

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032723\
 Data File : VX034754.D
 Acq On : 27 Mar 2023 16:59
 Operator : JC/MD
 Sample : 02065-03 2000X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1545

Quant Time: Mar 28 03:21:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

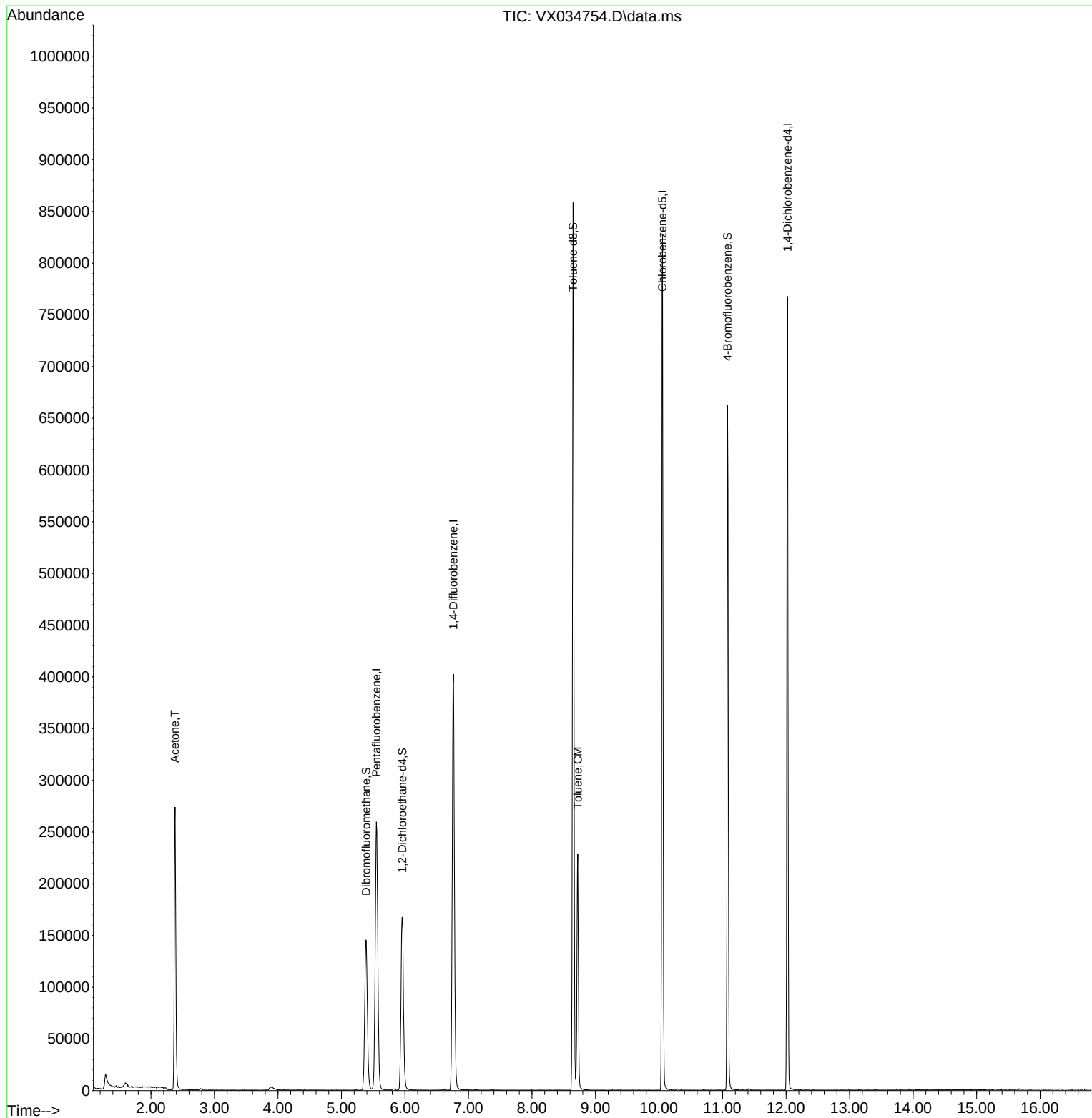
Internal Standards						
1) Pentafluorobenzene	5.550	168	240960	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	407545	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	362139	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	158525	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	160388	45.753	ug/l	0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.500%
35) Dibromofluoromethane	5.385	113	126229	46.911	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.820%
50) Toluene-d8	8.647	98	484896	48.273	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.540%
62) 4-Bromofluorobenzene	11.079	95	170804	42.097	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	84.200%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	294000	178.046	ug/l	98
52) Toluene	8.720	92	84027	11.226	ug/l	98

