

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112322\
 Data File : VX033022.D
 Acq On : 23 Nov 2022 16:11
 Operator : JC/MD
 Sample : N5741-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-18R

Quant Time: Nov 24 04:06:47 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)

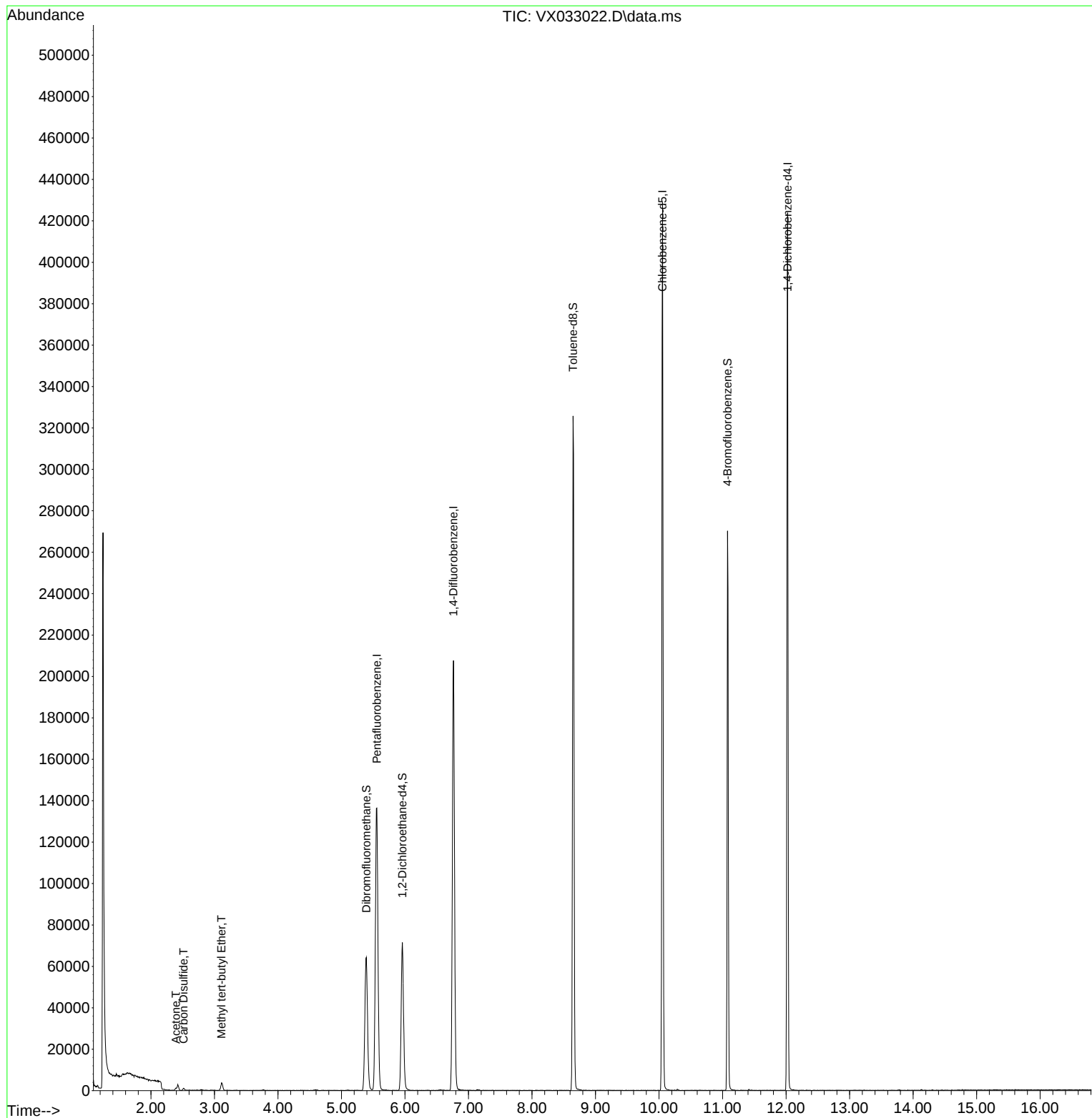
Internal Standards						
1) Pentafluorobenzene	5.556	168	129833	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	209841	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	186899	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86485	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	70879	56.261	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	112.520%
35) Dibromofluoromethane	5.391	113	55443	46.866	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.740%
50) Toluene-d8	8.647	98	192725	54.332	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	108.660%
62) 4-Bromofluorobenzene	11.079	95	67890	43.687	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.380%
Target Compounds						
						Qvalue
16) Acetone	2.392	43	1320	2.235	ug/l	# 79
17) Carbon Disulfide	2.514	76	1493	0.477	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	3887	0.989	ug/l	97

