

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112322\
 Data File : VX033021.D
 Acq On : 23 Nov 2022 15:48
 Operator : JC/MD
 Sample : N5741-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-16R

Quant Time: Nov 24 04:06:37 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)

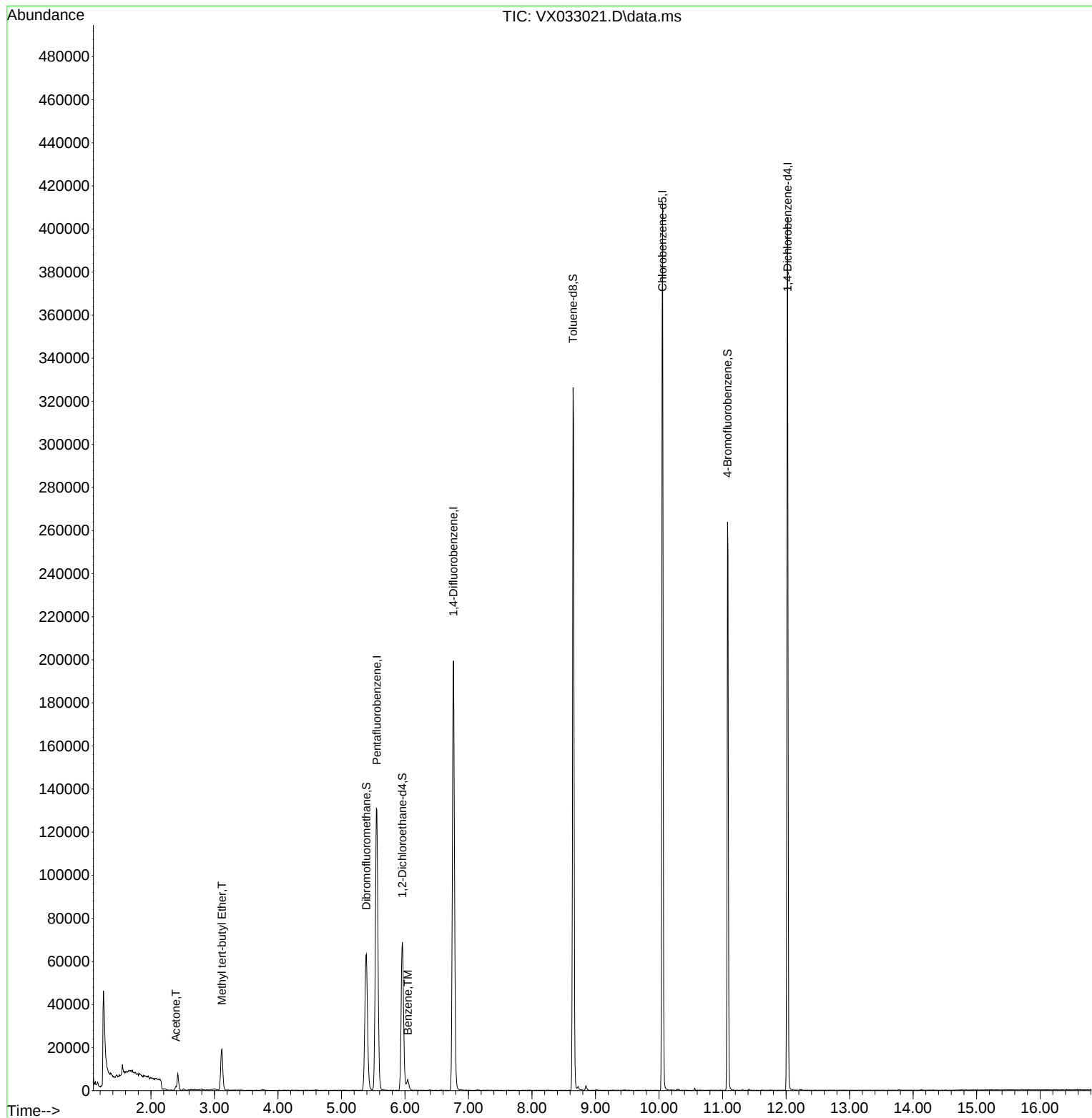
Internal Standards						
1) Pentafluorobenzene	5.556	168	124973	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	201002	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	180369	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83276	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	69494	57.369	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	114.740%
35) Dibromofluoromethane	5.391	113	54674	48.249	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.500%
50) Toluene-d8	8.647	98	192483	56.746	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	113.500%#
62) 4-Bromofluorobenzene	11.079	95	68278	45.869	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.740%
Target Compounds						
						Qvalue
16) Acetone	2.392	43	2136	3.758	ug/l #	85
19) Methyl tert-butyl Ether	3.117	73	20817	5.504	ug/l	98
40) Benzene	6.044	78	5281	1.040	ug/l	97