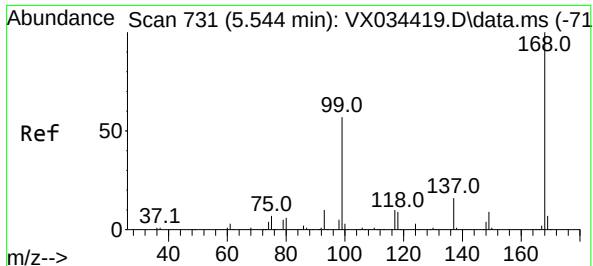
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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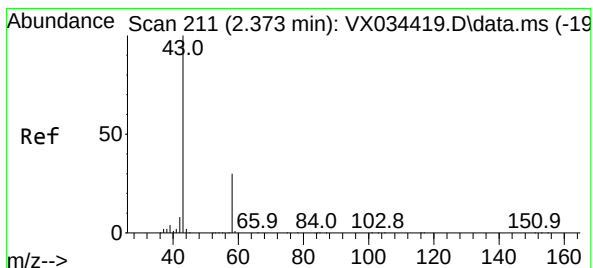
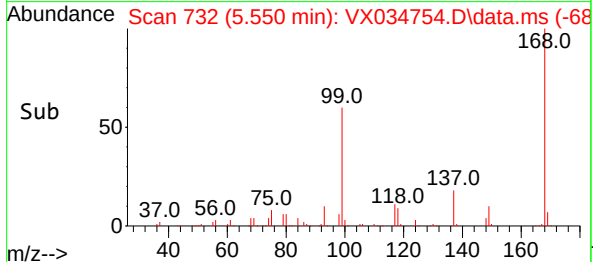
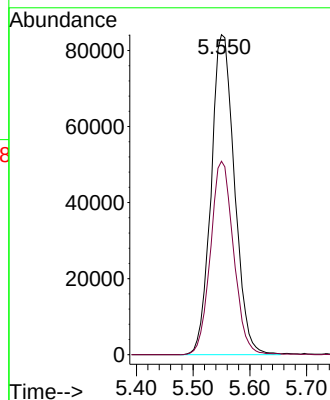
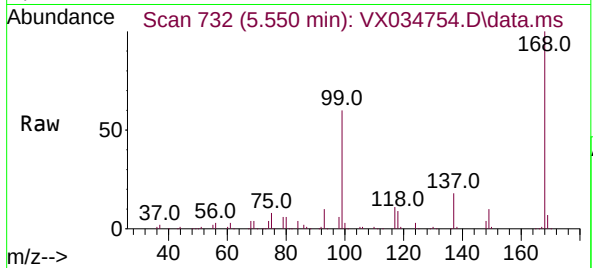




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034754.D
Acq: 27 Mar 2023 16:59