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

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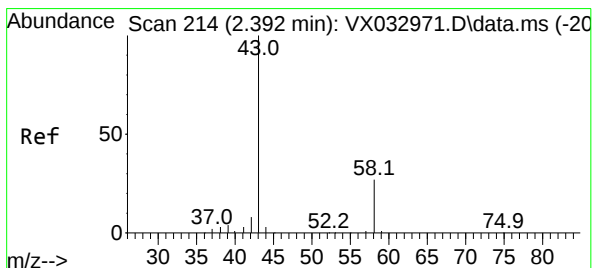
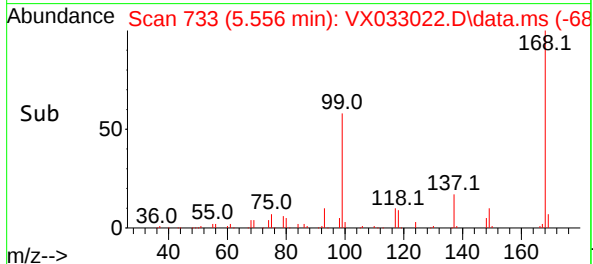
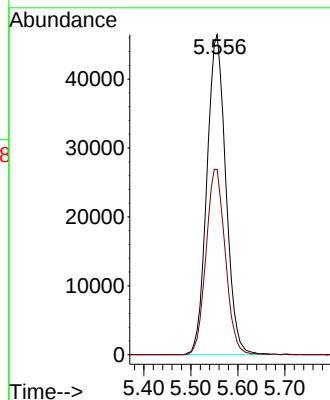
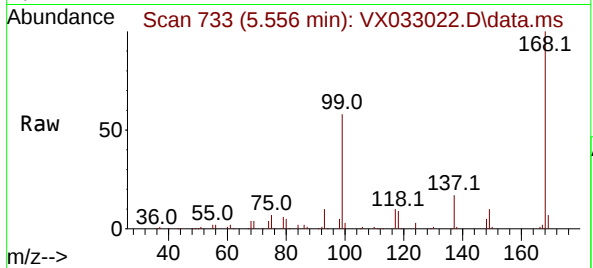




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033022.D
Acq: 23 Nov 2022 16:11

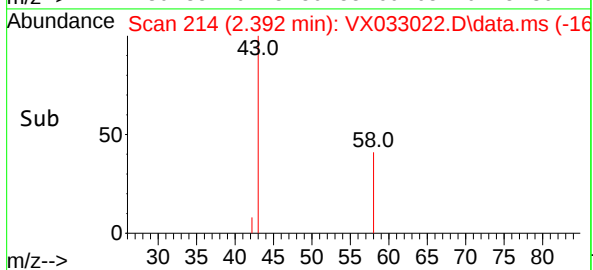
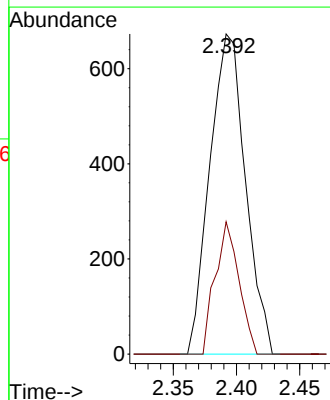
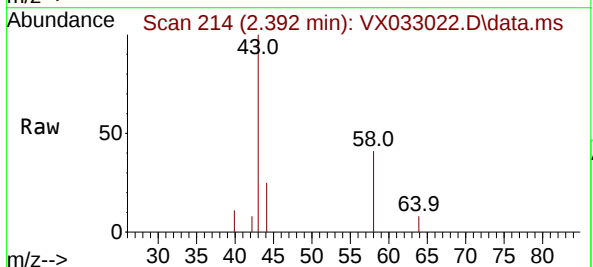
Instrument :
MSVOA_X
ClientSampleId :
MW-18R

