

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083122\
 Data File : VX030977.D
 Acq On : 31 Aug 2022 14:46
 Operator : JC/MD
 Sample : N4381-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-34

Quant Time: Sep 01 00:56:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X083022W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 30 14:24:53 2022
 Response via : Initial Calibration

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

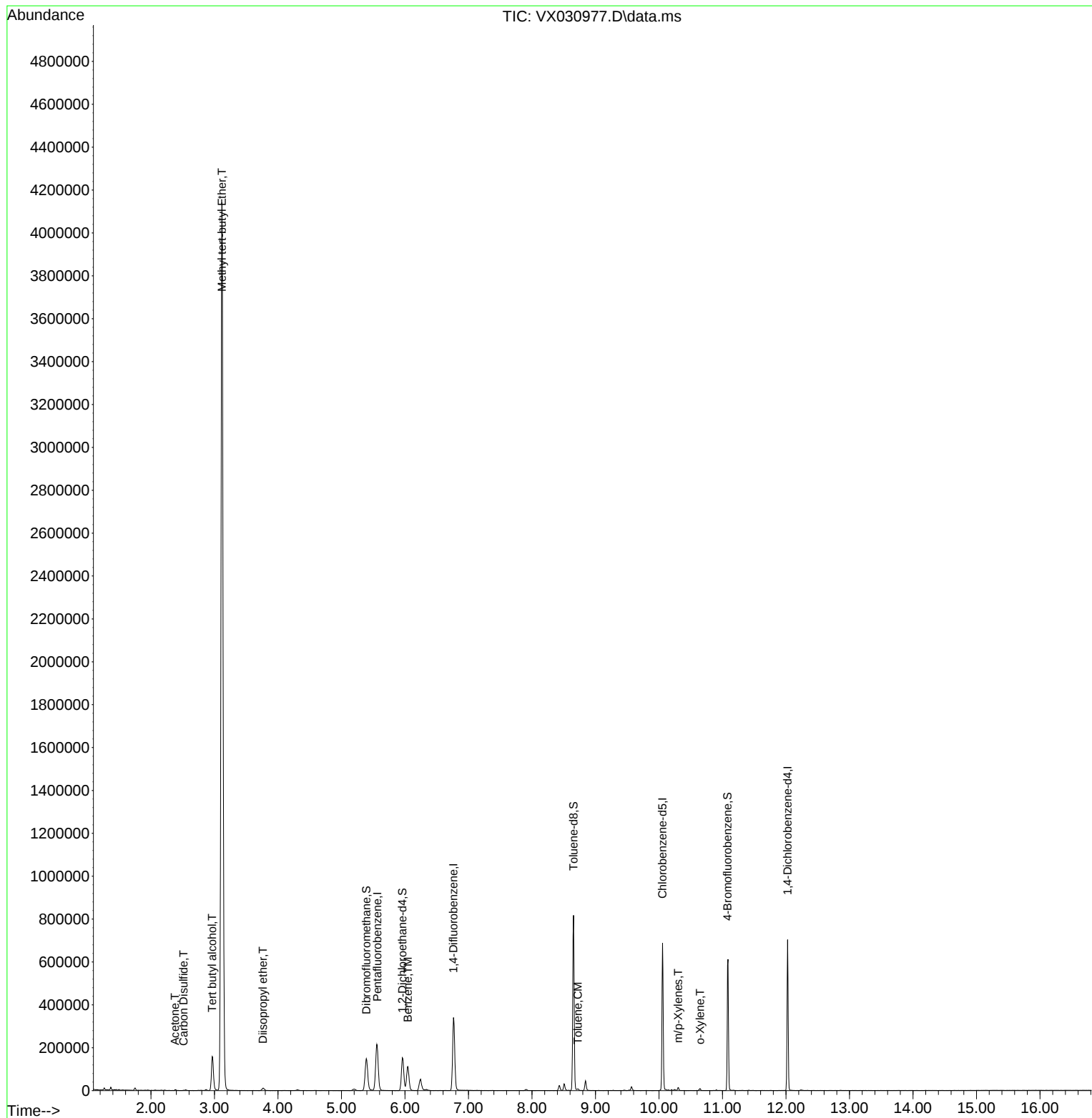
Internal Standards						
1) Pentafluorobenzene	5.562	168	213040	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	369604	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	325603	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	147692	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	145102	47.487	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.980%
35) Dibromofluoromethane	5.391	113	135876	49.871	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.740%
50) Toluene-d8	8.653	98	507173	50.265	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.540%
62) 4-Bromofluorobenzene	11.079	95	182208	50.711	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.420%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.965	59	195853	270.540	ug/l #	74
16) Acetone	2.380	43	4400	3.191	ug/l	92
17) Carbon Disulfide	2.514	76	1946	0.285	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	4935429	585.260	ug/l	95
22) Diisopropyl ether	3.764	45	11934	1.379	ug/l #	70
40) Benzene	6.044	78	143291	12.277	ug/l	96
52) Toluene	8.720	92	2636	0.370	ug/l	96
68) m/p-Xylenes	10.299	106	3445	0.666	ug/l	97
69) o-Xylene	10.647	106	1834	0.362	ug/l	80

