

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090923\
 Data File : VX037625.D
 Acq On : 09 Sep 2023 14:11
 Operator : JC/MD
 Sample : 04358-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Sep 11 01:22:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090823W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 09 06:38:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	135161	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	223248	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	202830	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88419	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	75963	41.635	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	83.260%
35) Dibromofluoromethane	5.391	113	69084	44.243	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.480%
50) Toluene-d8	8.647	98	262476	45.831	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.660%#
62) 4-Bromofluorobenzene	11.079	95	93315	43.232	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.460%

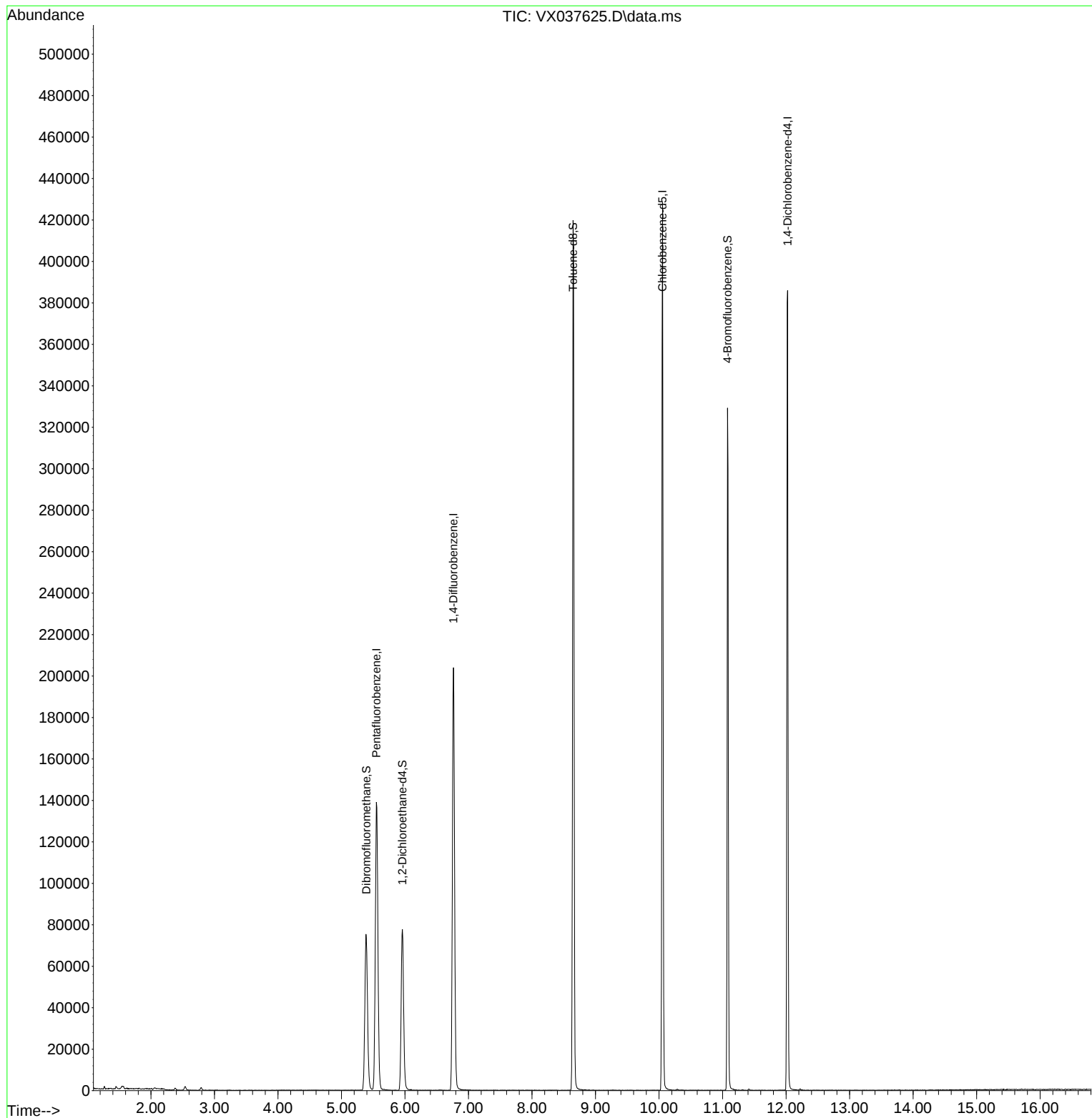
Target Compounds	Qvalue

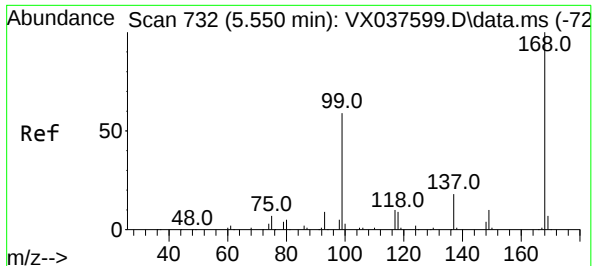
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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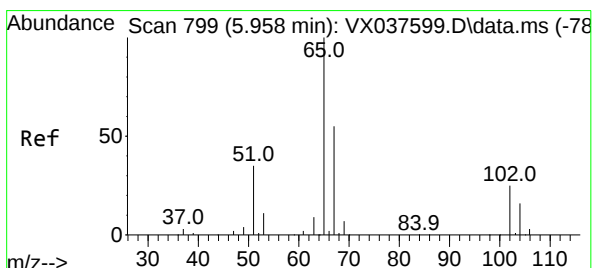
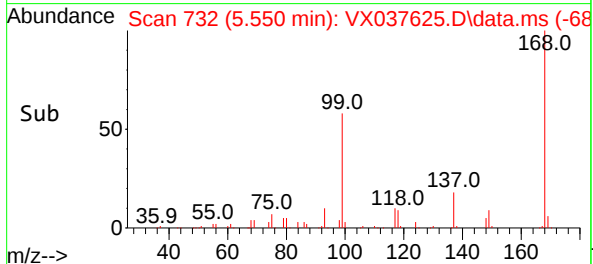
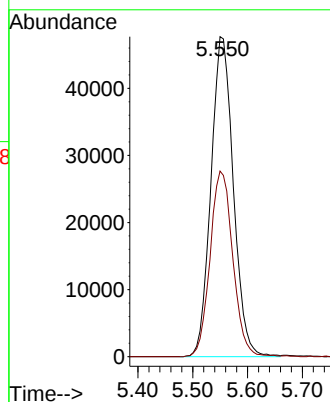
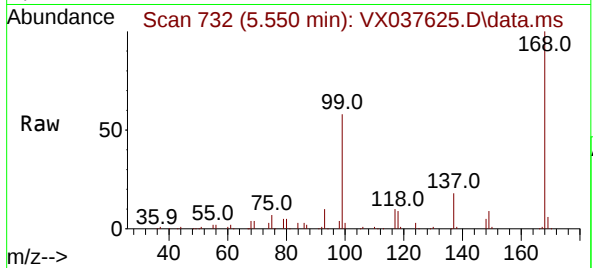




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.000 min
Lab File: VX037625.D
Acq: 09 Sep 2023 14:11

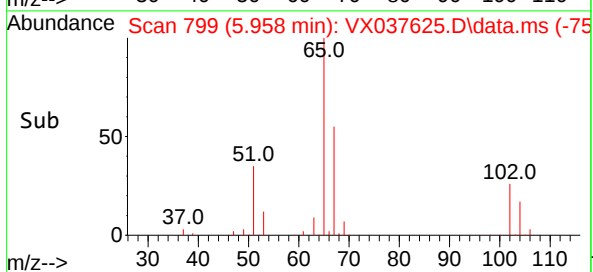
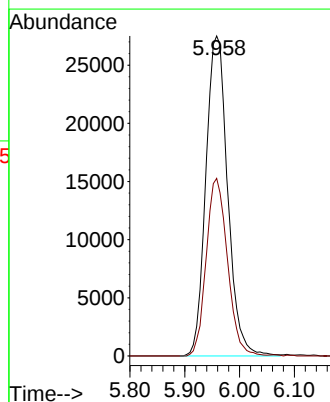
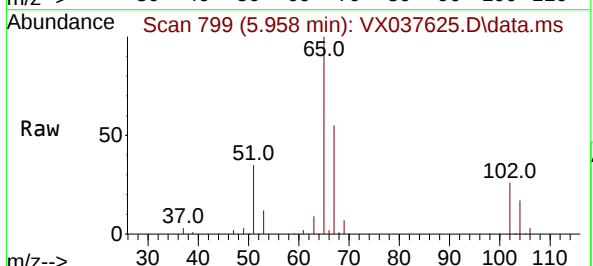
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