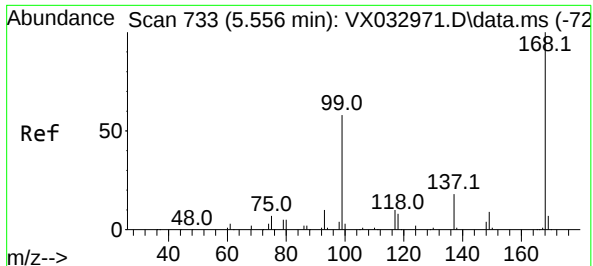
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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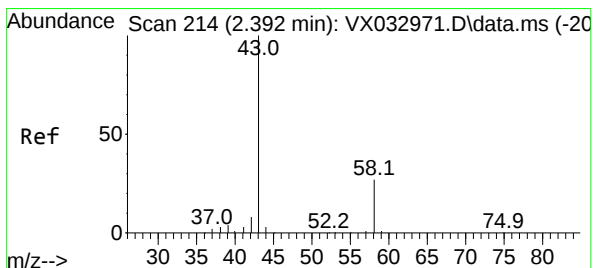
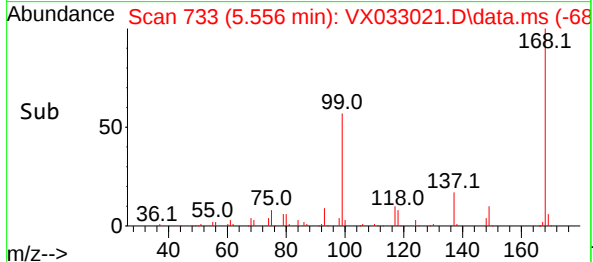
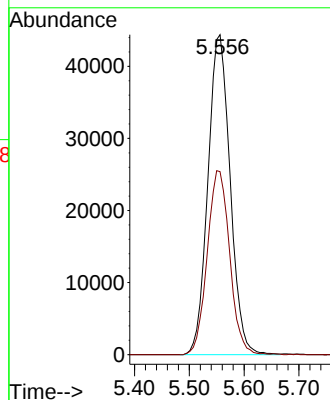
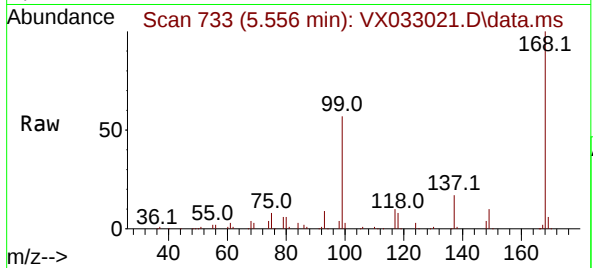




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033021.D
Acq: 23 Nov 2022 15:48

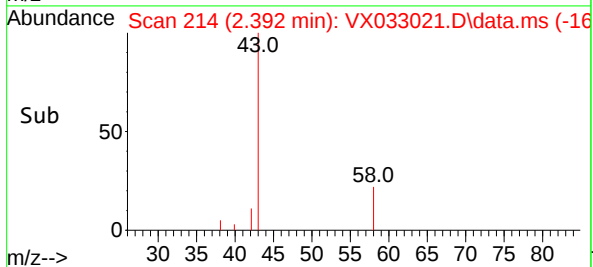
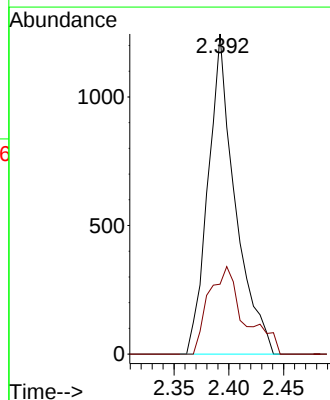
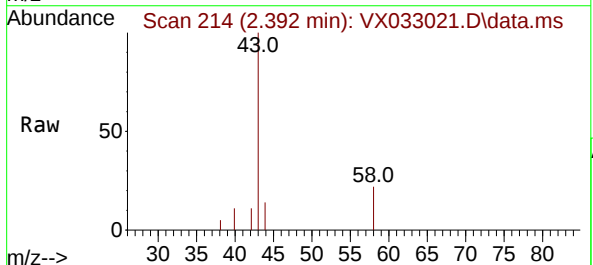
Instrument :
MSVOA_X
ClientSampleId :
MW-16R

