

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032023\
 Data File : VX034635.D
 Acq On : 20 Mar 2023 18:06
 Operator : JC/MD
 Sample : 02015-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

Quant Time: Mar 21 01:46:02 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	252109	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	451344	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	396681	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	167949	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	168438	45.925	ug/l	0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.840%
35) Dibromofluoromethane	5.391	113	129196	43.355	ug/l	0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	86.700%
50) Toluene-d8	8.647	98	539675	48.512	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.020%
62) 4-Bromofluorobenzene	11.079	95	209175	46.551	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.100%

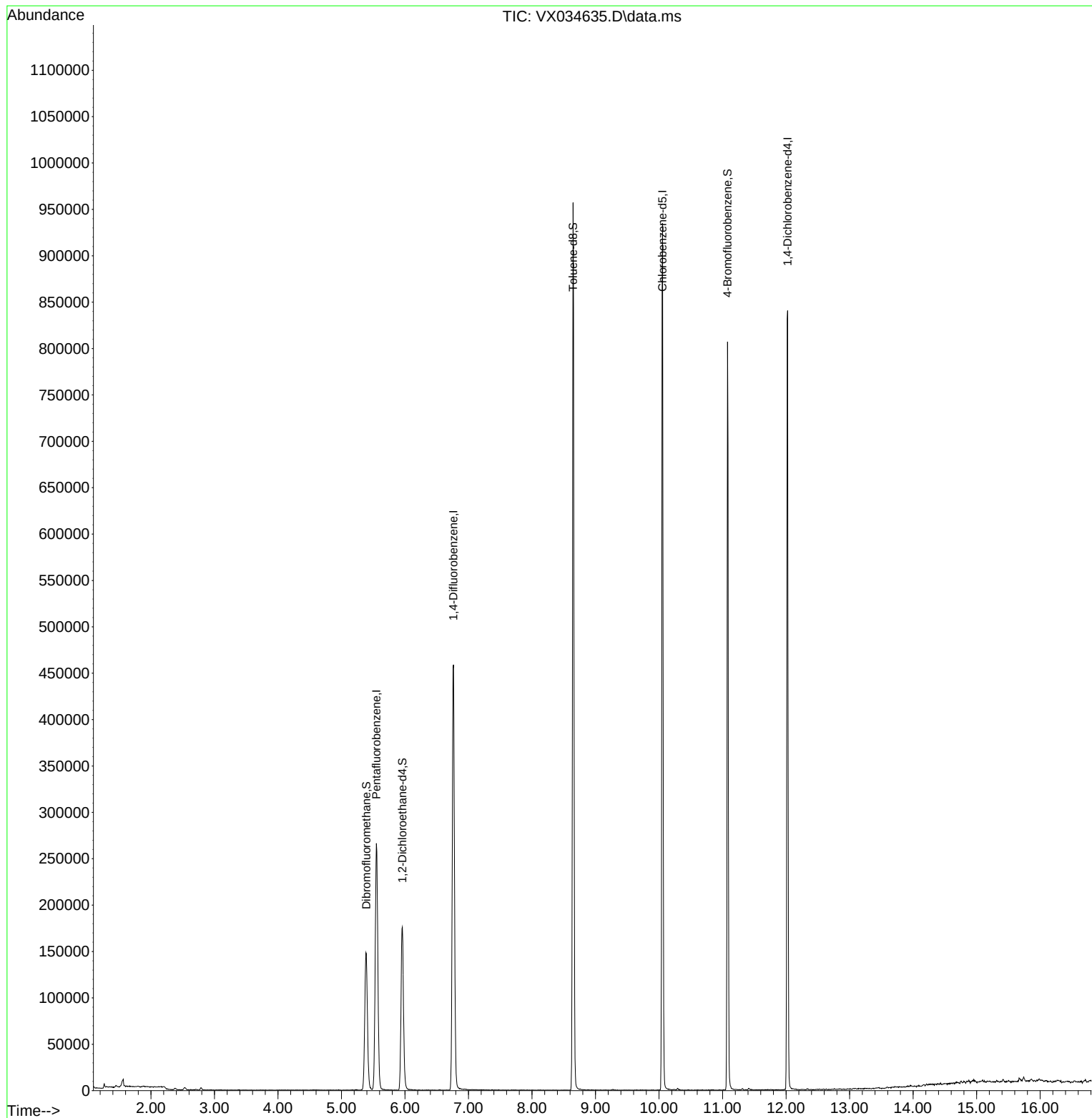
Target Compounds	Qvalue

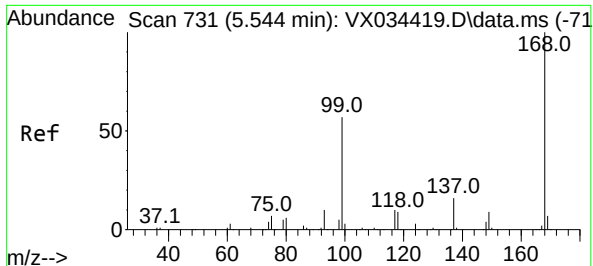
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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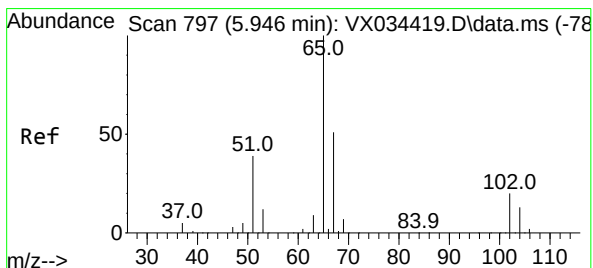
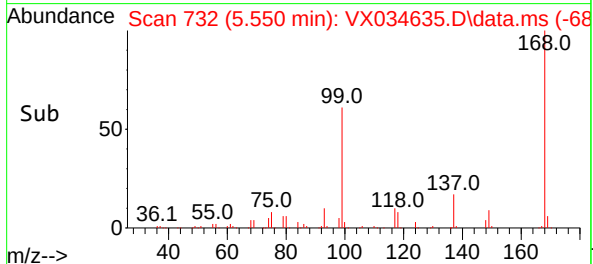
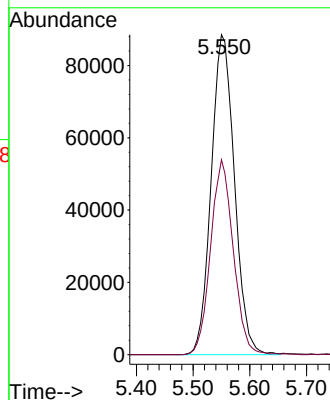
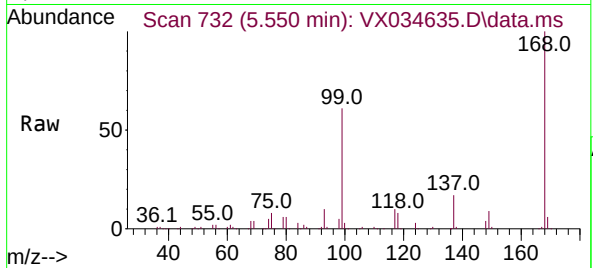




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034635.D
Acq: 20 Mar 2023 18:06

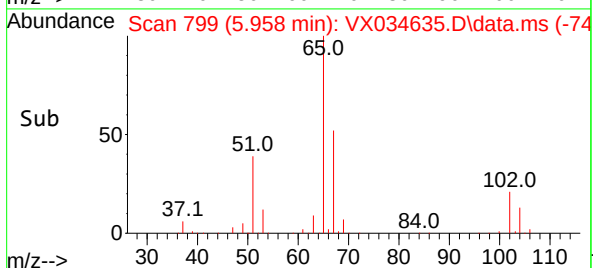
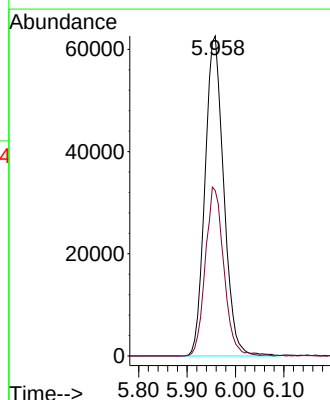
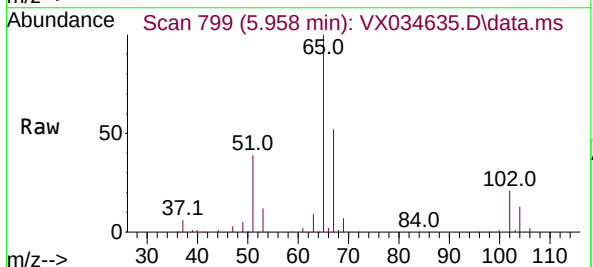
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