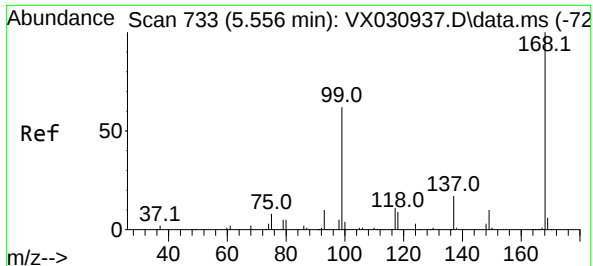
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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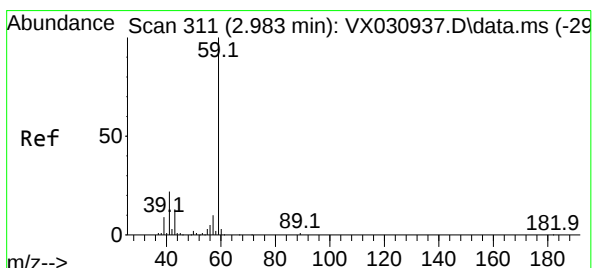
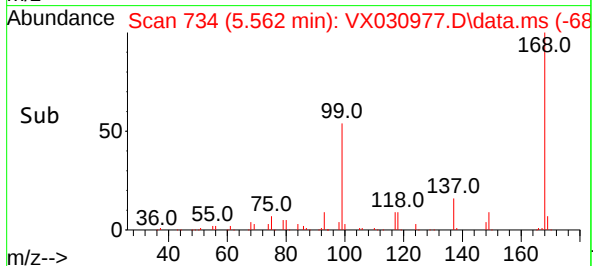
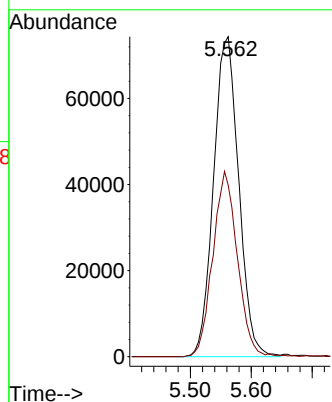
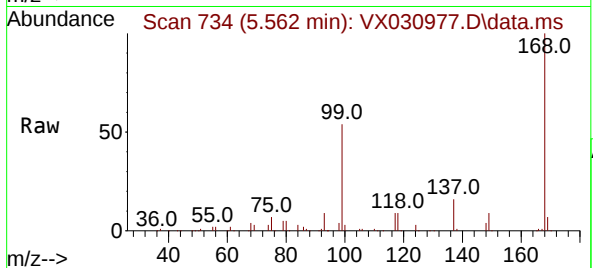




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030977.D
Acq: 31 Aug 2022 14:46

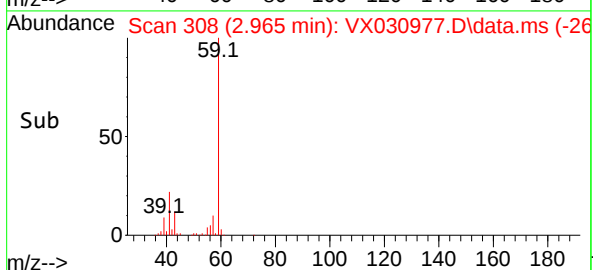
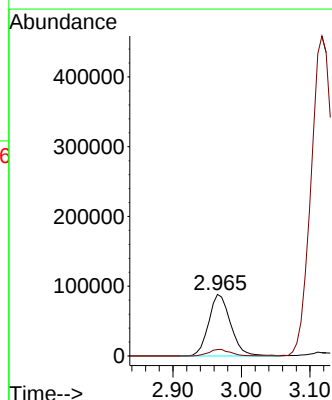
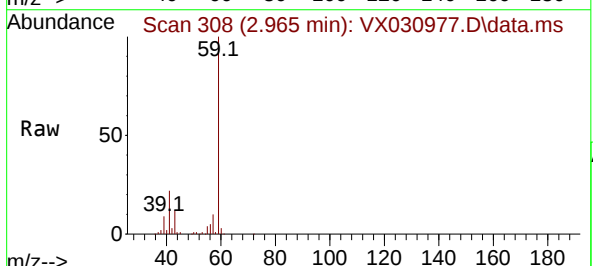
Instrument :
MSVOA_X
ClientSampleId :
MW-34

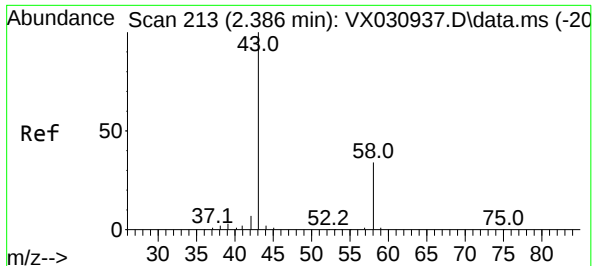
Tgt Ion:168 Resp: 213040
Ion Ratio Lower Upper
168 100
99 53.6 44.0 66.0



#11
Tert butyl alcohol
Concen: 270.540 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.024 min
Lab File: VX030977.D
Acq: 31 Aug 2022 14:46