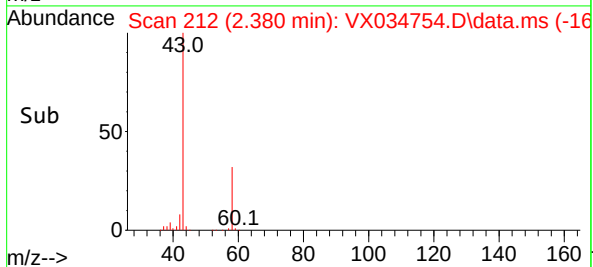
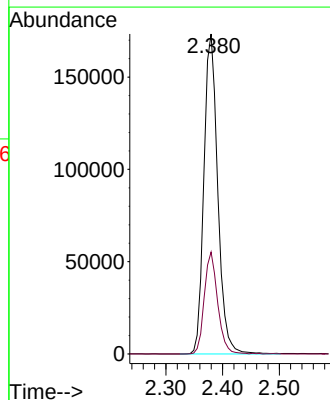
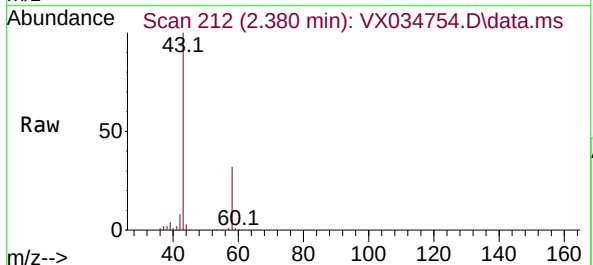
Instrument :
MSVOA_X
ClientSampleId :
1545

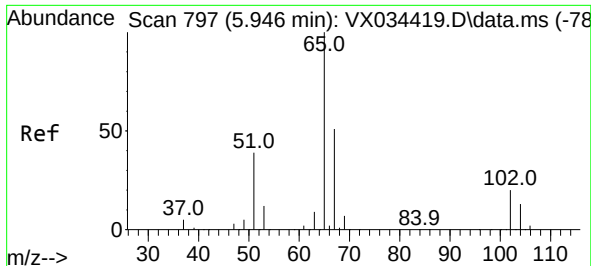
Tgt Ion:168 Resp: 240960
Ion Ratio Lower Upper
168 100
99 60.4 45.7 68.5



#16
Acetone
Concen: 178.046 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX034754.D
Acq: 27 Mar 2023 16:59

Tgt Ion: 43 Resp: 294000
Ion Ratio Lower Upper
43 100
58 31.9 24.7 37.1





#33

1,2-Dichloroethane-d4

Concen: 45.753 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.012 min

Lab File: VX034754.D

Acq: 27 Mar 2023 16:59

Instrument :

MSVOA_X

ClientSampleId :

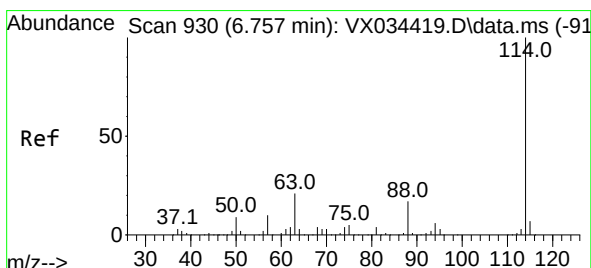
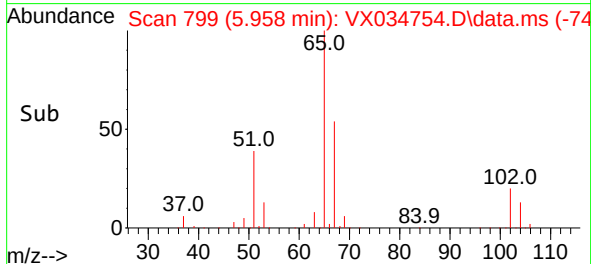
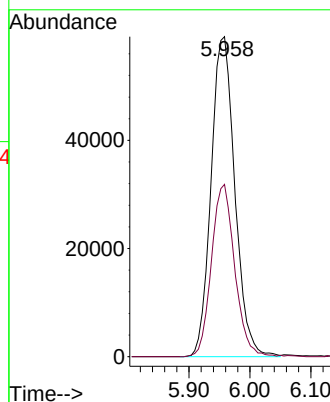
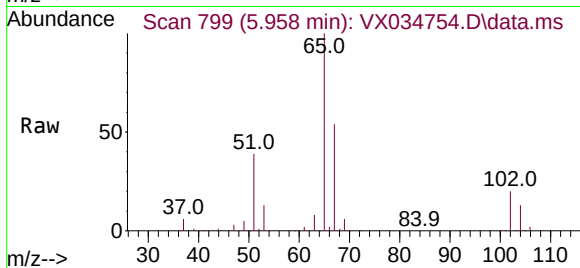
1545

