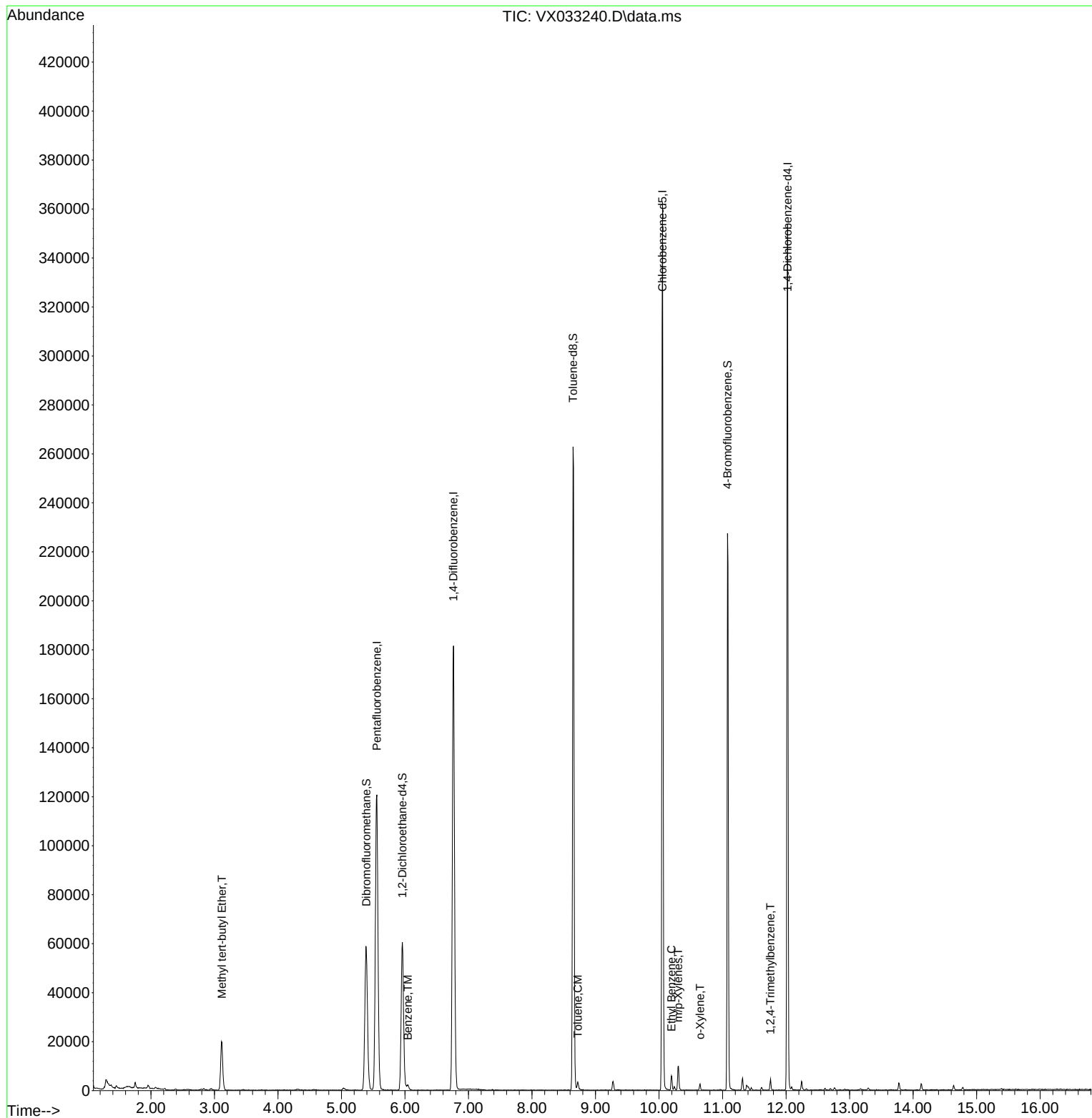
Internal Standards						
1) Pentafluorobenzene	5.556	168	117534	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	187323	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	163465	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74790	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	60833	53.166	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.340%	
35) Dibromofluoromethane	5.391	113	52126	49.359	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.720%	
50) Toluene-d8	8.647	98	160432	50.512	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.020%	
62) 4-Bromofluorobenzene	11.079	95	60675	43.738	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 87.480%	
Target Compounds						
					Qvalue	
19) Methyl tert-butyl Ether	3.117	73	21560	6.061	ug/l	98
40) Benzene	6.044	78	2395	0.506	ug/l #	89
52) Toluene	8.720	92	1286	0.413	ug/l	95
67) Ethyl Benzene	10.195	91	3626	0.627	ug/l	92
68) m/p-Xylenes	10.299	106	2447	1.081	ug/l	89
69) o-Xylene	10.646	106	643	0.294	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	2170	0.485	ug/l	94