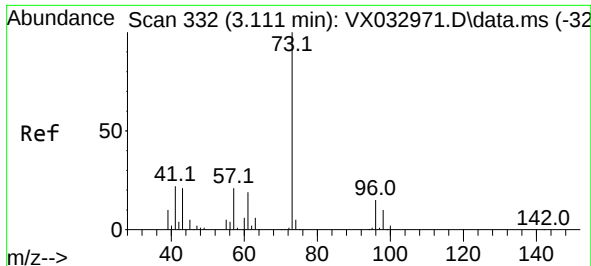
Tgt Ion:168 Resp: 124973
Ion Ratio Lower Upper
168 100
99 57.2 46.1 69.1



#16
Acetone
Concen: 3.758 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX033021.D
Acq: 23 Nov 2022 15:48

Tgt Ion: 43 Resp: 2136
Ion Ratio Lower Upper
43 100
58 21.8 23.8 35.8#

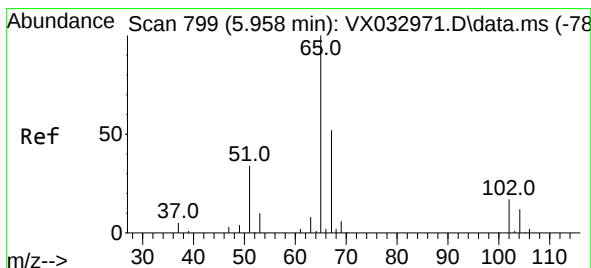
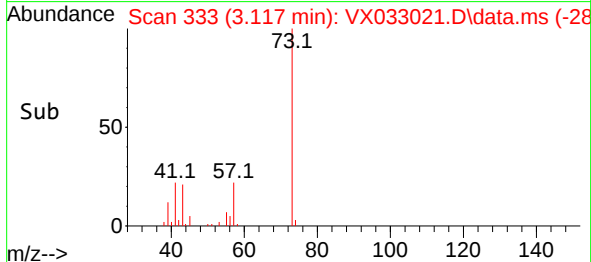
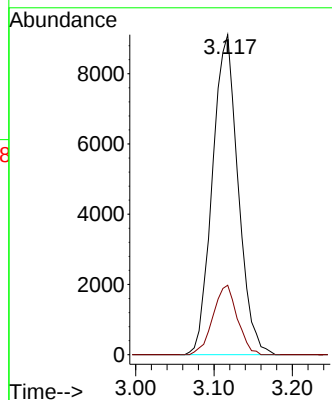
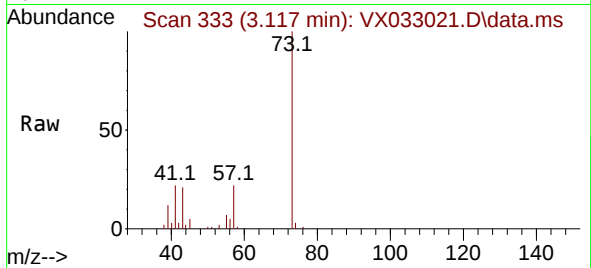




#19
Methyl tert-butyl Ether
Concen: 5.504 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX033021.D
Acq: 23 Nov 2022 15:48