Tgt Ion: 65 Resp: 160388

Ion Ratio Lower Upper

65 100

67 52.6 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034754.D

Acq: 27 Mar 2023 16:59

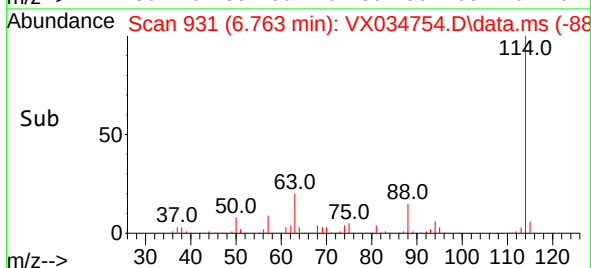
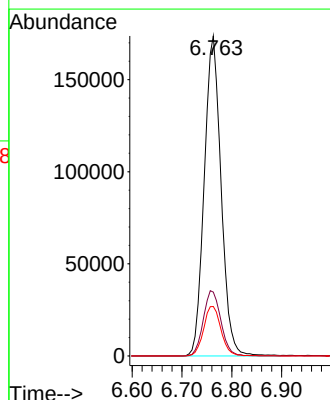
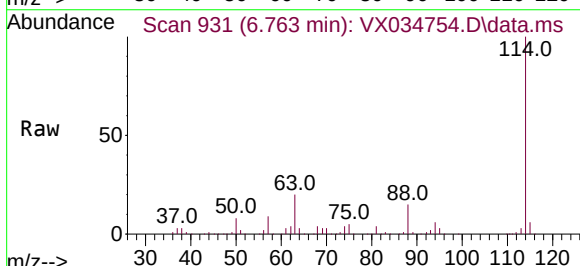
Tgt Ion: 114 Resp: 407545

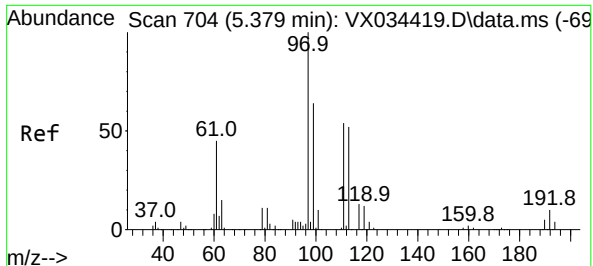
Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.2