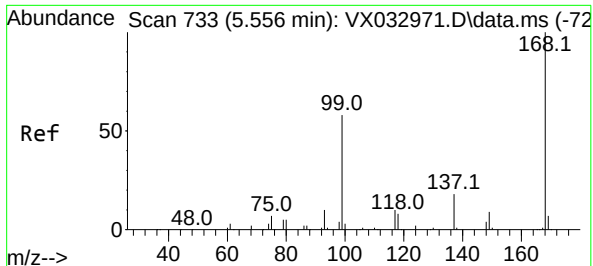
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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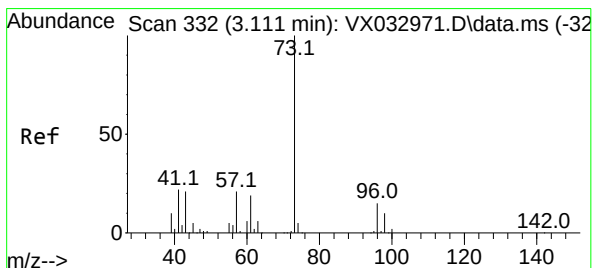
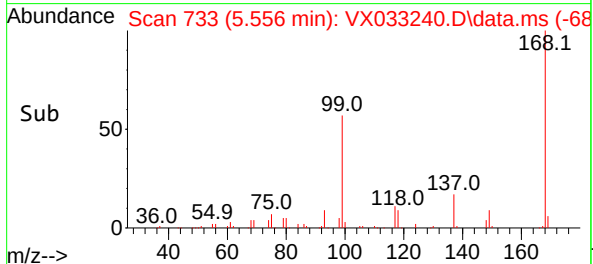
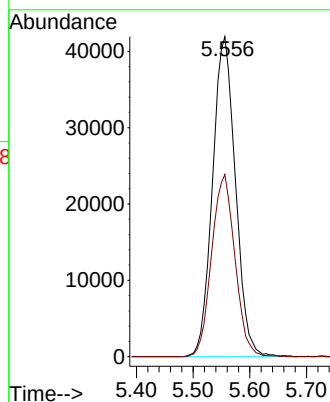
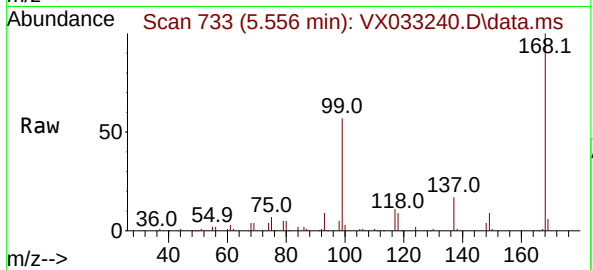




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX033240.D
Acq: 05 Dec 2022 20:50

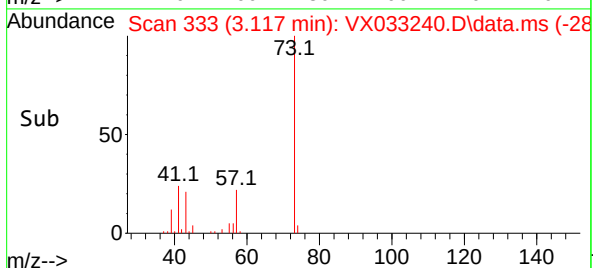
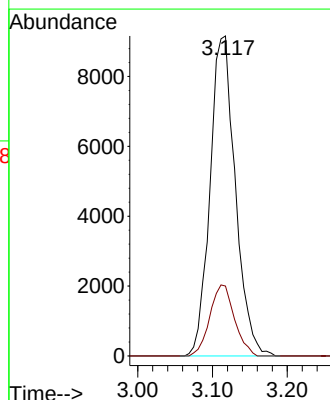
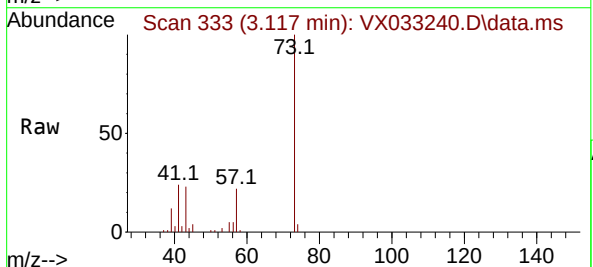
Instrument :
MSVOA_X
ClientSampleId :
MW-40

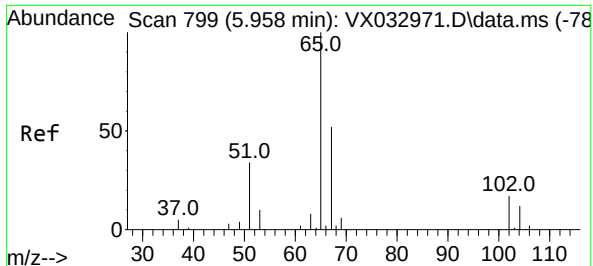
Tgt Ion:168 Resp: 117534
Ion Ratio Lower Upper
168 100
99 56.9 46.1 69.1