Tgt Ion: 59 Resp: 195853
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

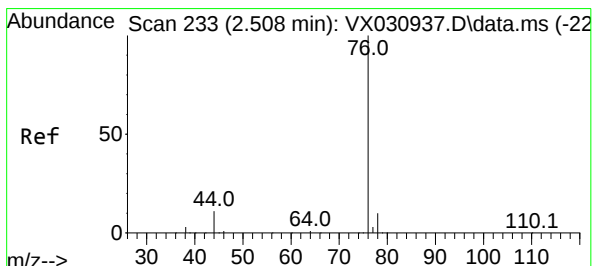
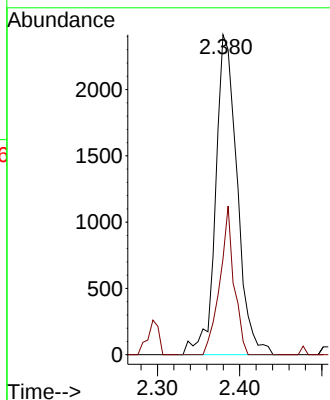
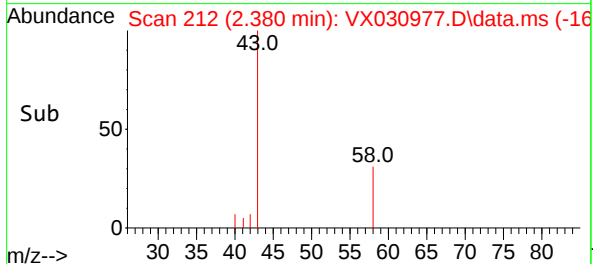
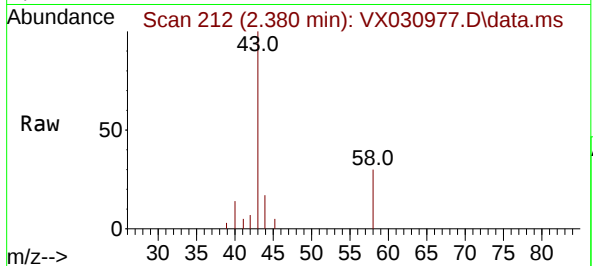




#16
Acetone
Concen: 3.191 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX030977.D
Acq: 31 Aug 2022 14:46

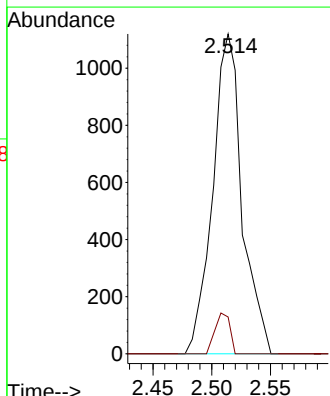
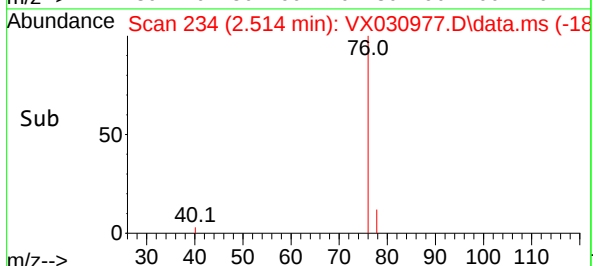
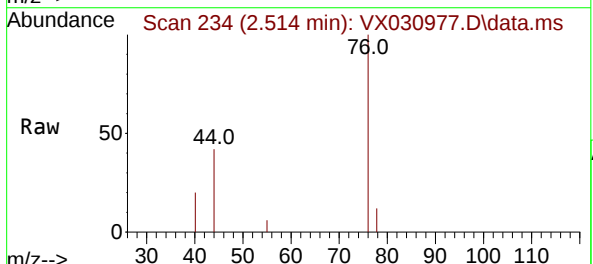
Instrument :
MSVOA_X
ClientSampleId :
MW-34

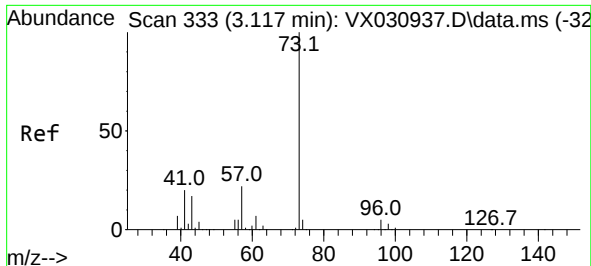
Tgt Ion: 43 Resp: 4400
Ion Ratio Lower Upper
43 100
58 30.0 27.7 41.5



#17
Carbon Disulfide
Concen: 0.285 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX030977.D
Acq: 31 Aug 2022 14:46

Tgt Ion: 76 Resp: 1946
Ion Ratio Lower Upper
76 100
78 11.5 7.8 11.6

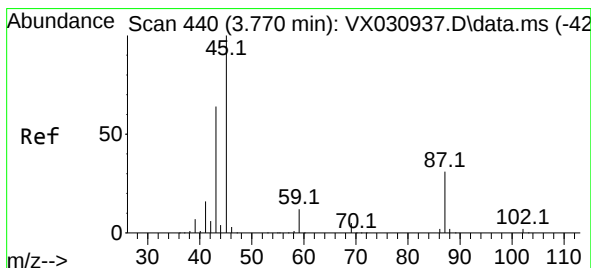
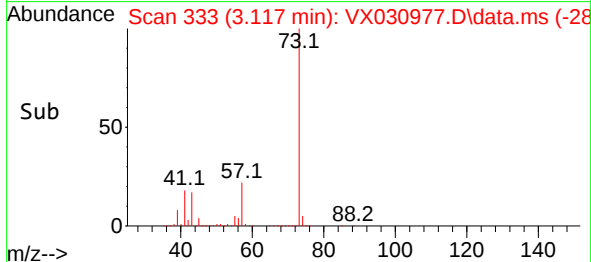
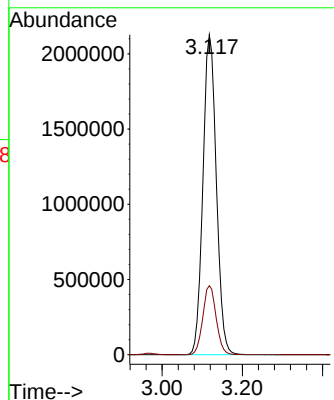
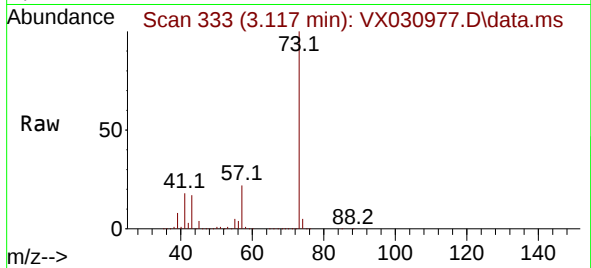