88 15.4 0.0 33.2

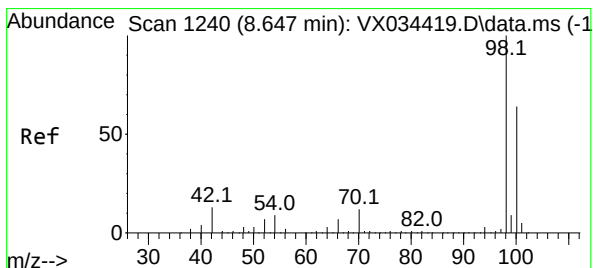
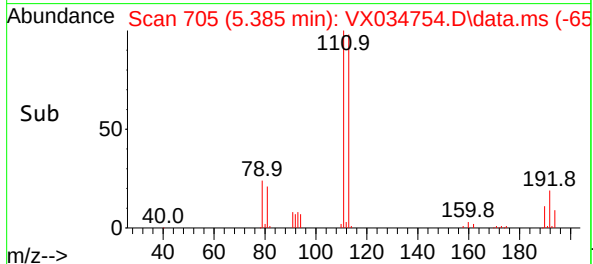
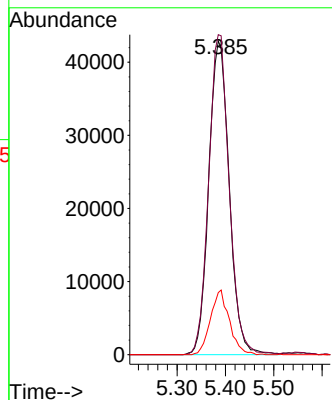
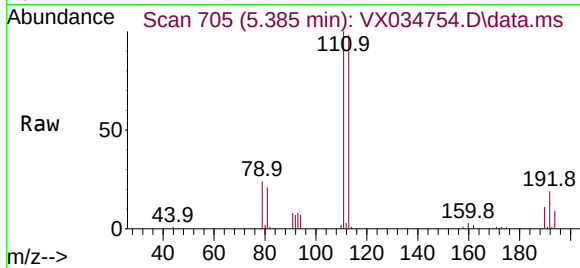




#35
Dibromofluoromethane
Concen: 46.911 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX034754.D
Acq: 27 Mar 2023 16:59

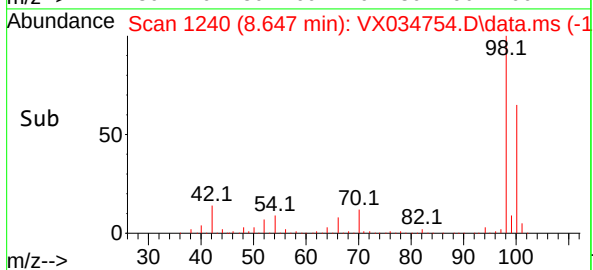
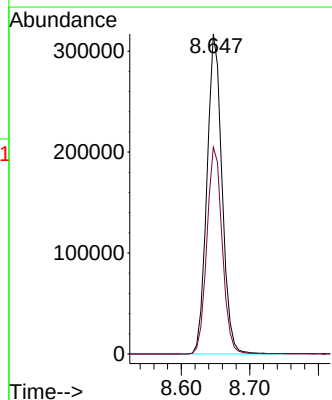
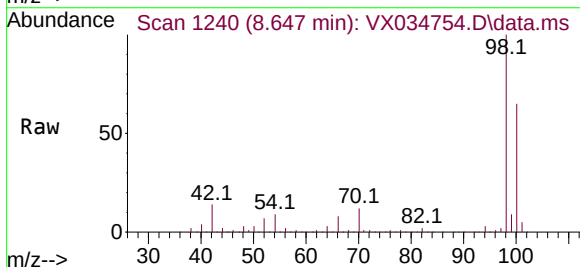
Instrument :
MSVOA_X
ClientSampleId :
1545

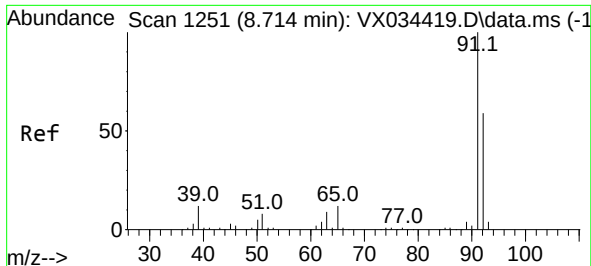
Tgt Ion:113 Resp: 126229
Ion Ratio Lower Upper
113 100
111 102.2 83.7 125.5
192 19.0 15.4 23.2