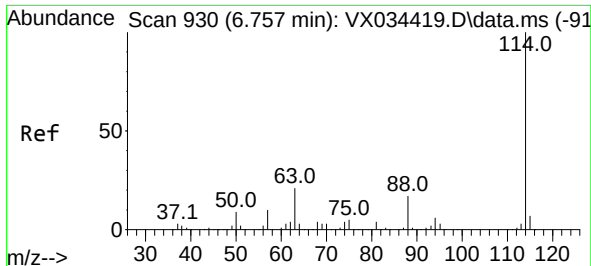
Tgt Ion:168 Resp: 252109
Ion Ratio Lower Upper
168 100
99 60.9 45.7 68.5



#33
1,2-Dichloroethane-d4
Concen: 45.925 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.012 min
Lab File: VX034635.D
Acq: 20 Mar 2023 18:06

Tgt Ion: 65 Resp: 168438
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.006 min

Lab File: VX034635.D

Acq: 20 Mar 2023 18:06

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG

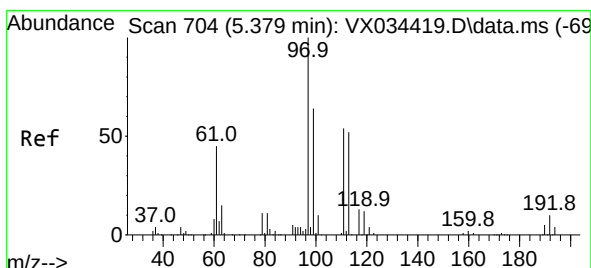
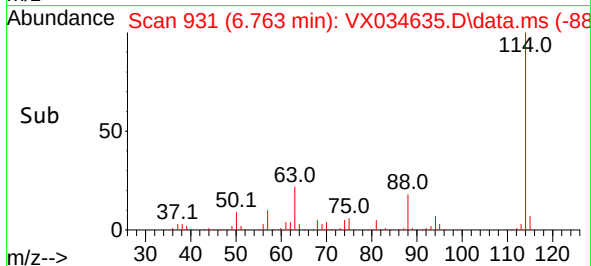
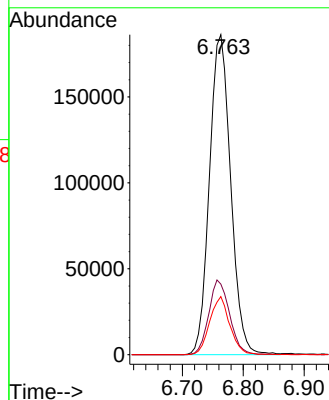
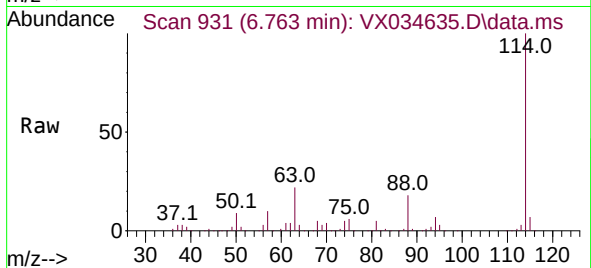
Tgt Ion:114 Resp: 451344

Ion Ratio Lower Upper

114 100

63 22.1 0.0 42.2

88 18.2 0.0 33.2



#35

Dibromofluoromethane

Concen: 43.355 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.012 min

Lab File: VX034635.D

Acq: 20 Mar 2023 18:06

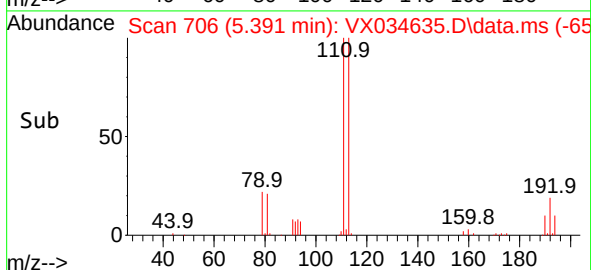
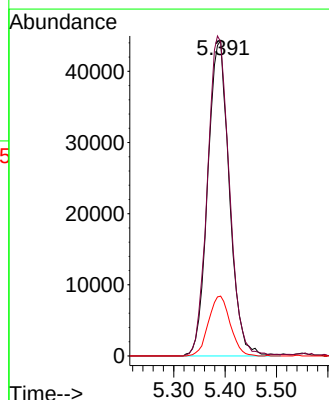
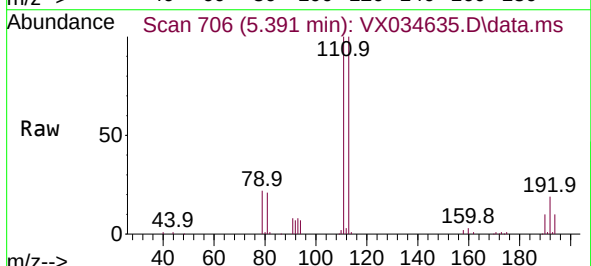
Tgt Ion:113 Resp: 129196