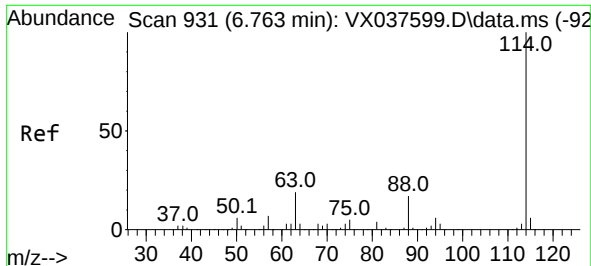
Tgt Ion:168 Resp: 135161
Ion Ratio Lower Upper
168 100
99 58.0 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 41.635 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX037625.D
Acq: 09 Sep 2023 14:11

Tgt Ion: 65 Resp: 75963
Ion Ratio Lower Upper
65 100
67 54.1 0.0 100.2

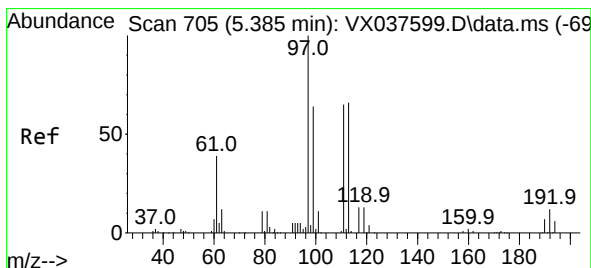
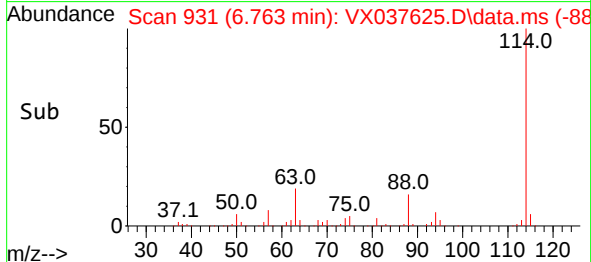
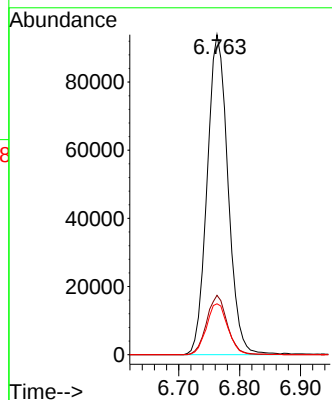
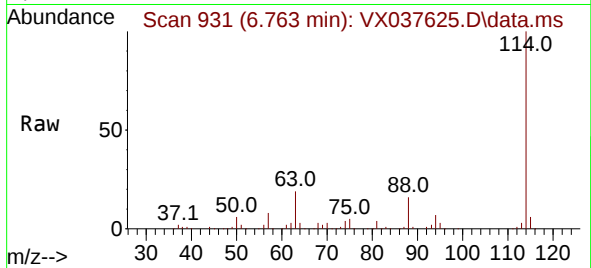




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037625.D
Acq: 09 Sep 2023 14:11