#50
Toluene-d8
Concen: 48.273 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034754.D
Acq: 27 Mar 2023 16:59

Tgt Ion: 98 Resp: 484896
Ion Ratio Lower Upper
98 100
100 65.8 52.5 78.7





#52

Toluene

Concen: 11.226 ug/l

RT: 8.720 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX034754.D

Acq: 27 Mar 2023 16:59

Instrument :

MSVOA_X

ClientSampleId :

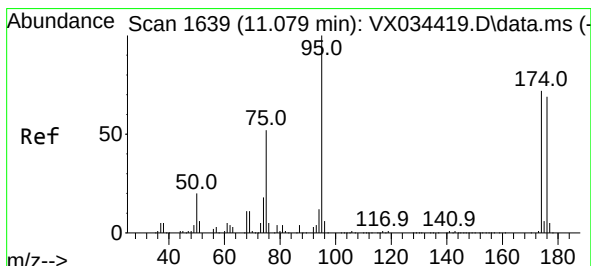
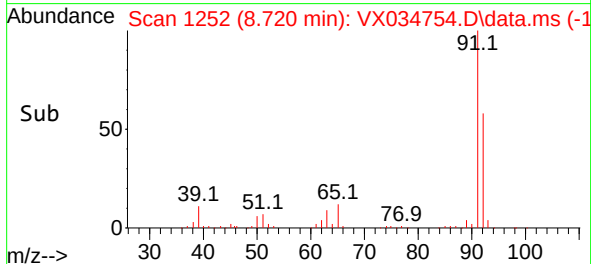
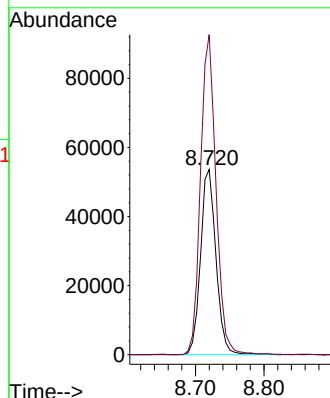
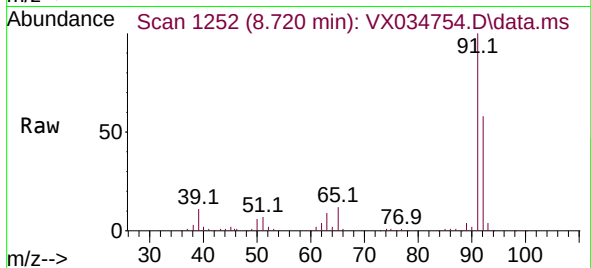
1545

Tgt Ion: 92 Resp: 84027

Ion Ratio Lower Upper

92 100

91 173.7 136.8 205.2



#62

4-Bromofluorobenzene

Concen: 42.097 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX034754.D

Acq: 27 Mar 2023 16:59

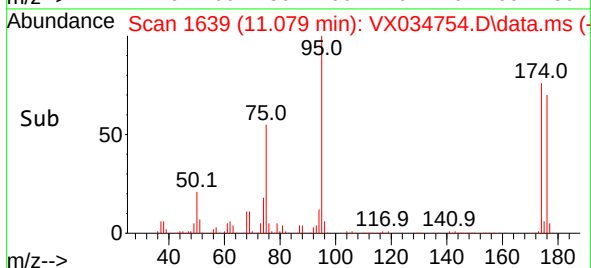
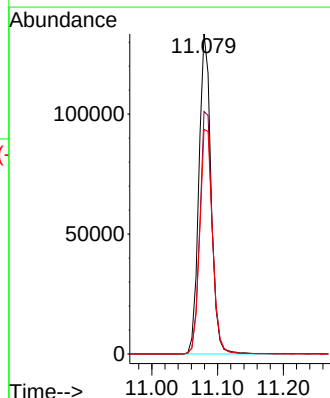
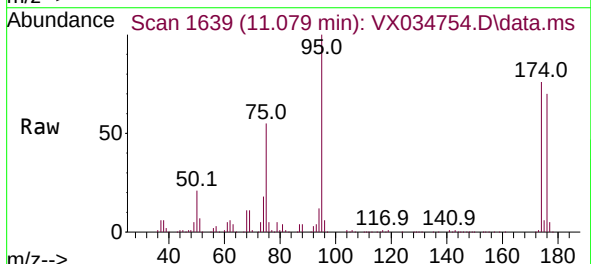
Tgt Ion: 95 Resp: 170804