#19
Methyl tert-butyl Ether
Concen: 6.061 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX033240.D
Acq: 05 Dec 2022 20:50

Tgt Ion: 73 Resp: 21560
Ion Ratio Lower Upper
73 100
57 21.8 16.6 25.0





#33

1,2-Dichloroethane-d4

Concen: 53.166 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033240.D

Acq: 05 Dec 2022 20:50

Instrument :

MSVOA_X

ClientSampleId :

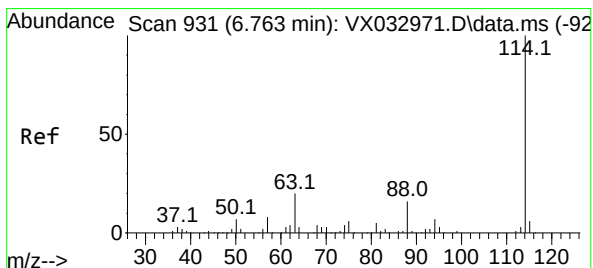
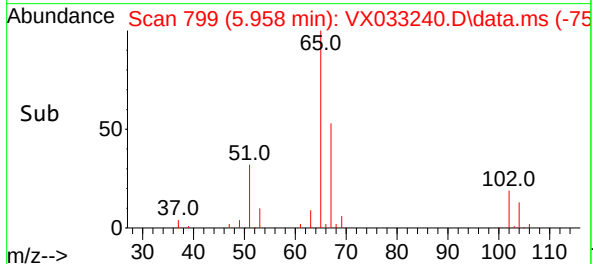
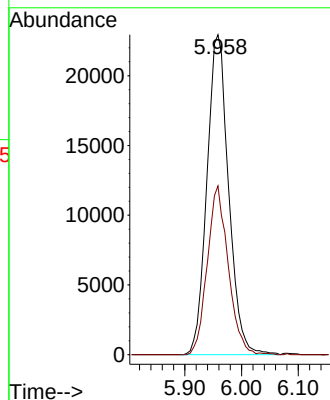
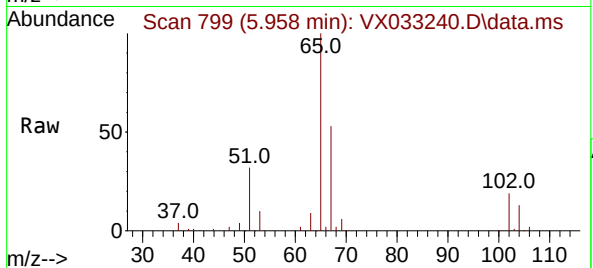
MW-40

Tgt Ion: 65 Resp: 60833

Ion Ratio Lower Upper

65 100

67 51.1 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX033240.D

Acq: 05 Dec 2022 20:50

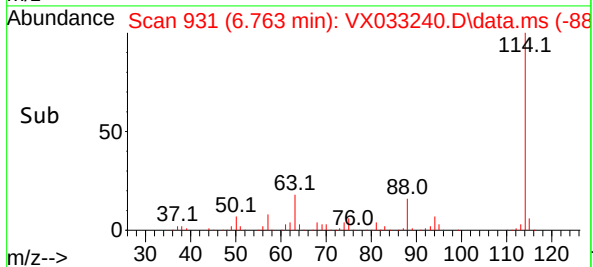
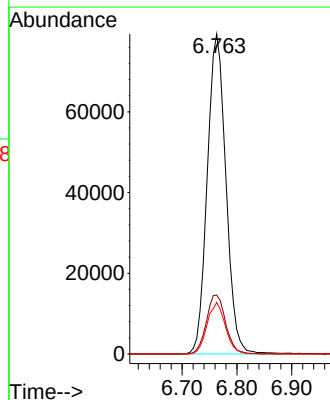
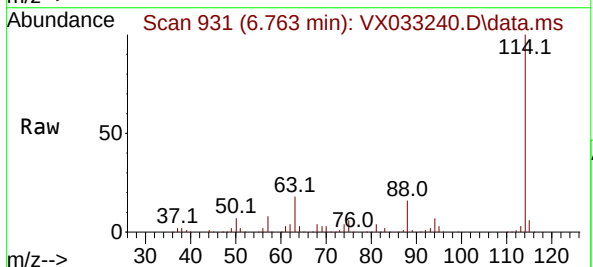
Tgt Ion: 114 Resp: 187323