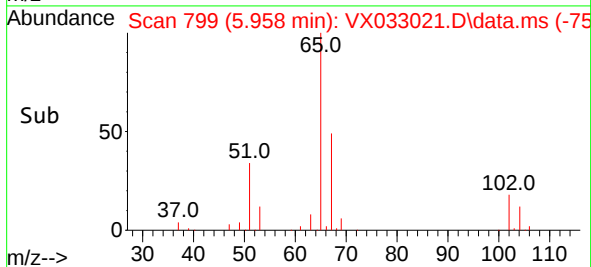
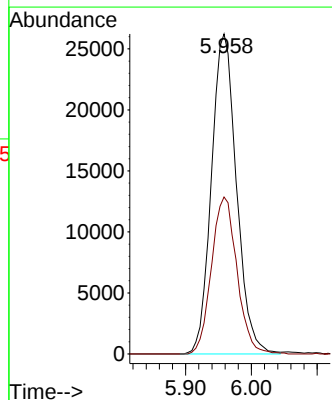
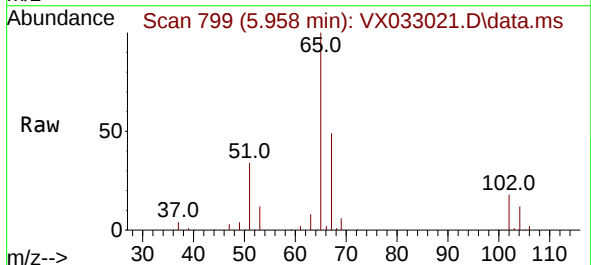
Instrument :
MSVOA_X
ClientSampleId :
MW-16R

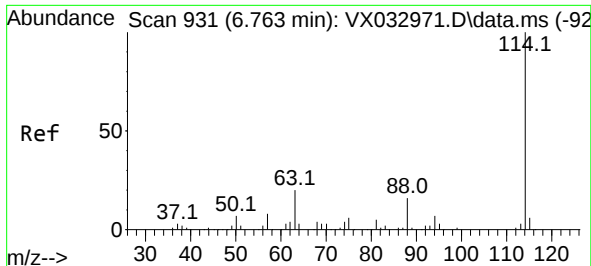
Tgt Ion: 73 Resp: 20817
Ion Ratio Lower Upper
73 100
57 21.7 16.6 25.0



#33
1,2-Dichloroethane-d4
Concen: 57.369 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033021.D
Acq: 23 Nov 2022 15:48

Tgt Ion: 65 Resp: 69494
Ion Ratio Lower Upper
65 100
67 49.9 0.0 101.8

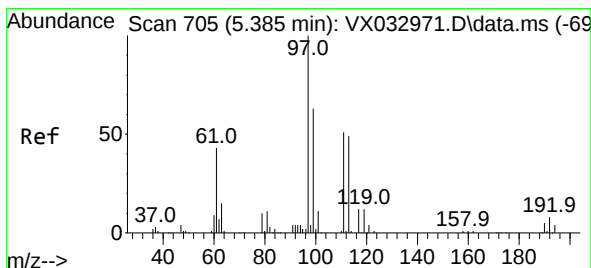
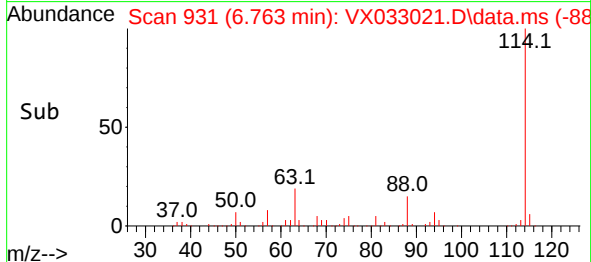
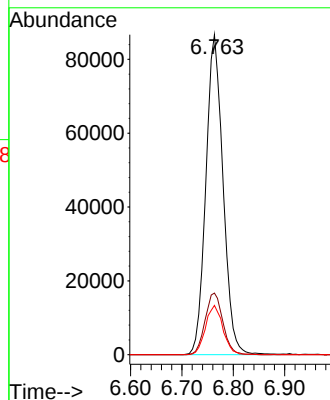
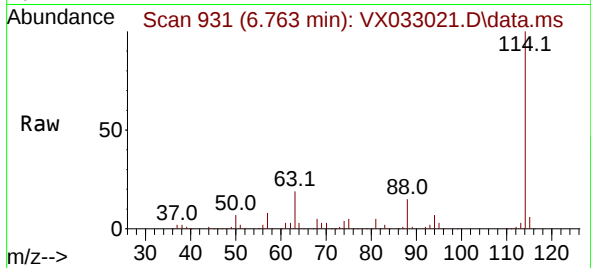