#19
Methyl tert-butyl Ether
Concen: 585.260 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX030977.D
Acq: 31 Aug 2022 14:46

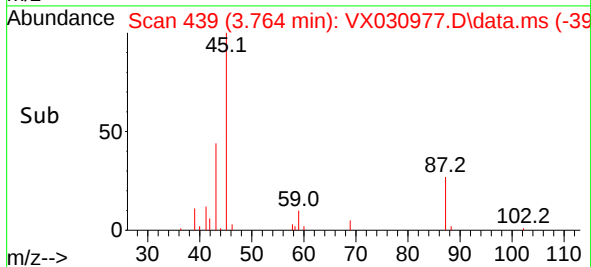
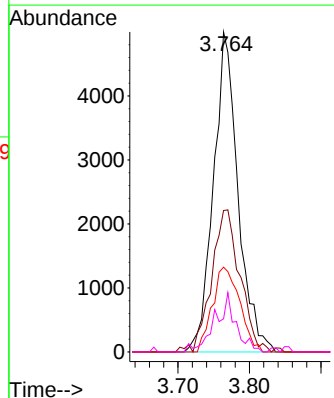
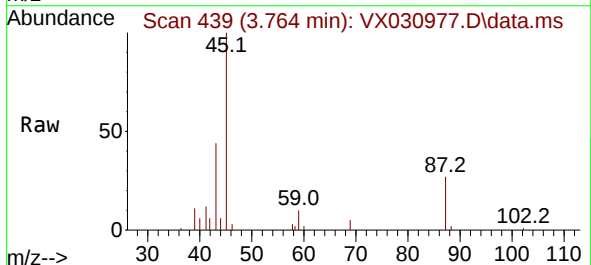
Instrument :
MSVOA_X
ClientSampleId :
MW-34

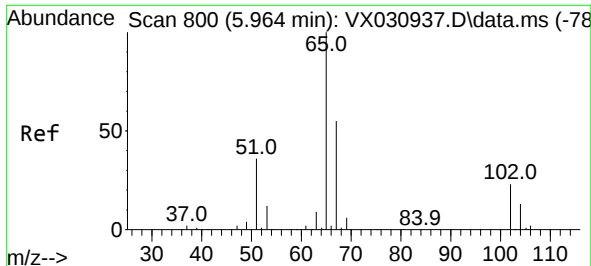
Tgt Ion: 73 Resp: 4935429
Ion Ratio Lower Upper
73 100
57 21.6 19.0 28.6



#22
Diisopropyl ether
Concen: 1.379 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX030977.D
Acq: 31 Aug 2022 14:46

Tgt Ion: 45 Resp: 11934
Ion Ratio Lower Upper
45 100
43 43.0 65.4 98.0#
87 26.5 22.3 33.5
59 10.4 9.0 13.4

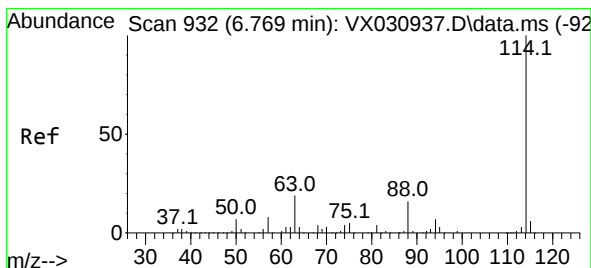
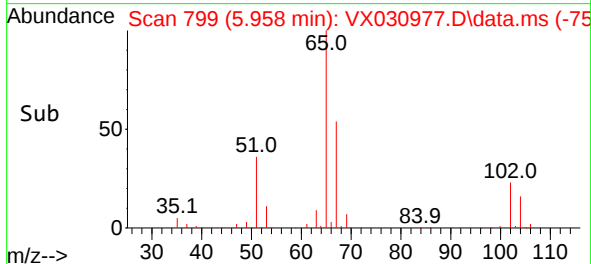
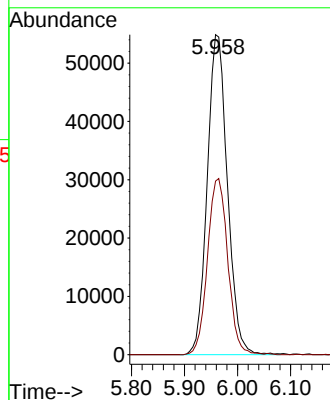
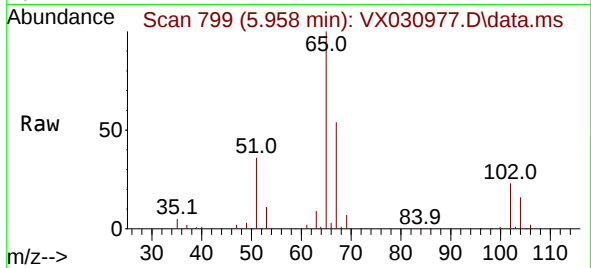