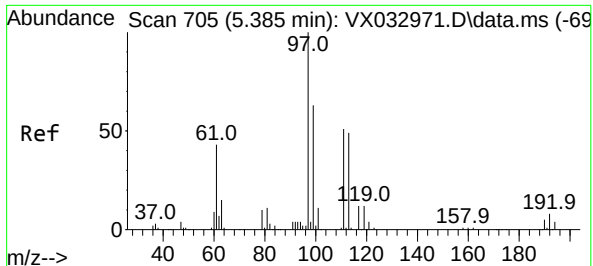
Ion Ratio Lower Upper

114 100

63 18.4 0.0 41.6

88 16.1 0.0 33.4

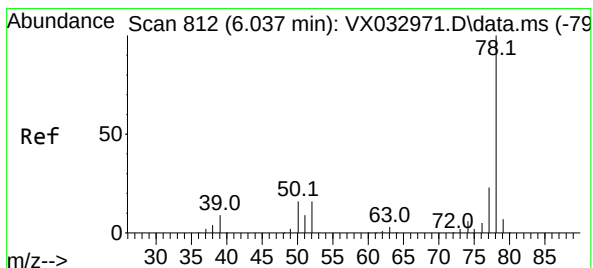
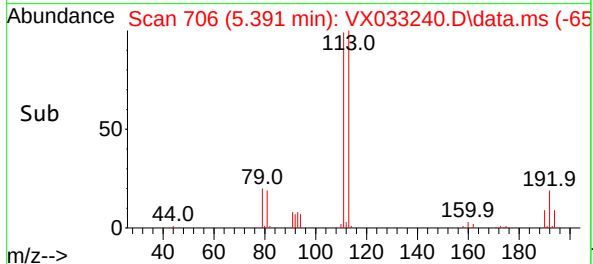
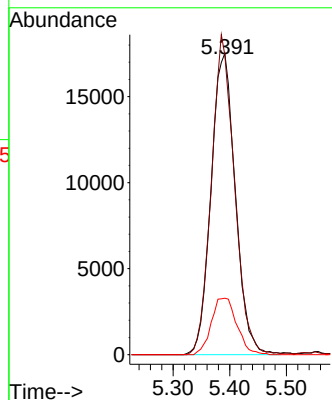
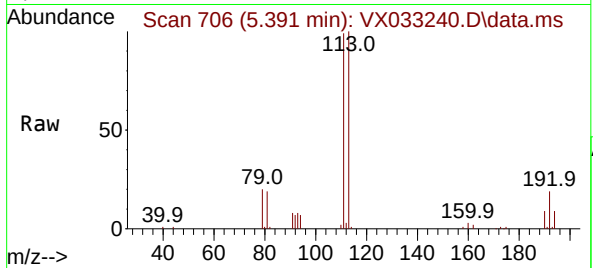




#35
Dibromofluoromethane
Concen: 49.359 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX033240.D
Acq: 05 Dec 2022 20:50

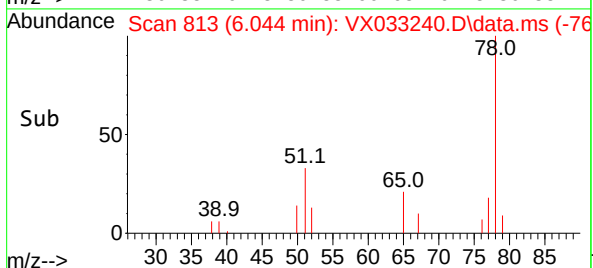
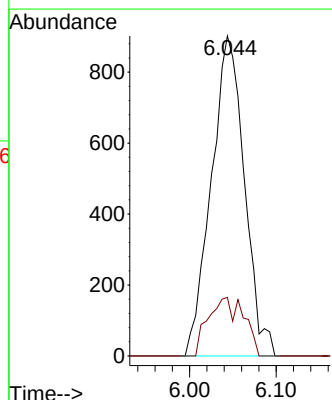
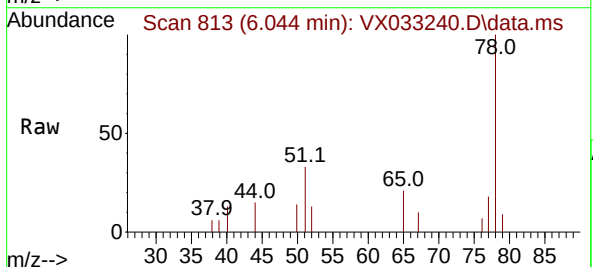
Instrument :
MSVOA_X
ClientSampleId :
MW-40

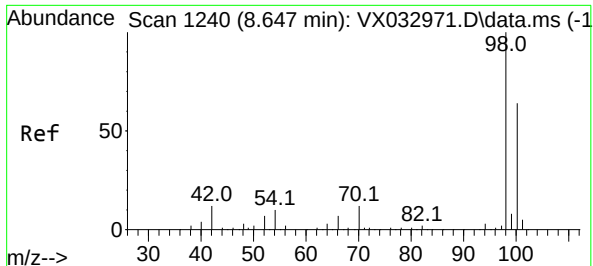
Tgt Ion:113 Resp: 52126
Ion Ratio Lower Upper
113 100
111 100.5 82.4 123.6
192 19.7 15.4 23.2



#40
Benzene
Concen: 0.506 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.007 min
Lab File: VX033240.D
Acq: 05 Dec 2022 20:50