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX033021.D
Acq: 23 Nov 2022 15:48

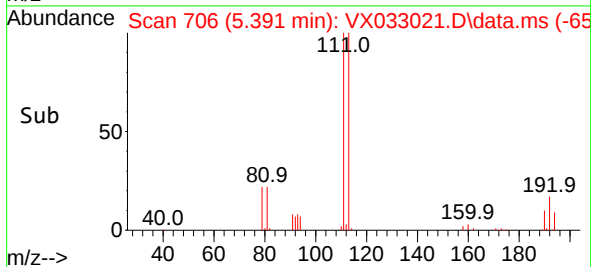
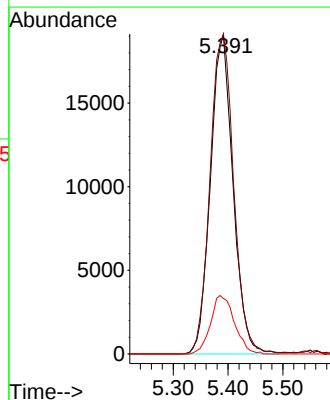
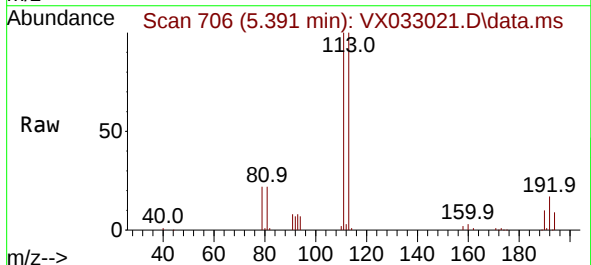
Instrument :
MSVOA_X
ClientSampleId :
MW-16R

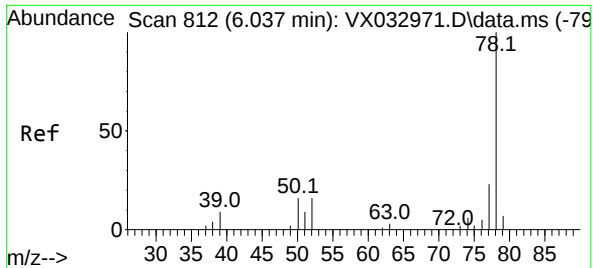
Tgt Ion:114 Resp: 201002
Ion Ratio Lower Upper
114 100
63 19.3 0.0 41.6
88 15.4 0.0 33.4



#35
Dibromofluoromethane
Concen: 48.249 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX033021.D
Acq: 23 Nov 2022 15:48

Tgt Ion:113 Resp: 54674
Ion Ratio Lower Upper
113 100
111 104.5 82.4 123.6
192 19.3 15.4 23.2

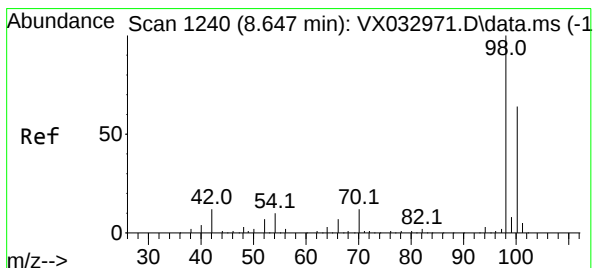
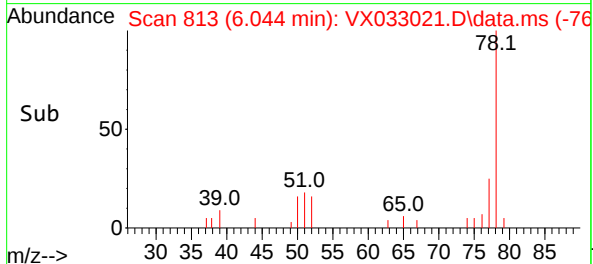
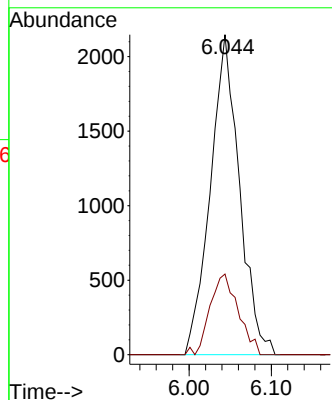
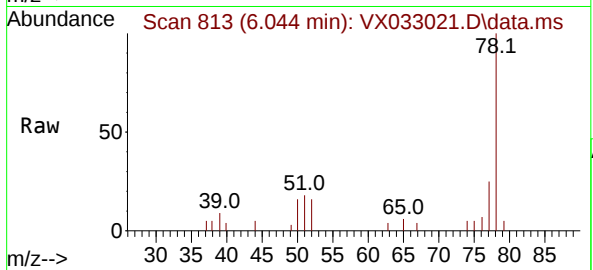