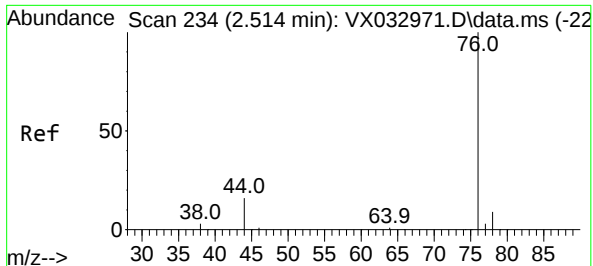
Tgt Ion:168 Resp: 129833
Ion Ratio Lower Upper
168 100
99 57.9 46.1 69.1



#16
Acetone
Concen: 2.235 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX033022.D
Acq: 23 Nov 2022 16:11

Tgt Ion: 43 Resp: 1320
Ion Ratio Lower Upper
43 100
58 41.3 23.8 35.8#

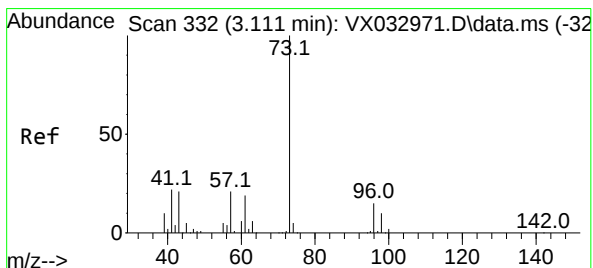
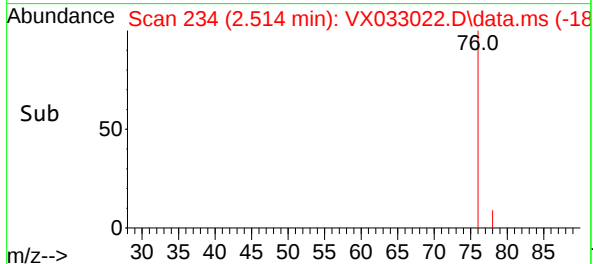
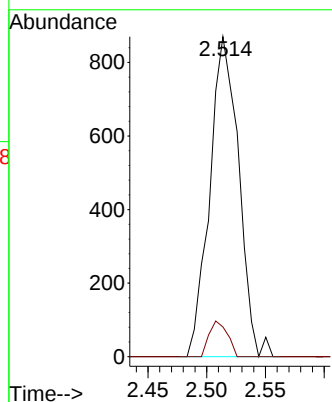
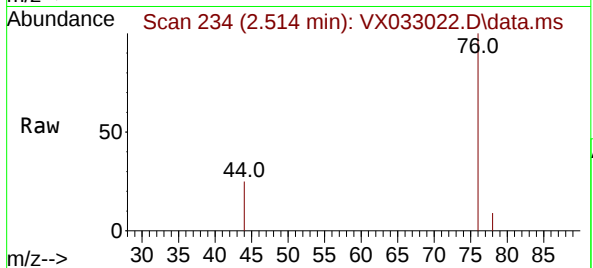




#17
Carbon Disulfide
Concen: 0.477 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX033022.D
Acq: 23 Nov 2022 16:11