Tgt Ion: 78 Resp: 2395
Ion Ratio Lower Upper
78 100
77 18.3 19.0 28.4#

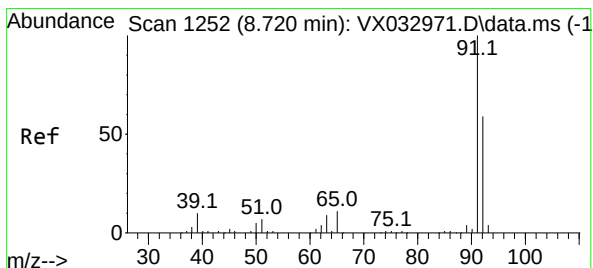
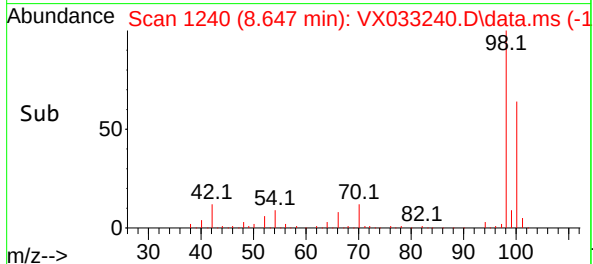
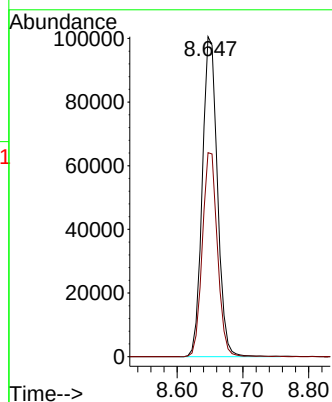
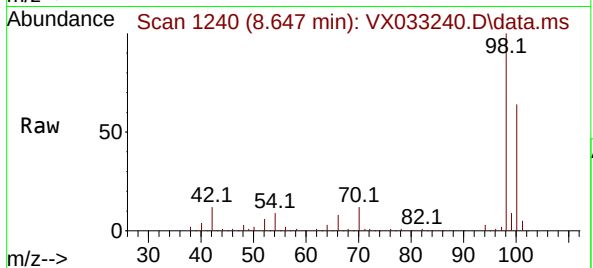




#50
Toluene-d8
Concen: 50.512 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033240.D
Acq: 05 Dec 2022 20:50

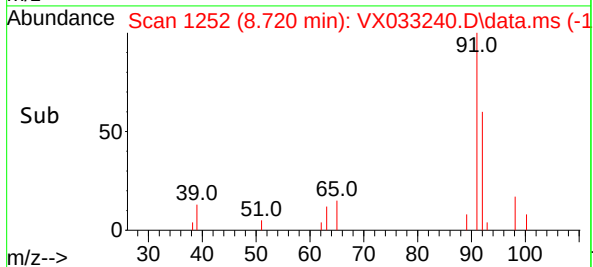
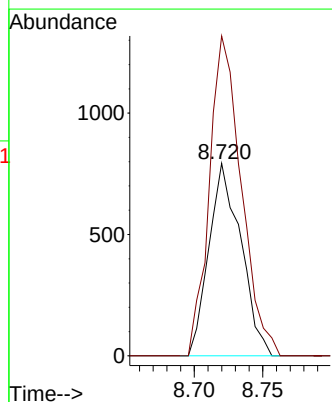
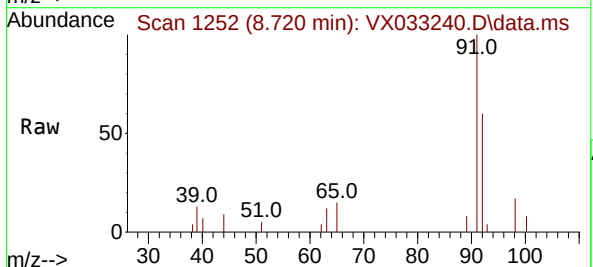
Instrument :
MSVOA_X
ClientSampleId :
MW-40

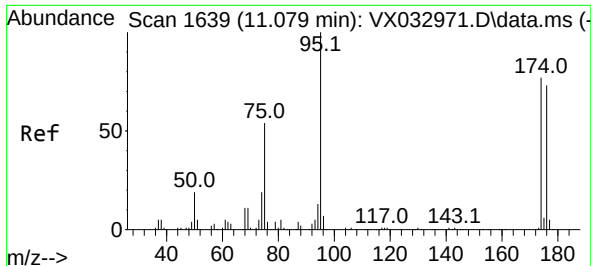
Tgt Ion: 98 Resp: 160432
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3



#52
Toluene
Concen: 0.413 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX033240.D
Acq: 05 Dec 2022 20:50