#40
Benzene
Concen: 1.040 ug/l
RT: 6.044 min Scan# 812
Delta R.T. 0.007 min
Lab File: VX033021.D
Acq: 23 Nov 2022 15:48

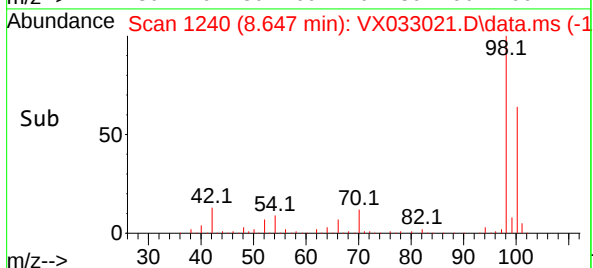
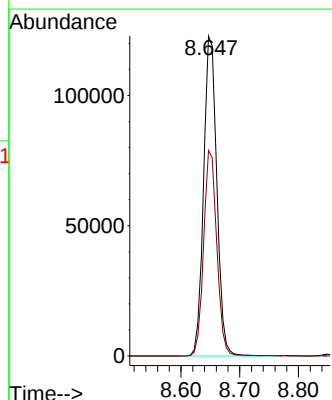
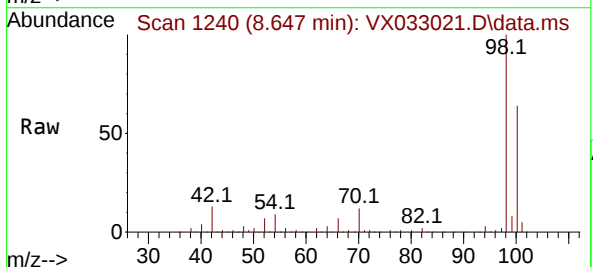
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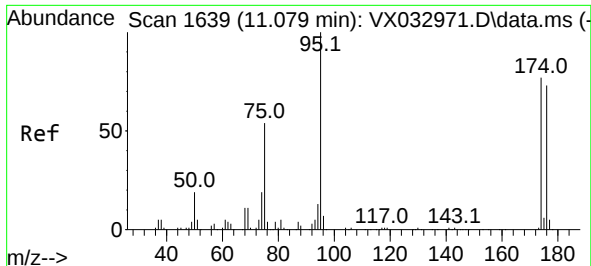
Tgt Ion: 78 Resp: 5281
Ion Ratio Lower Upper
78 100
77 25.2 19.0 28.4



#50
Toluene-d8
Concen: 56.746 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033021.D
Acq: 23 Nov 2022 15:48

Tgt Ion: 98 Resp: 192483
Ion Ratio Lower Upper
98 100
100 63.9 50.9 76.3





#62

4-Bromofluorobenzene

Concen: 45.869 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX033021.D

Acq: 23 Nov 2022 15:48

Instrument :

MSVOA_X

ClientSampleId :