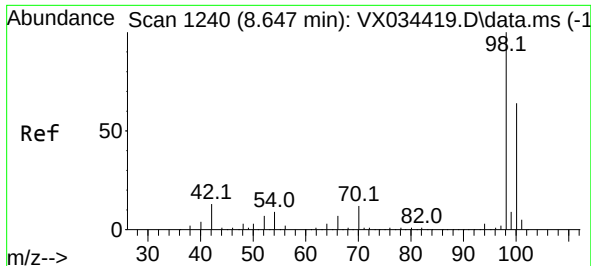
Ion Ratio Lower Upper

113 100

111 103.1 83.7 125.5

192 19.1 15.4 23.2

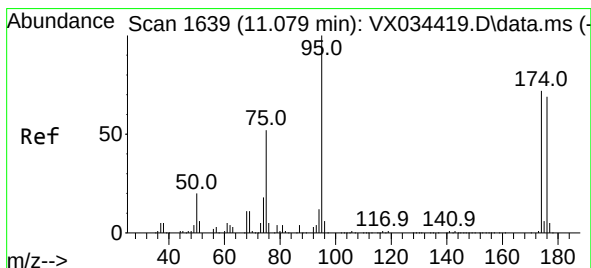
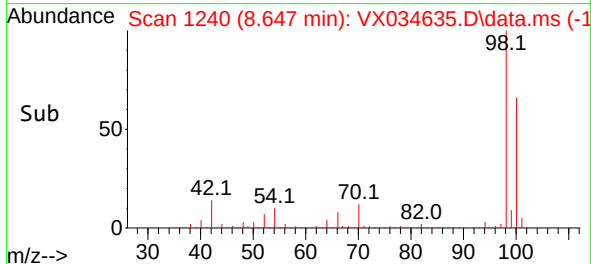
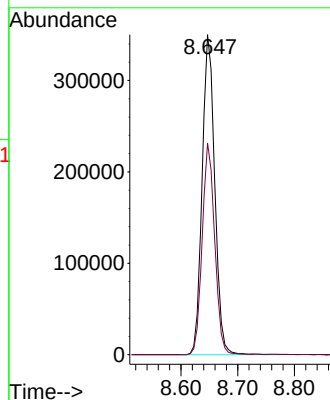
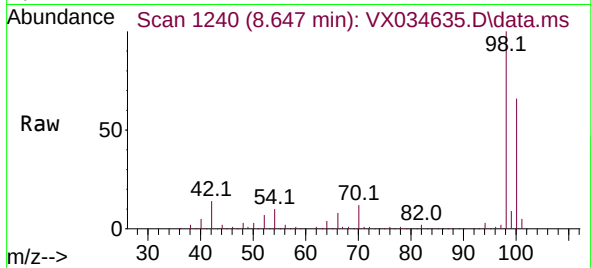




#50
Toluene-d8
Concen: 48.512 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034635.D
Acq: 20 Mar 2023 18:06

