

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091323\
 Data File : VX037685.D
 Acq On : 13 Sep 2023 11:12
 Operator : JC/MD
 Sample : VX0913WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0913WBL01

Quant Time: Sep 14 02:15:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 10:10:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	213382	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	373412	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	345672	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	147339	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	152494	44.171	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.340%
35) Dibromofluoromethane	5.385	113	120912	45.683	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.360%
50) Toluene-d8	8.647	98	453573	45.438	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.880%#
62) 4-Bromofluorobenzene	11.079	95	156829	43.548	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.100%

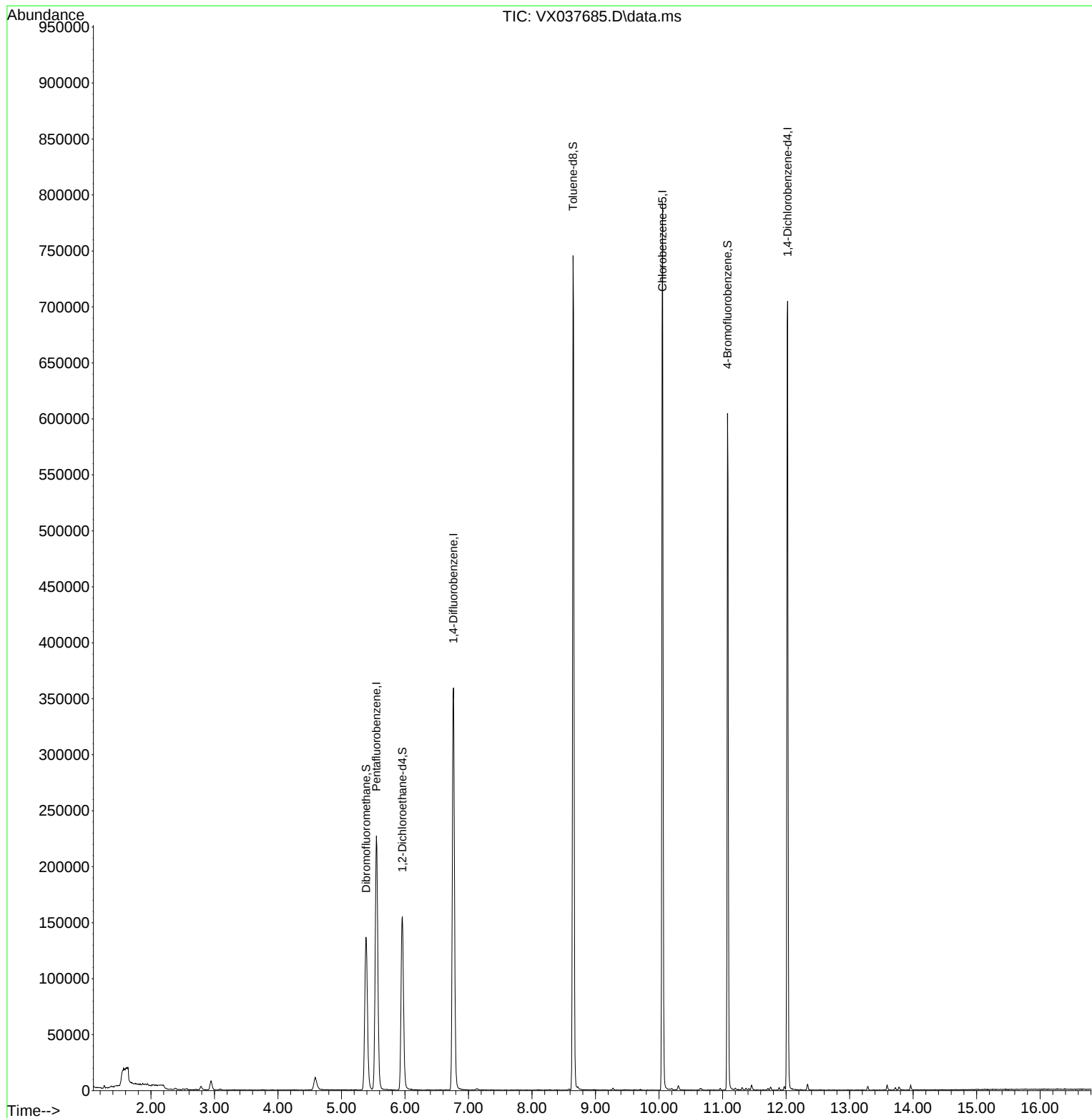
Target Compounds	Qvalue

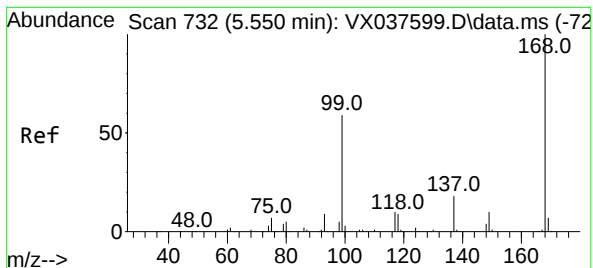
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX037685.D

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Instrument :

MSVOA_X

ClientSampleId :

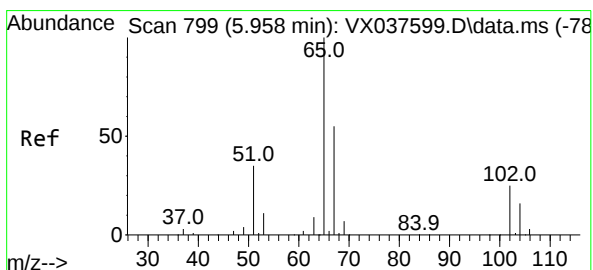
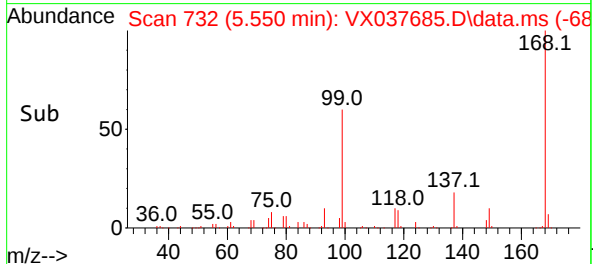
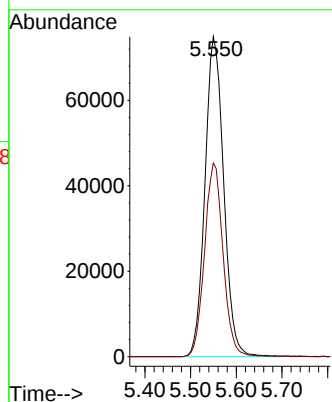
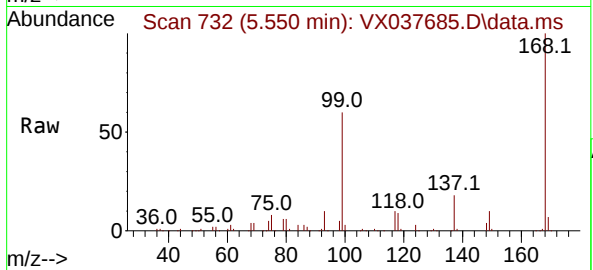
VX0913WBL01