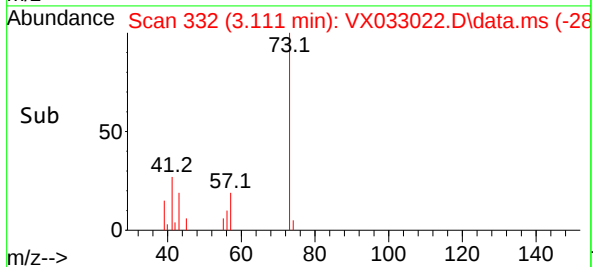
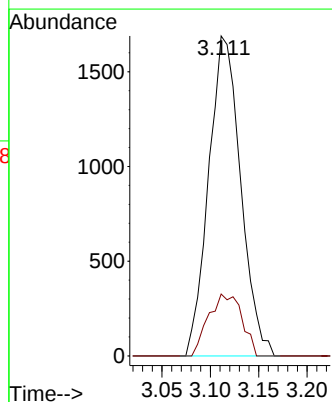
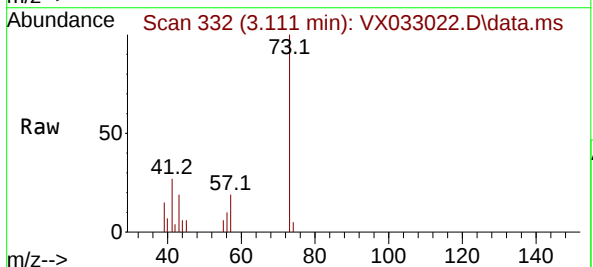
Instrument :
MSVOA_X
ClientSampleId :
MW-18R

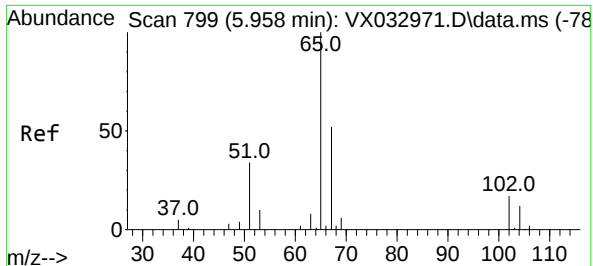
Tgt Ion: 76 Resp: 1493
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3



#19
Methyl tert-butyl Ether
Concen: 0.989 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX033022.D
Acq: 23 Nov 2022 16:11

Tgt Ion: 73 Resp: 3887
Ion Ratio Lower Upper
73 100
57 19.4 16.6 25.0





#33

1,2-Dichloroethane-d4

Concen: 56.261 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033022.D

Acq: 23 Nov 2022 16:11

Instrument :

MSVOA_X

ClientSampleId :

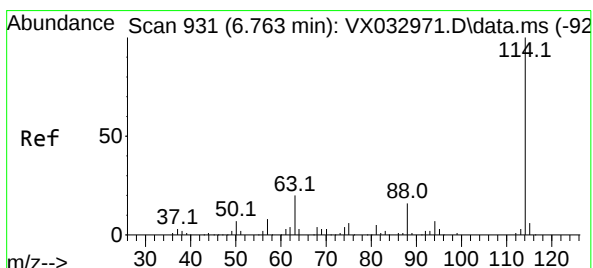
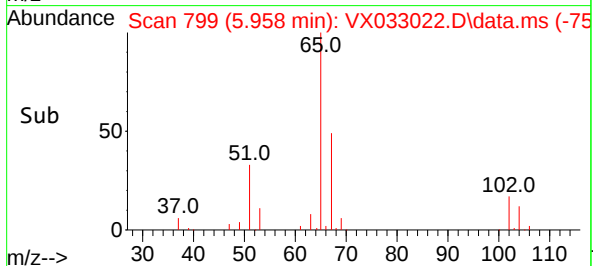
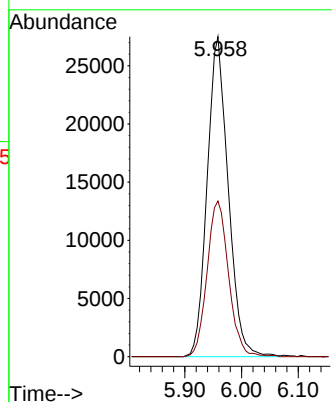
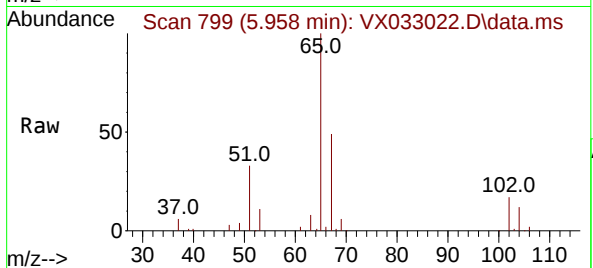
MW-18R