#33
 1,2-Dichloroethane-d4
 Concen: 47.487 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX030977.D
 Acq: 31 Aug 2022 14:46

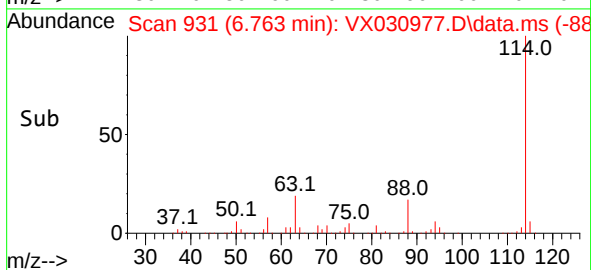
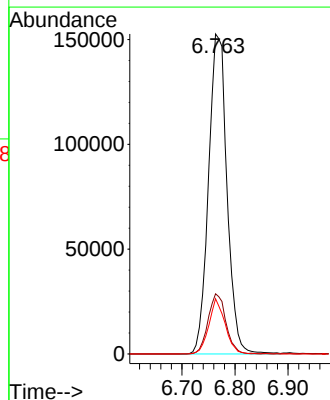
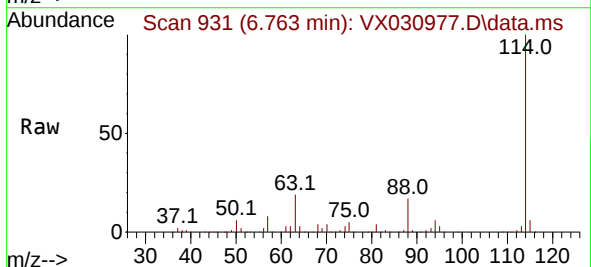
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-34

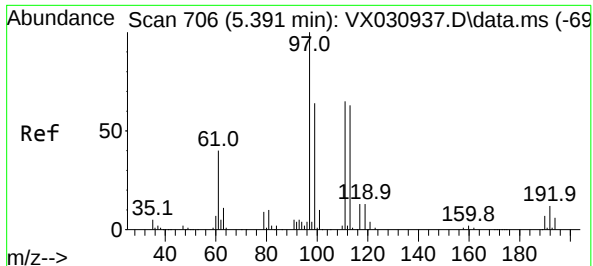
Tgt Ion: 65 Resp: 145102
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.006 min
 Lab File: VX030977.D
 Acq: 31 Aug 2022 14:46

Tgt Ion: 114 Resp: 369604
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 38.4
 88 17.2 0.0 31.8





#35

Dibromofluoromethane

Concen: 49.871 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030977.D

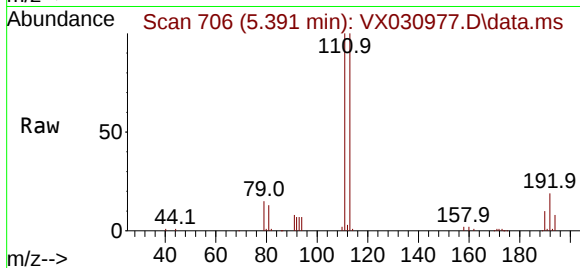
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Instrument :

MSVOA_X

ClientSampleId :

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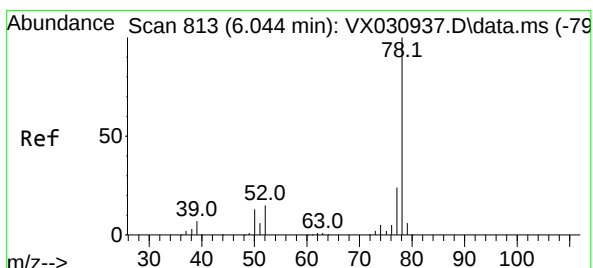
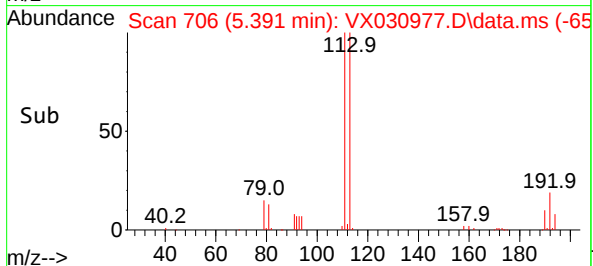
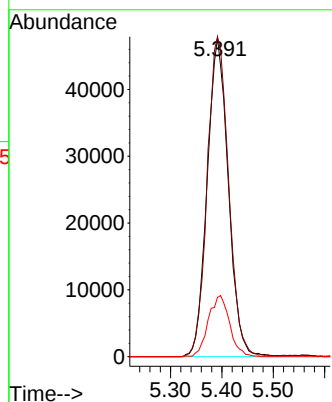
Tgt Ion:113 Resp: 135876