Tgt Ion:168 Resp: 213382

Ion Ratio Lower Upper

168 100

99 60.5 56.6 85.0



#33

1,2-Dichloroethane-d4

Concen: 44.171 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX037685.D

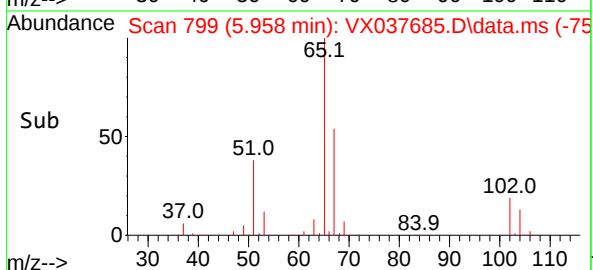
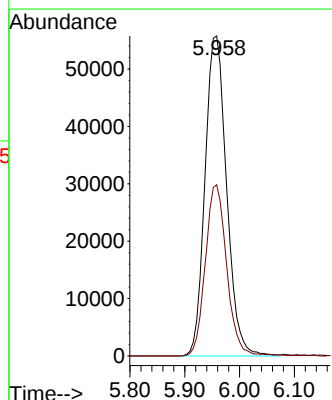
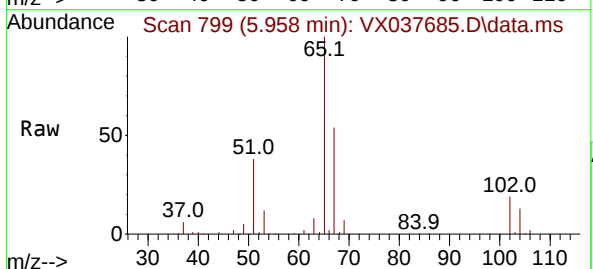
Acq: 13 Sep 2023 11:12

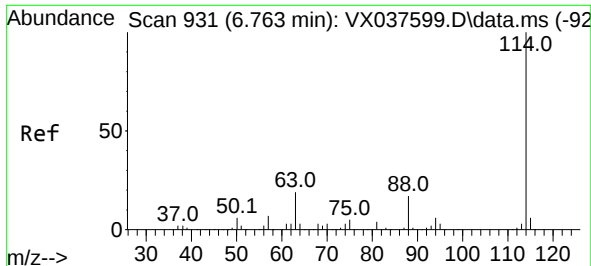
Tgt Ion: 65 Resp: 152494

Ion Ratio Lower Upper

65 100

67 52.9 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: VX037685.D

Acq: 13 Sep 2023 11:12

Instrument :

MSVOA_X

ClientSampleId :

VX0913WBL01

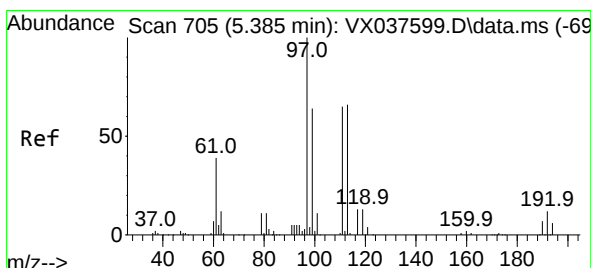
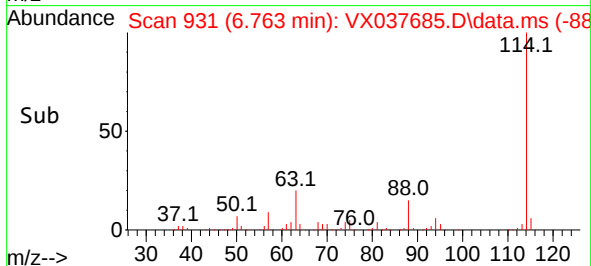
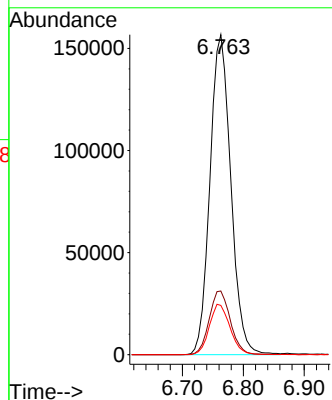
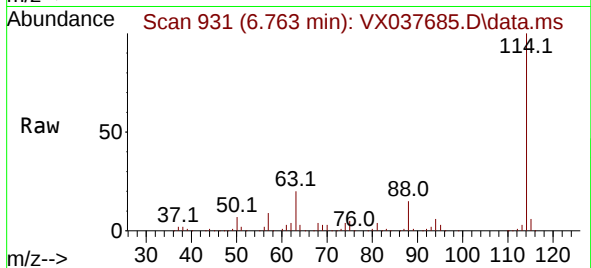
Tgt Ion:114 Resp: 373412