Tgt Ion: 65 Resp: 70879

Ion Ratio Lower Upper

65 100

67 49.8 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: VX033022.D

Acq: 23 Nov 2022 16:11

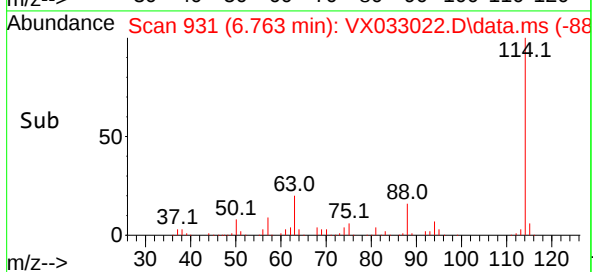
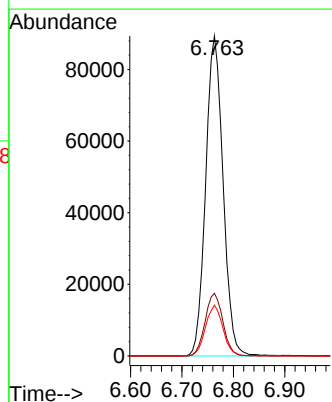
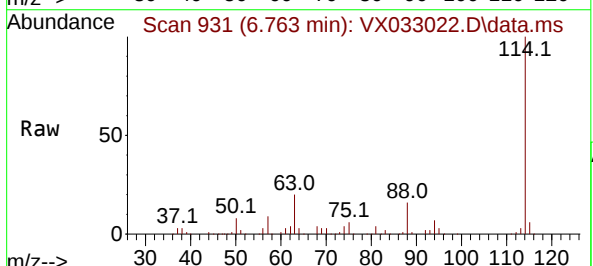
Tgt Ion: 114 Resp: 209841

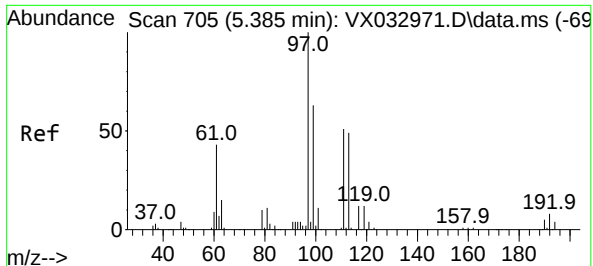
Ion Ratio Lower Upper

114 100

63 19.6 0.0 41.6

88 15.9 0.0 33.4





#35

Dibromofluoromethane

Concen: 46.866 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX033022.D

Acq: 23 Nov 2022 16:11

Instrument :

MSVOA_X

ClientSampleId :

MW-18R

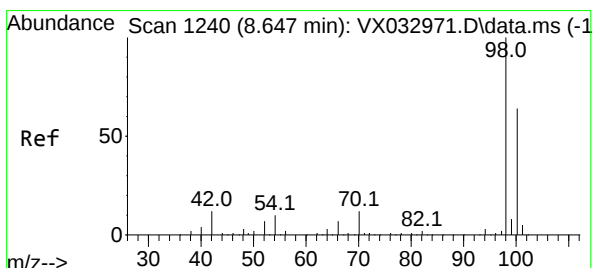
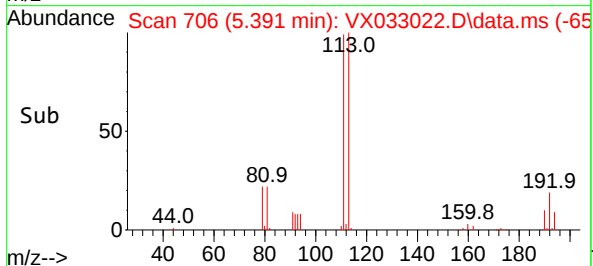
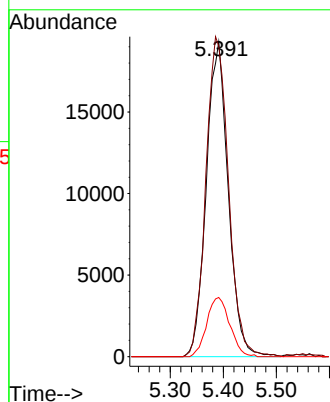
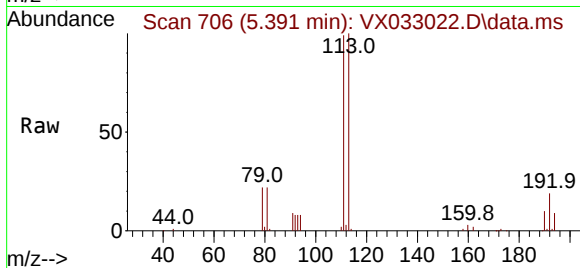
Tgt Ion:113 Resp: 55443