Ion Ratio Lower Upper

113 100

111 102.3 83.2 124.8

192 19.4 14.8 22.2



#40

Benzene

Concen: 12.277 ug/l

RT: 6.044 min Scan# 813

Delta R.T. -0.000 min

Lab File: VX030977.D

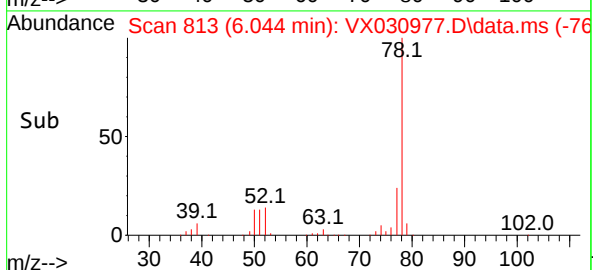
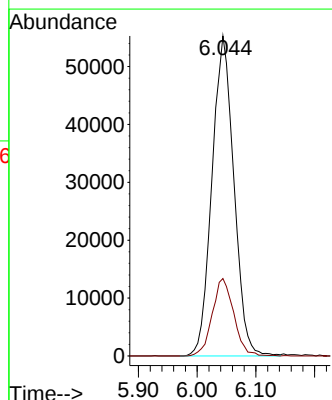
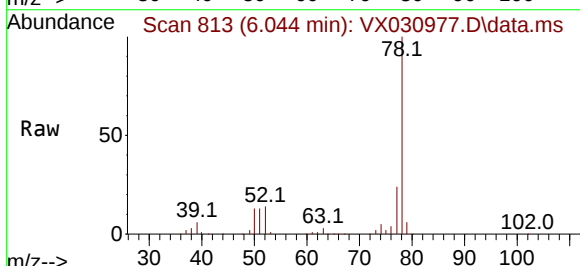
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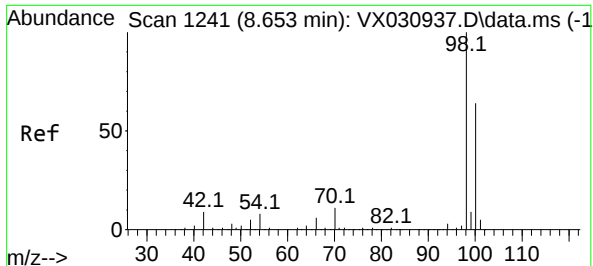
Tgt Ion: 78 Resp: 143291

Ion Ratio Lower Upper

78 100

77 24.2 18.0 27.0

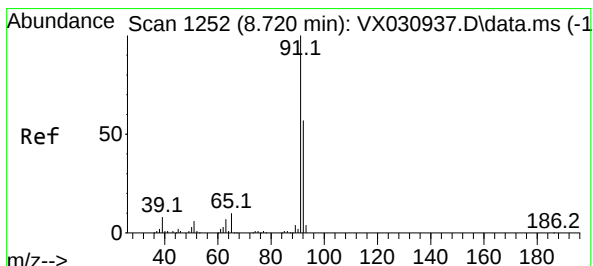
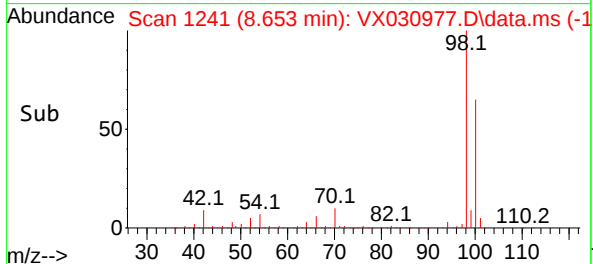
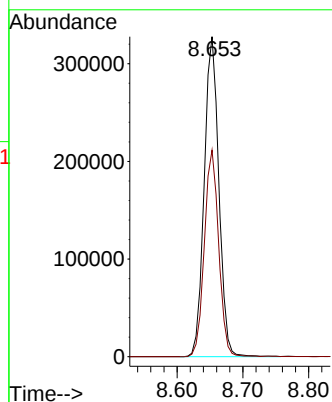
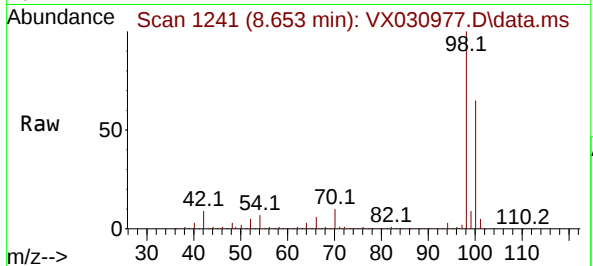




#50
Toluene-d8
Concen: 50.265 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030977.D
Acq: 31 Aug 2022 14:46

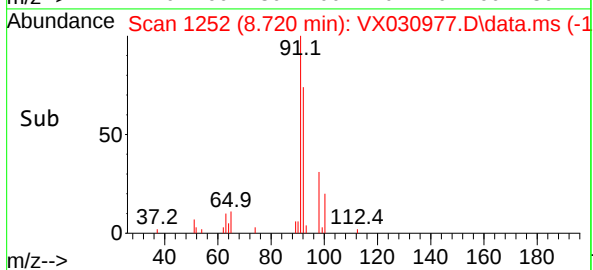
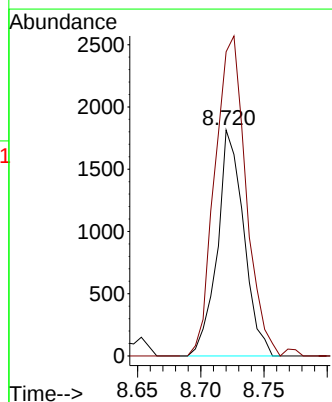
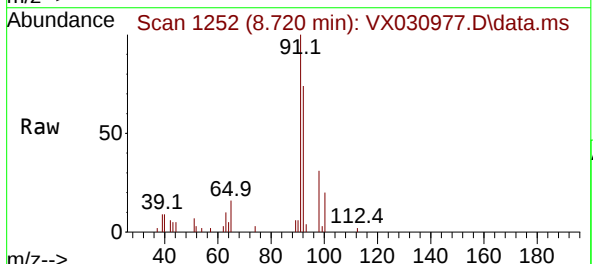
Instrument :
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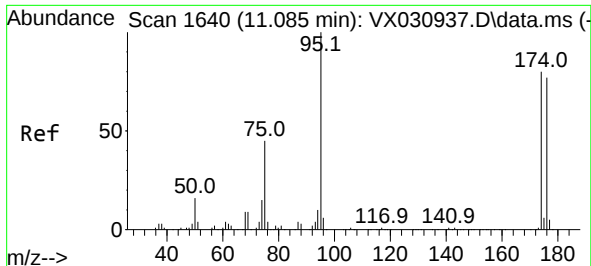
Tgt Ion: 98 Resp: 507173
Ion Ratio Lower Upper
98 100
100 63.2 52.3 78.5