Ion Ratio Lower Upper

114 100

63 19.9 0.0 45.0

88 15.4 0.0 36.6



#35

Dibromofluoromethane

Concen: 45.683 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX037685.D

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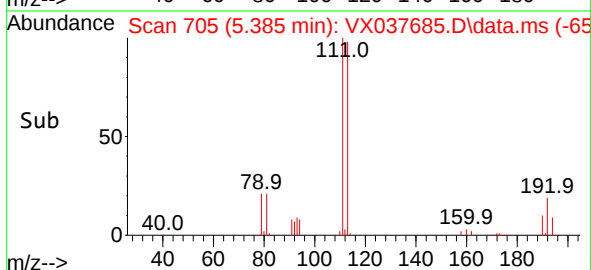
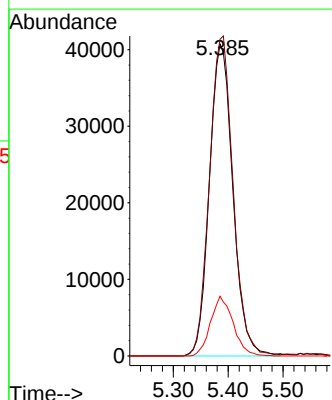
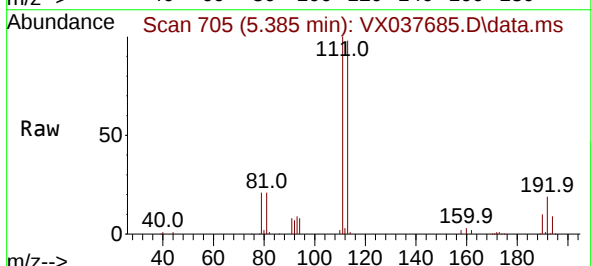
Tgt Ion:113 Resp: 120912

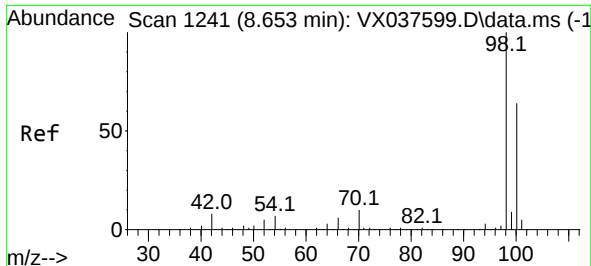
Ion Ratio Lower Upper

113 100

111 103.4 82.9 124.3

192 18.4 13.3 19.9

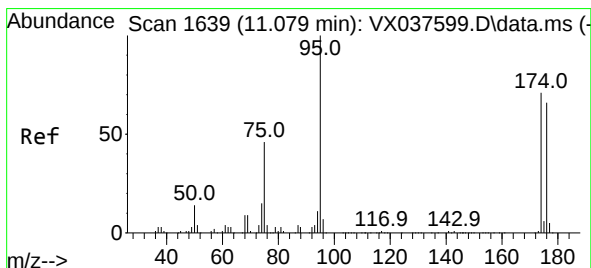
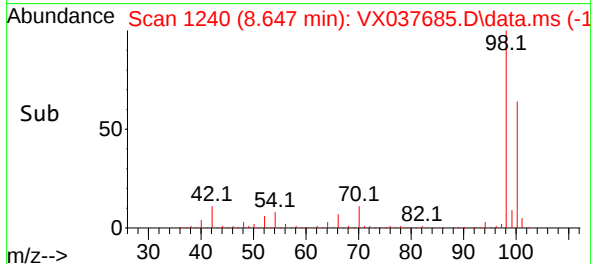
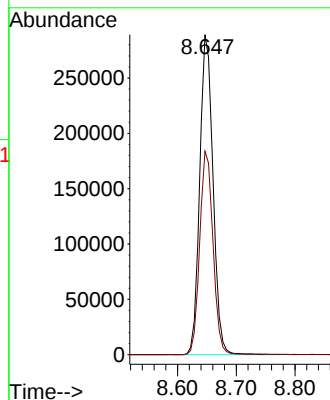
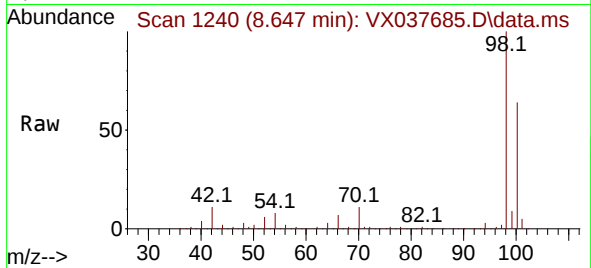