Tgt Ion: 92 Resp: 1286
Ion Ratio Lower Upper
92 100
91 166.1 138.3 207.5

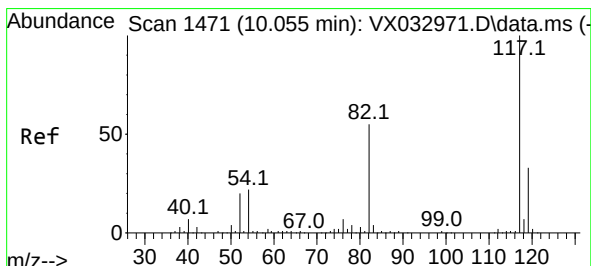
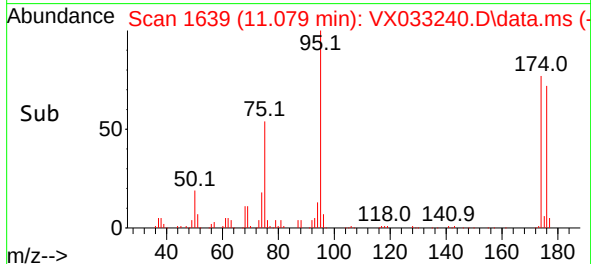
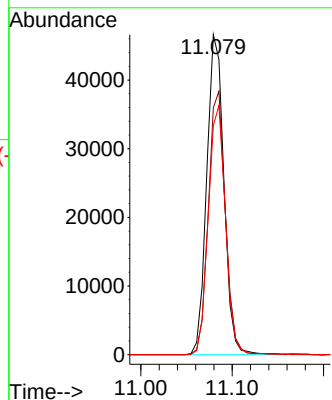
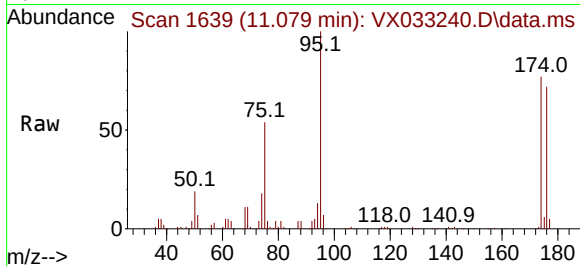




#62
4-Bromofluorobenzene
Concen: 43.738 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033240.D
Acq: 05 Dec 2022 20:50

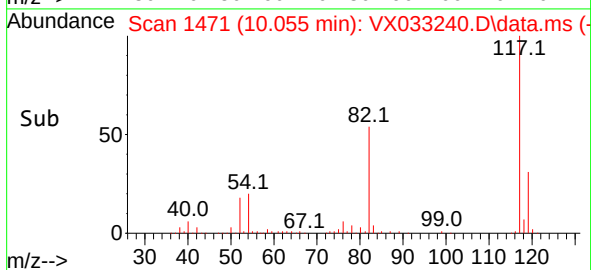
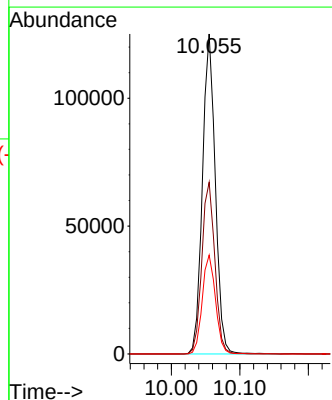
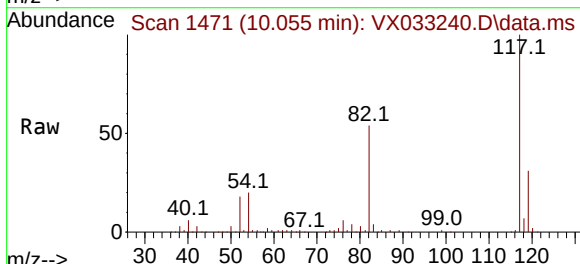
Instrument :
MSVOA_X
ClientSampleId :
MW-40

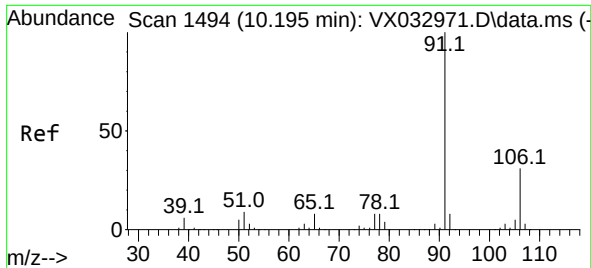
Tgt Ion: 95 Resp: 60675
Ion Ratio Lower Upper
95 100
174 81.8 0.0 164.0
176 78.2 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033240.D
Acq: 05 Dec 2022 20:50

Tgt Ion: 117 Resp: 163465
Ion Ratio Lower Upper
117 100
82 53.7 44.3 66.5
119 30.9 25.7 38.5