#52
Toluene
Concen: 0.370 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX030977.D
Acq: 31 Aug 2022 14:46

Tgt Ion: 92 Resp: 2636
Ion Ratio Lower Upper
92 100
91 168.0 139.2 208.8





#62

4-Bromofluorobenzene

Concen: 50.711 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX030977.D

Acq: 31 Aug 2022 14:46

Instrument :

MSVOA_X

ClientSampleId :

MW-34

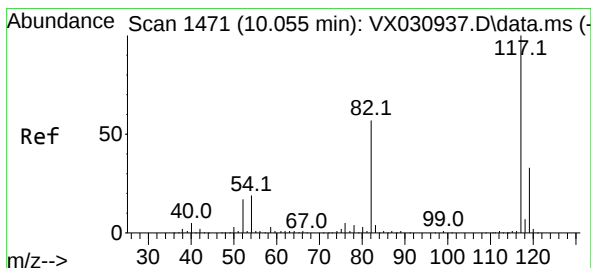
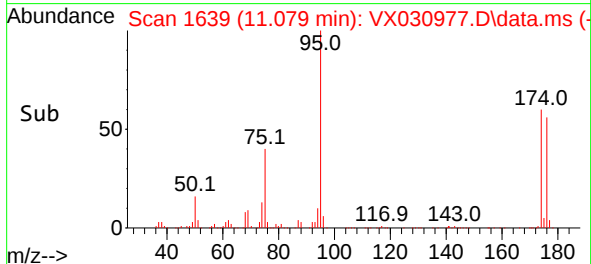
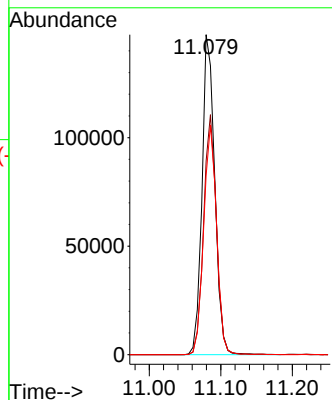
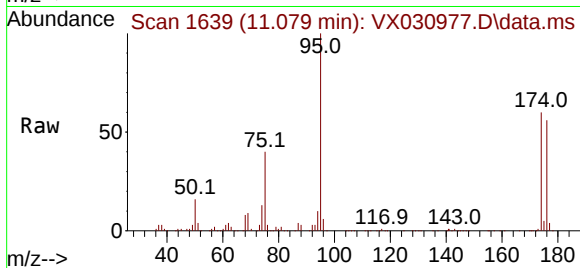
Tgt Ion: 95 Resp: 182208

Ion Ratio Lower Upper

95 100

174 75.4 0.0 149.0

176 73.0 0.0 146.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX030977.D

Acq: 31 Aug 2022 14:46

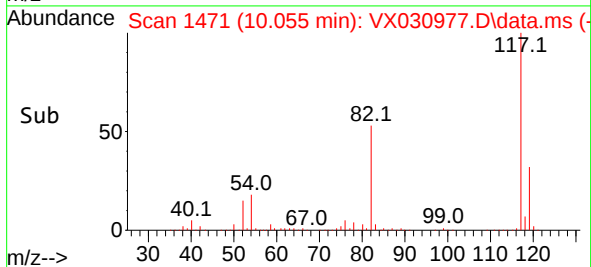
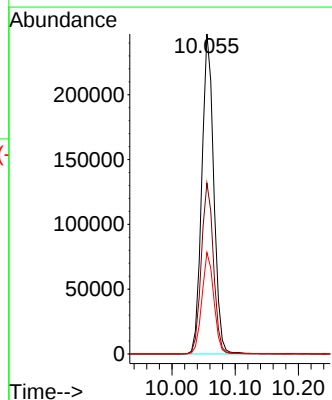
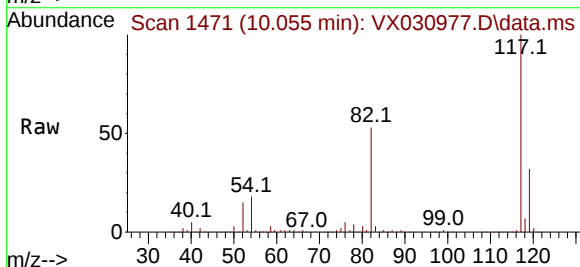
Tgt Ion: 117 Resp: 325603