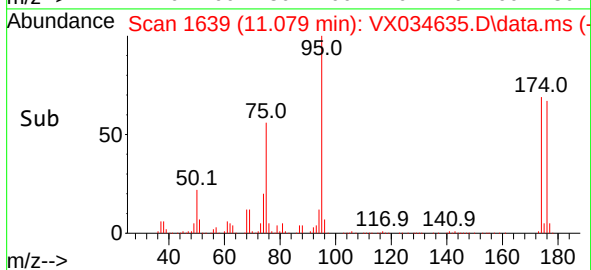
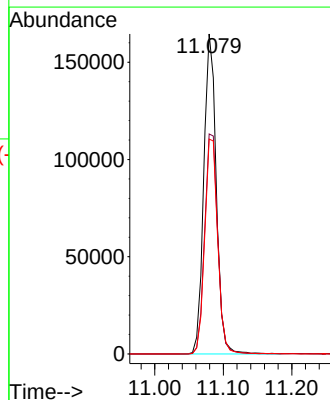
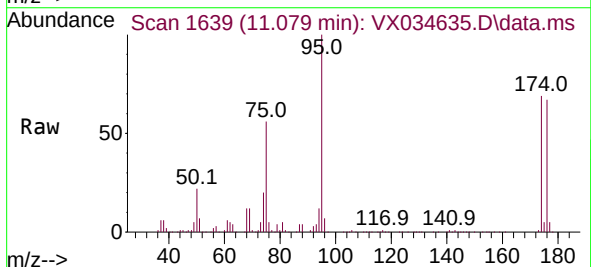
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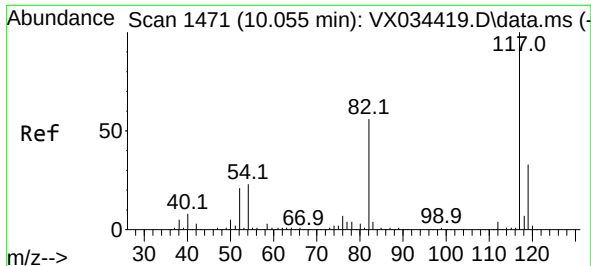
Tgt Ion: 98 Resp: 539675
Ion Ratio Lower Upper
98 100
100 65.6 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 46.551 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034635.D
Acq: 20 Mar 2023 18:06

Tgt Ion: 95 Resp: 209175
Ion Ratio Lower Upper
95 100
174 72.2 0.0 147.4
176 69.9 0.0 140.6

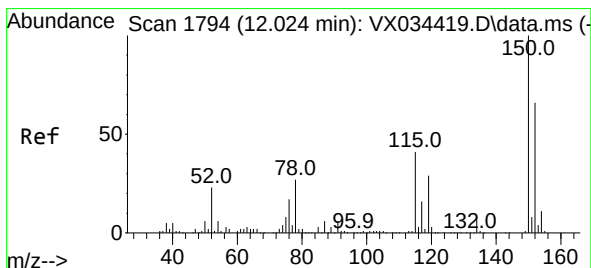
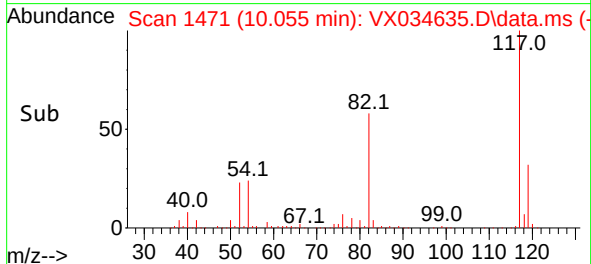
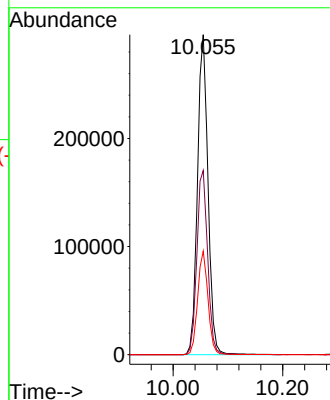
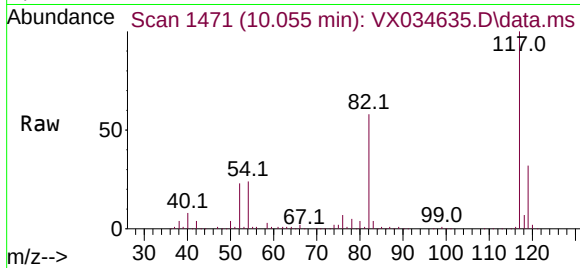




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034635.D
Acq: 20 Mar 2023 18:06

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion:117 Resp: 396681
Ion Ratio Lower Upper
117 100
82 57.5 45.0 67.4
119 32.4 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: VX034635.D
Acq: 20 Mar 2023 18:06

Tgt Ion:152 Resp: 167949
Ion Ratio Lower Upper
152 100
115 62.8 45.0 135.0
150 158.0 0.0 352.4