Ion Ratio Lower Upper

113 100

111 104.9 82.4 123.6

192 19.8 15.4 23.2



#50

Toluene-d8

Concen: 54.332 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX033022.D

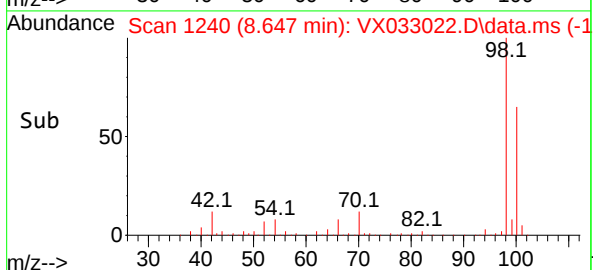
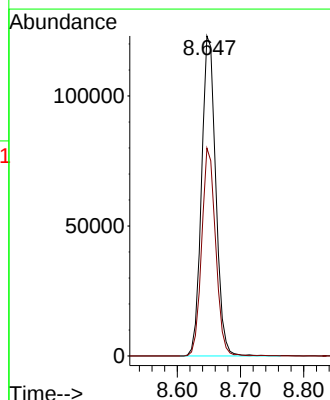
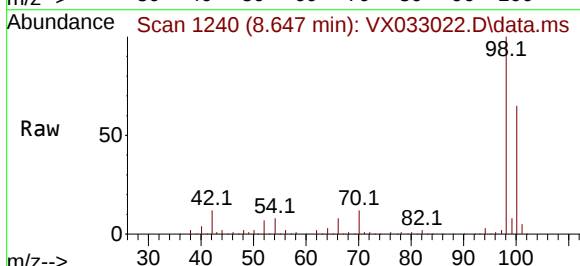
Acq: 23 Nov 2022 16:11