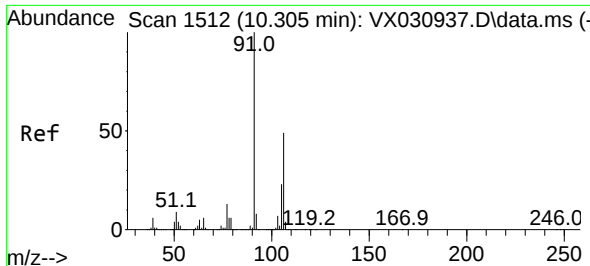
Ion Ratio Lower Upper

117 100

82 53.4 42.7 64.1

119 31.7 25.4 38.2

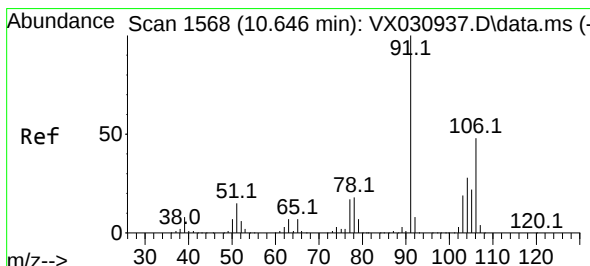
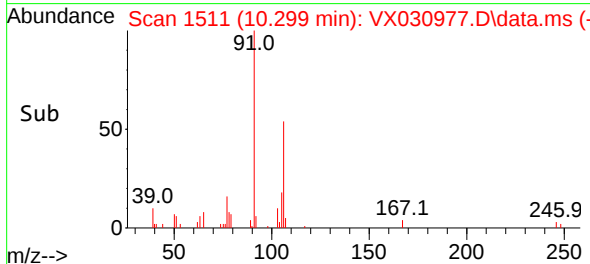
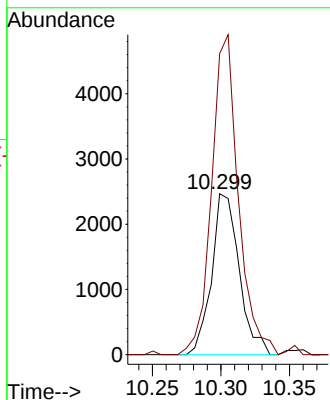
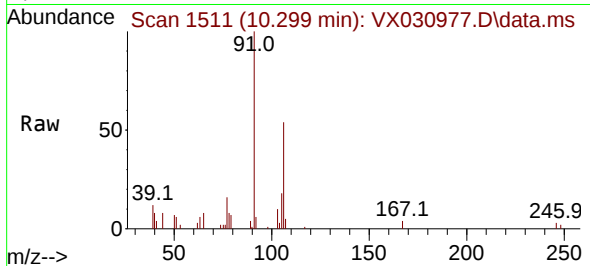




#68
m/p-Xylenes
Concen: 0.666 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX030977.D
Acq: 31 Aug 2022 14:46

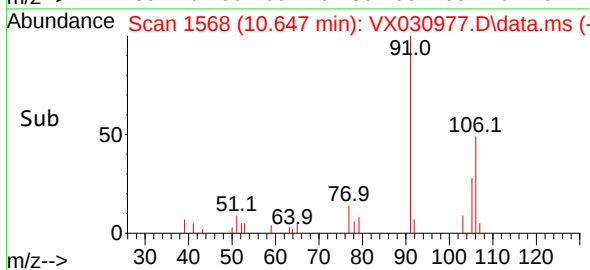
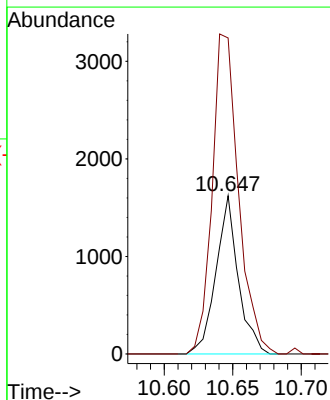
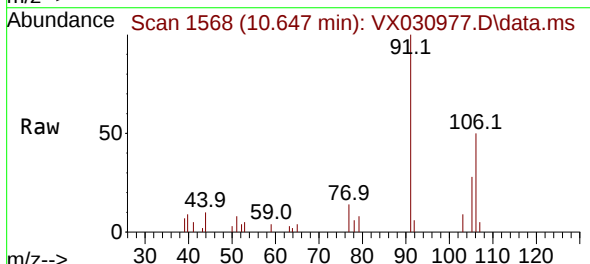
Instrument :
MSVOA_X
ClientSampleId :
MW-34

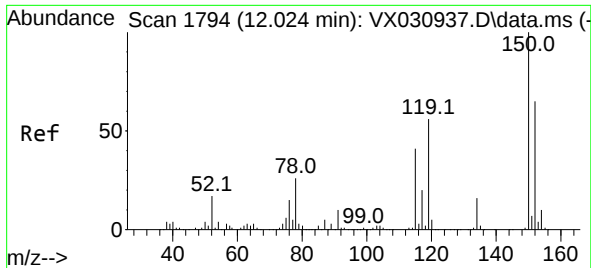
Tgt Ion:106 Resp: 3445
Ion Ratio Lower Upper
106 100
91 193.7 158.2 237.4



#69
o-Xylene
Concen: 0.362 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. 0.001 min
Lab File: VX030977.D
Acq: 31 Aug 2022 14:46

Tgt Ion:106 Resp: 1834
Ion Ratio Lower Upper
106 100
91 238.8 103.8 311.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX030977.D

Acq: 31 Aug 2022 14:46

Instrument :

MSVOA_X

ClientSampleId :

MW-34

Tgt Ion:152 Resp: 147692

Ion Ratio Lower Upper

152 100

115 58.5 40.5 121.5

150 162.9 0.0 347.0