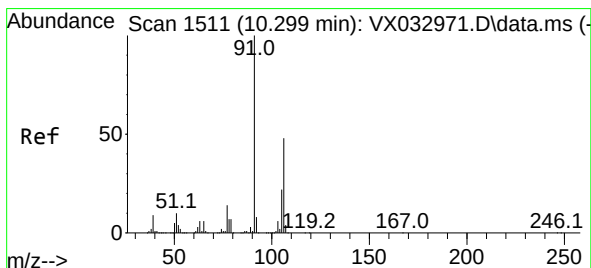
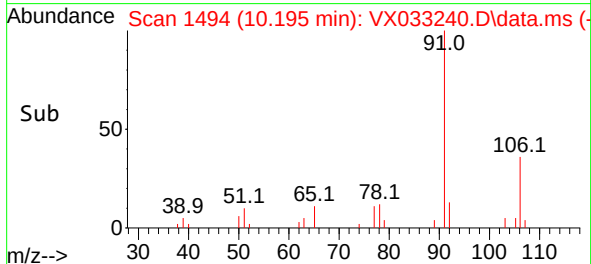
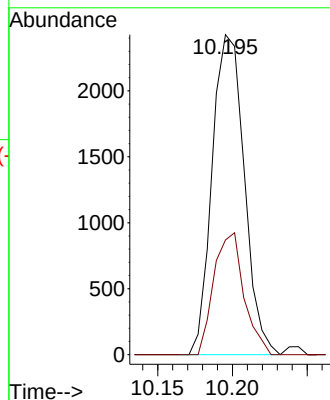
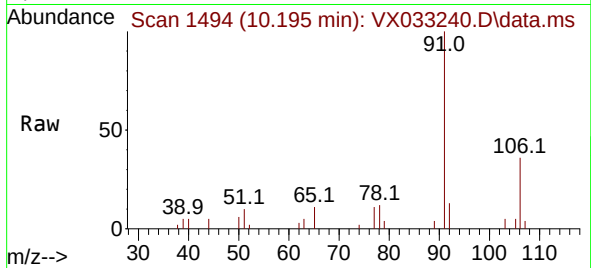




#67
Ethyl Benzene
Concen: 0.627 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033240.D
Acq: 05 Dec 2022 20:50

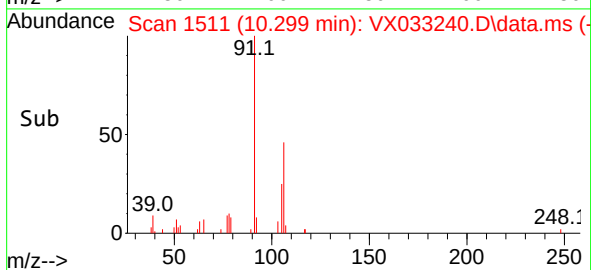
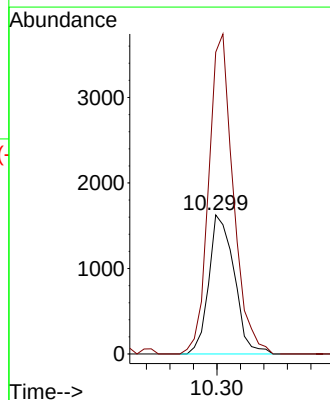
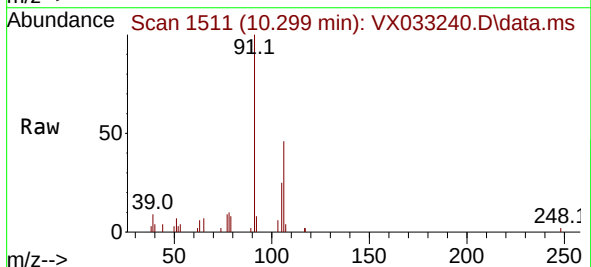
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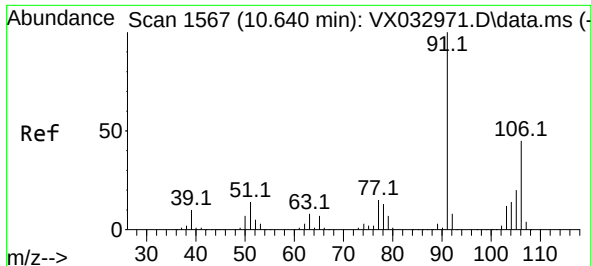
Tgt Ion: 91 Resp: 3626
Ion Ratio Lower Upper
91 100
106 35.9 25.0 37.6



#68
m/p-Xylenes
Concen: 1.081 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX033240.D
Acq: 05 Dec 2022 20:50