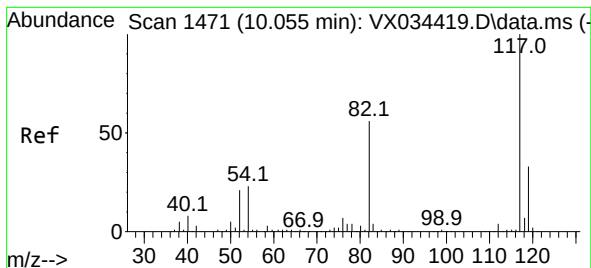
Ion Ratio Lower Upper

95 100

174 77.9 0.0 147.4

176 73.9 0.0 140.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX034754.D

Acq: 27 Mar 2023 16:59

Instrument :

MSVOA_X

ClientSampleId :

1545

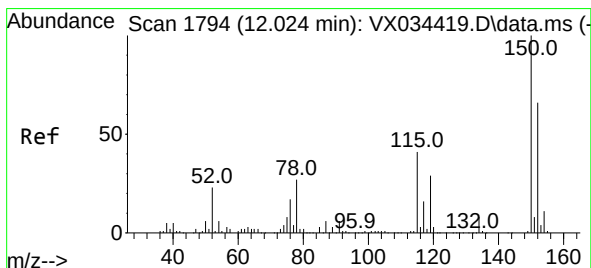
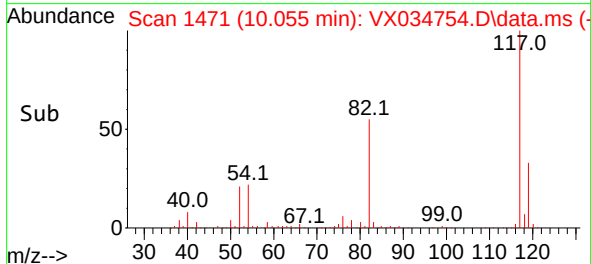
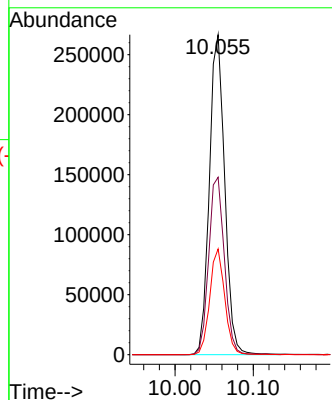
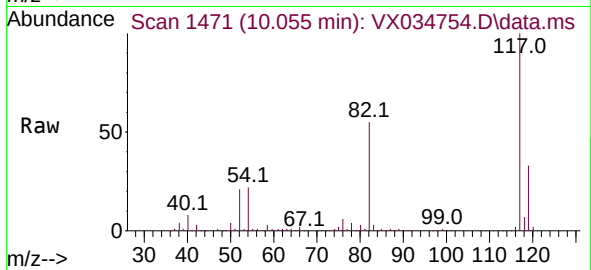
Tgt Ion:117 Resp: 362139

Ion Ratio Lower Upper

117 100

82 55.5 45.0 67.4

119 33.1 26.0 39.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX034754.D

Acq: 27 Mar 2023 16:59

Tgt Ion:152 Resp: 158525

Ion Ratio Lower Upper

152 100

115 59.9 45.0 135.0

150 157.8 0.0 352.4