MW-16R

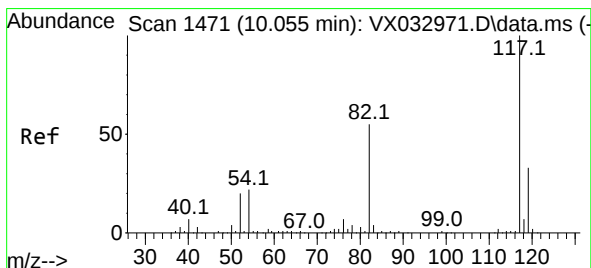
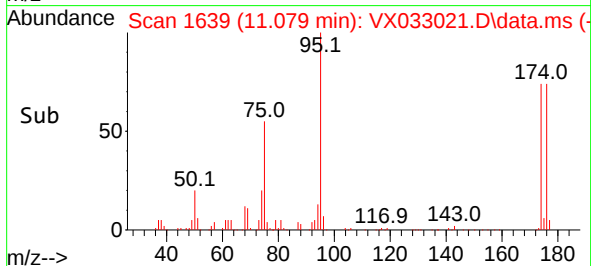
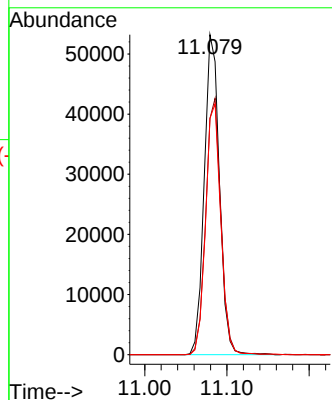
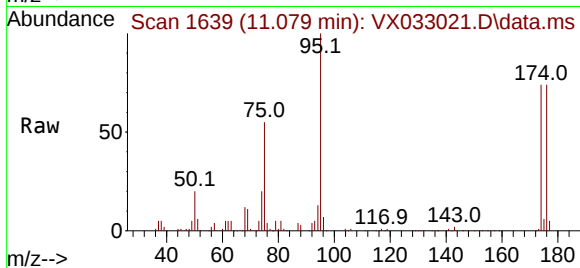
Tgt Ion: 95 Resp: 68278

Ion Ratio Lower Upper

95 100

174 80.4 0.0 164.0

176 78.3 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: VX033021.D

Acq: 23 Nov 2022 15:48

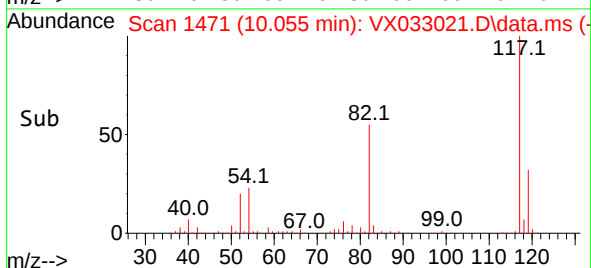
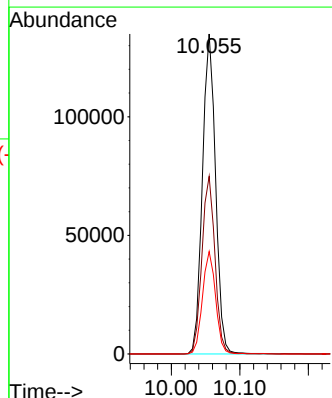
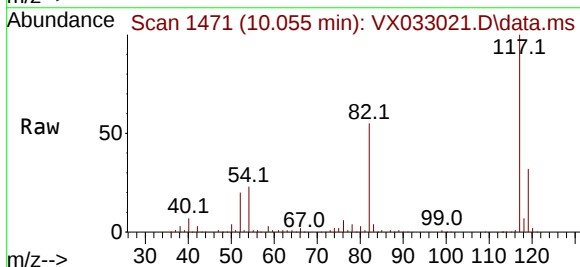
Tgt Ion: 117 Resp: 180369

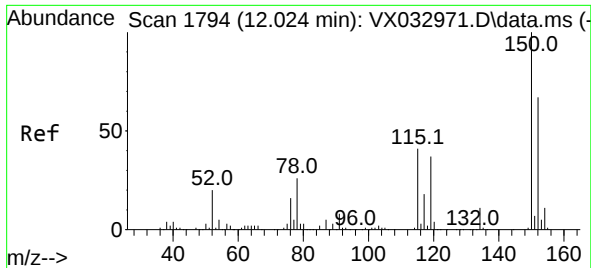
Ion Ratio Lower Upper

117 100

82 55.5 44.3 66.5

119 32.0 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX033021.D
 Acq: 23 Nov 2022 15:48

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-16R

Tgt Ion:152 Resp: 83276
 Ion Ratio Lower Upper
 152 100
 115 60.8 44.0 132.0
 150 158.4 0.0 351.8