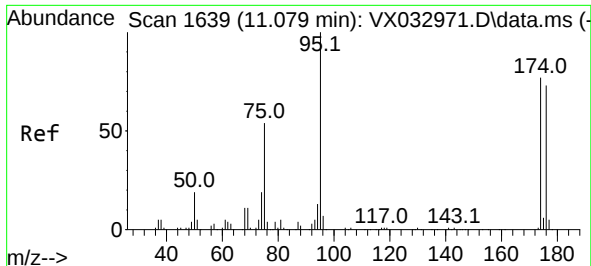
Tgt Ion: 98 Resp: 192725

Ion Ratio Lower Upper

98 100

100 63.7 50.9 76.3

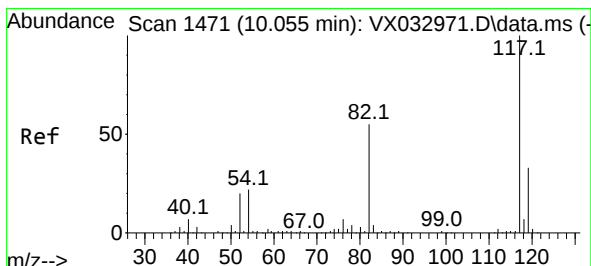
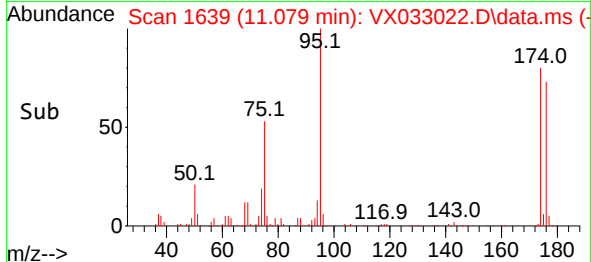
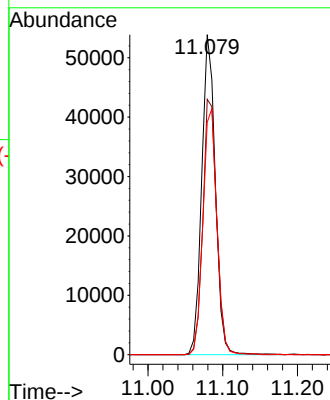
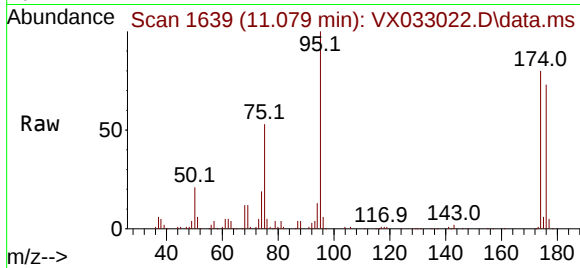




#62
4-Bromofluorobenzene
Concen: 43.687 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033022.D
Acq: 23 Nov 2022 16:11

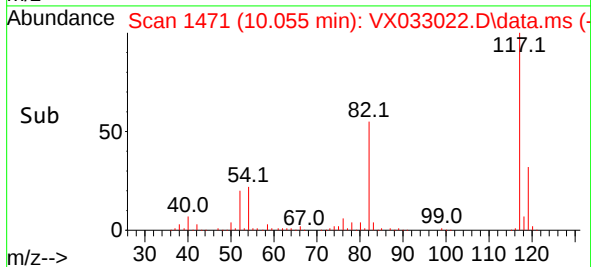
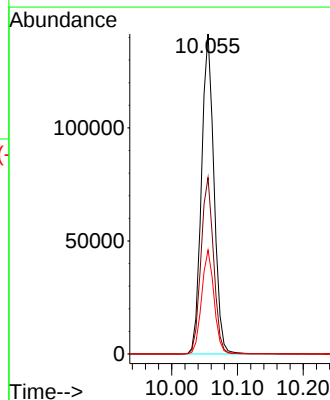
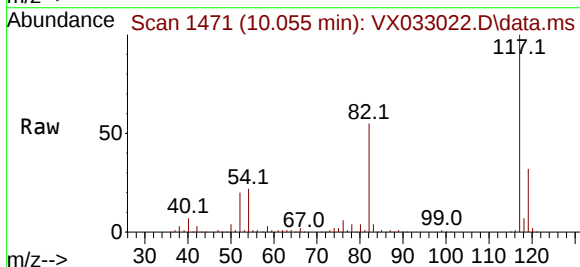
Instrument :
MSVOA_X
ClientSampleId :
MW-18R

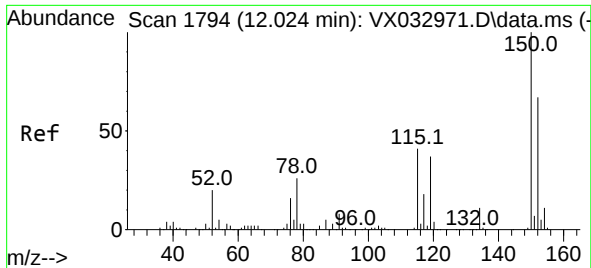
Tgt Ion: 95 Resp: 67890
Ion Ratio Lower Upper
95 100
174 81.5 0.0 164.0
176 79.1 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033022.D
Acq: 23 Nov 2022 16:11

Tgt Ion: 117 Resp: 186899
Ion Ratio Lower Upper
117 100
82 55.1 44.3 66.5
119 32.4 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: VX033022.D

Acq: 23 Nov 2022 16:11

Instrument :

MSVOA_X

ClientSampleId :

MW-18R

Tgt Ion:152 Resp: 86485

Ion Ratio Lower Upper

152 100

115 60.9 44.0 132.0

150 157.5 0.0 351.8