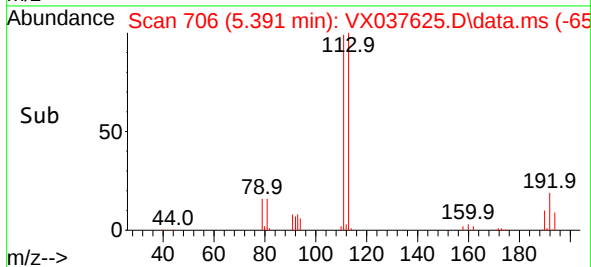
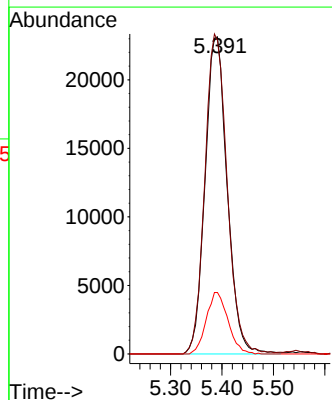
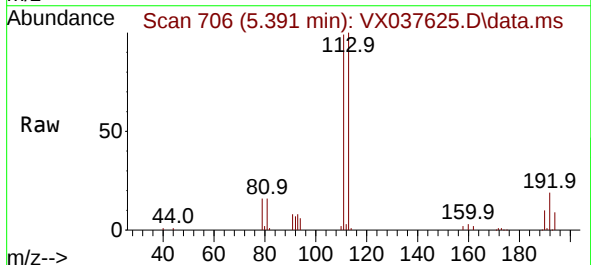
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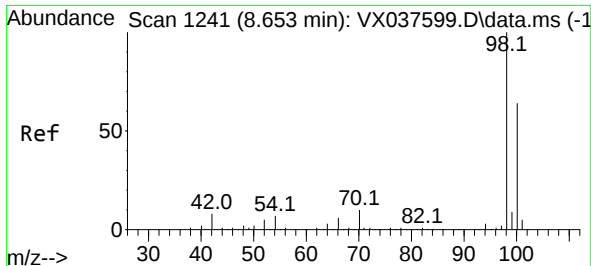
Tgt Ion:114 Resp: 223248
Ion Ratio Lower Upper
114 100
63 18.5 0.0 45.0
88 15.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.243 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX037625.D
Acq: 09 Sep 2023 14:11

Tgt Ion:113 Resp: 69084
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 19.1 13.3 19.9





#50

Toluene-d8

Concen: 45.831 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX037625.D

Acq: 09 Sep 2023 14:11

Instrument :

MSVOA_X

ClientSampleId :

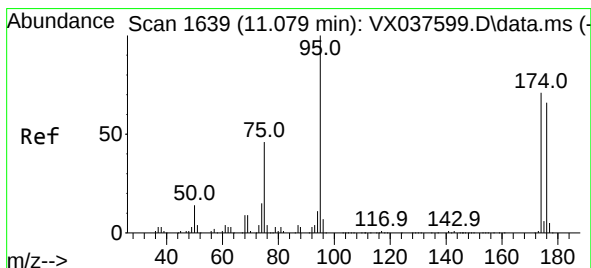
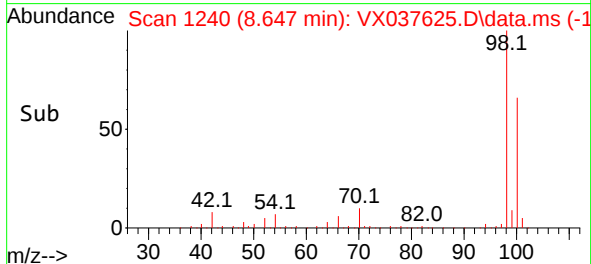
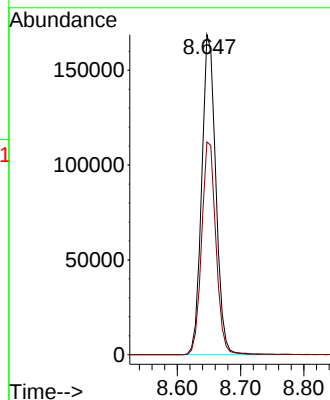
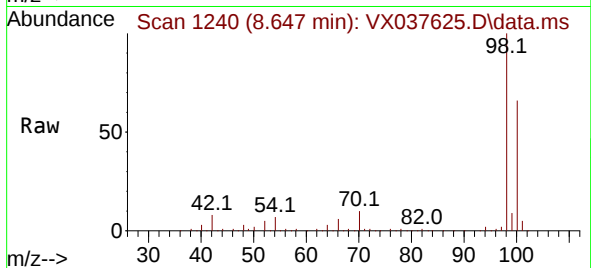
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 98 Resp: 262476

Ion Ratio Lower Upper

98 100

100 67.1 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 43.232 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX037625.D