Tgt Ion: 106 Resp: 2447
Ion Ratio Lower Upper
106 100
91 221.8 164.5 246.7

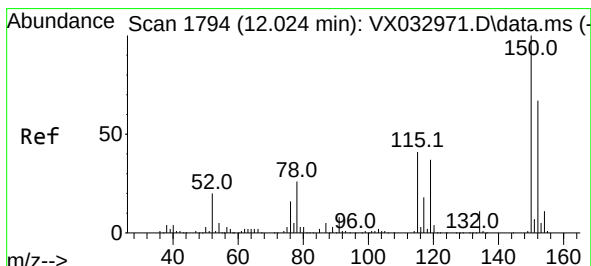
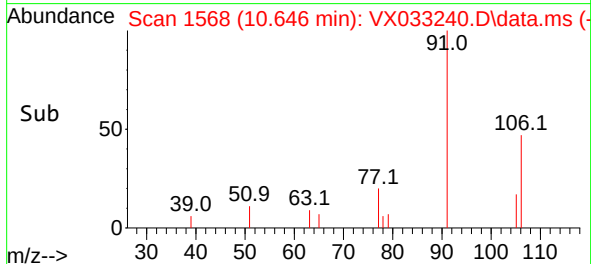
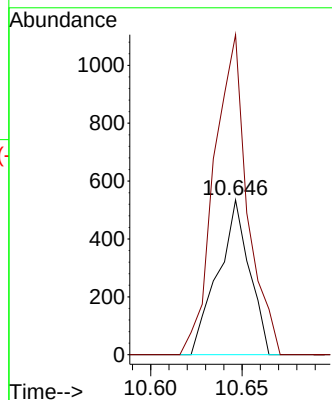
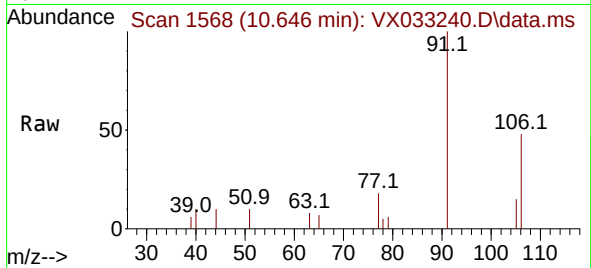




#69
o-Xylene
Concen: 0.294 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX033240.D
Acq: 05 Dec 2022 20:50

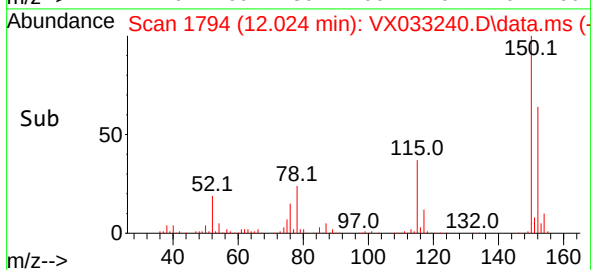
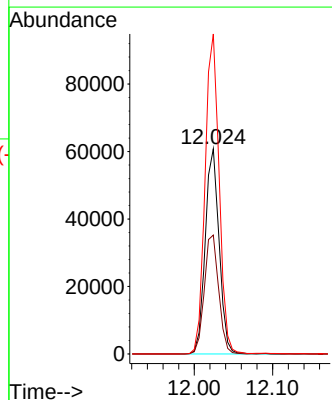
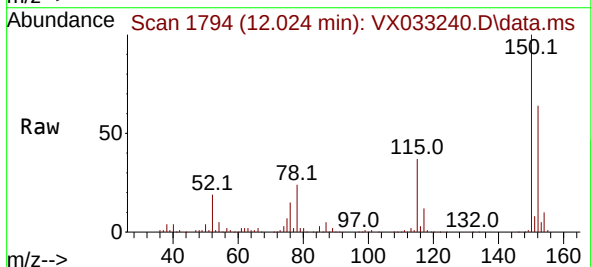
Instrument :
MSVOA_X
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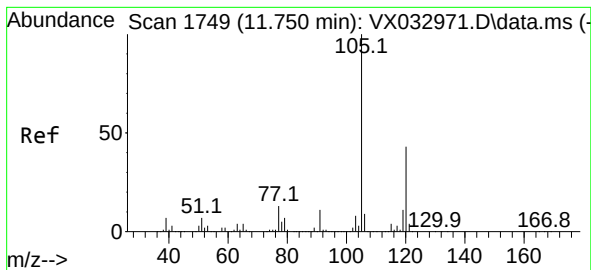
Tgt Ion:106 Resp: 643
Ion Ratio Lower Upper
106 100
91 218.4 109.2 327.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033240.D
Acq: 05 Dec 2022 20:50

Tgt Ion:152 Resp: 74790
Ion Ratio Lower Upper
152 100
115 59.9 44.0 132.0
150 157.1 0.0 351.8





#84

1,2,4-Trimethylbenzene

Concen: 0.485 ug/l

RT: 11.756 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX033240.D

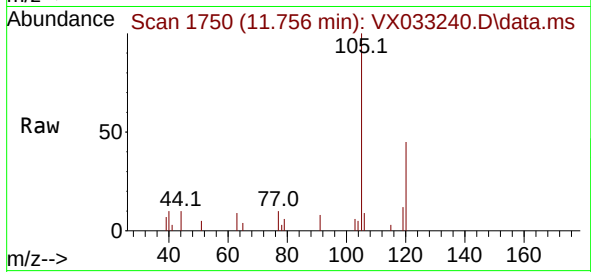
Acq: 05 Dec 2022 20:50

Instrument :

MSVOA_X

ClientSampleId :

MW-40



Tgt Ion:105 Resp: 2170

Ion Ratio Lower Upper

105 100

120 47.6 21.9 65.5