Acq: 09 Sep 2023 14:11

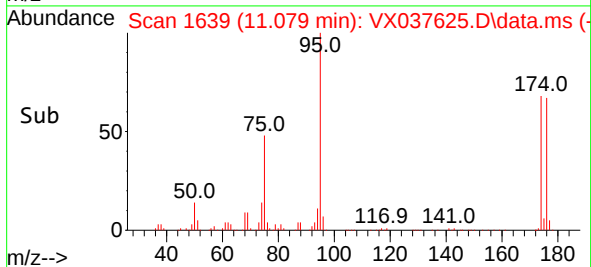
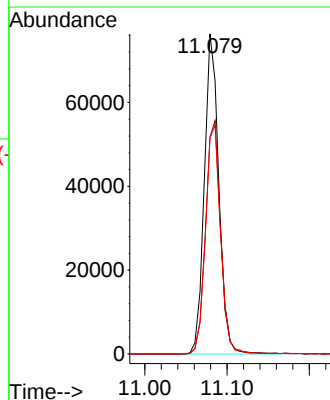
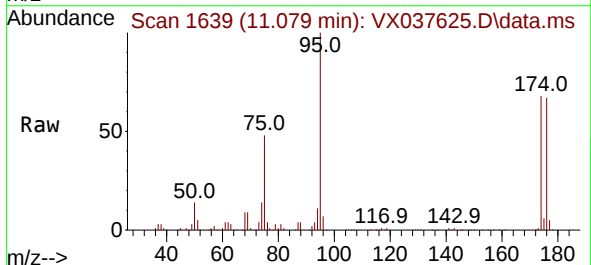
Tgt Ion: 95 Resp: 93315

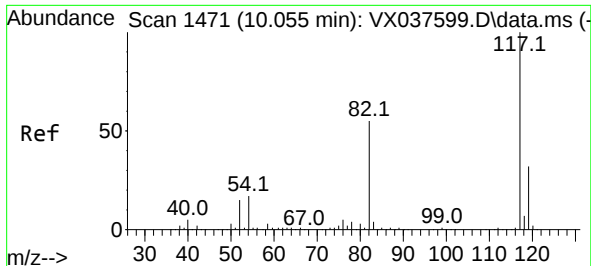
Ion Ratio Lower Upper

95 100

174 76.2 0.0 135.6

176 74.6 0.0 131.0

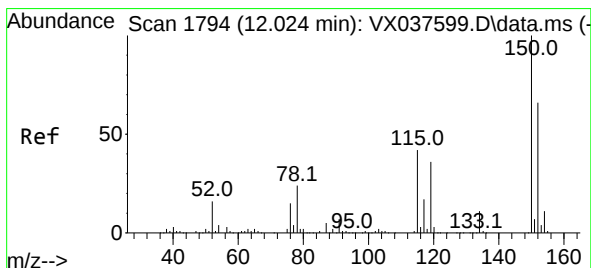
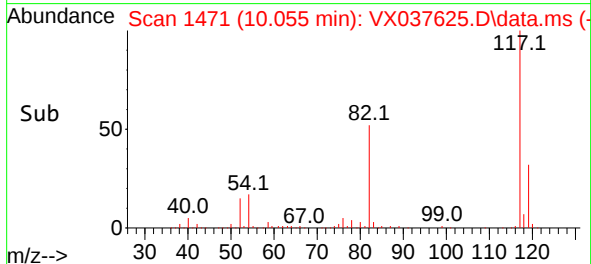
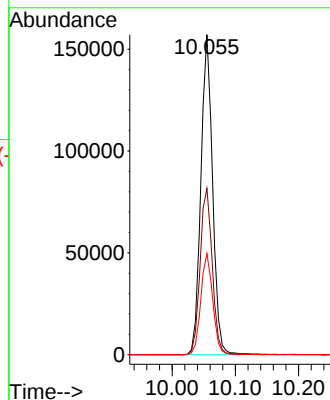
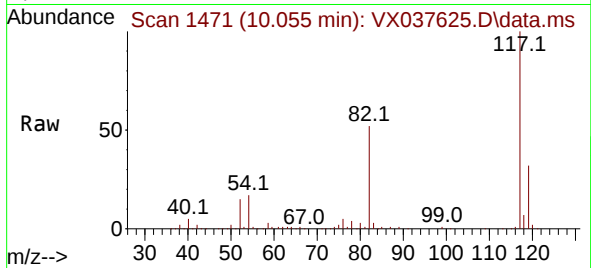




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037625.D
Acq: 09 Sep 2023 14:11

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Tgt Ion:117 Resp: 202830
Ion Ratio Lower Upper
117 100
82 51.9 46.2 69.4
119 31.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037625.D
Acq: 09 Sep 2023 14:11

Tgt Ion:152 Resp: 88419
Ion Ratio Lower Upper
152 100
115 61.3 43.3 129.9
150 154.5 0.0 345.0