#50
Toluene-d8
Concen: 45.438 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX037685.D
Acq: 13 Sep 2023 11:12

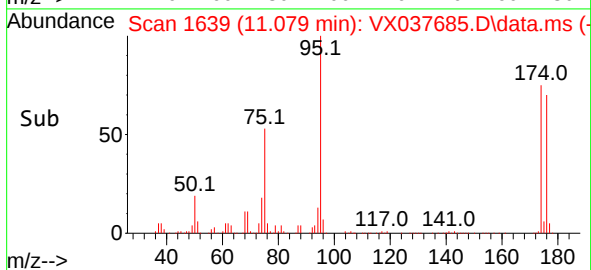
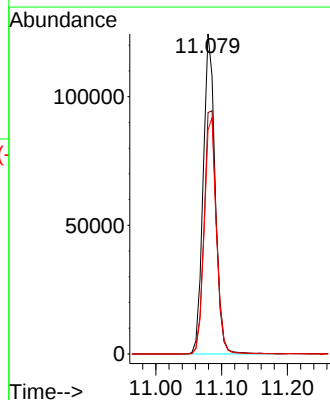
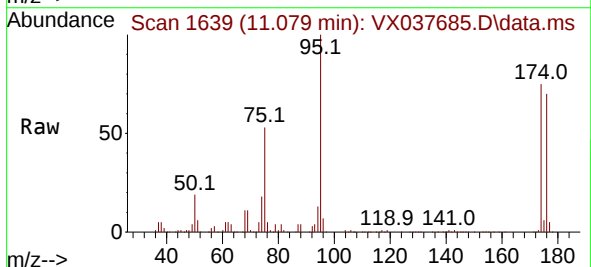
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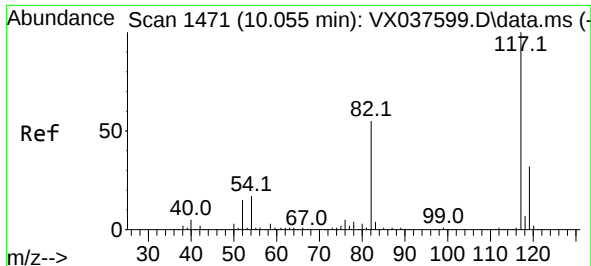
Tgt Ion: 98 Resp: 453573
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 43.548 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037685.D
Acq: 13 Sep 2023 11:12

Tgt Ion: 95 Resp: 156829
Ion Ratio Lower Upper
95 100
174 79.0 0.0 135.6
176 74.9 0.0 131.0

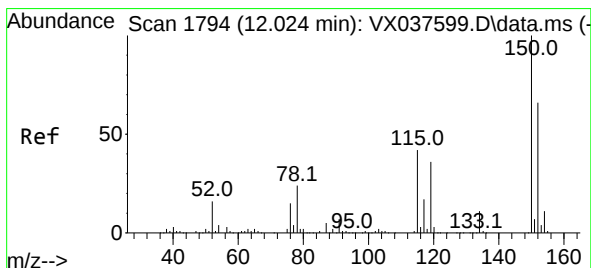
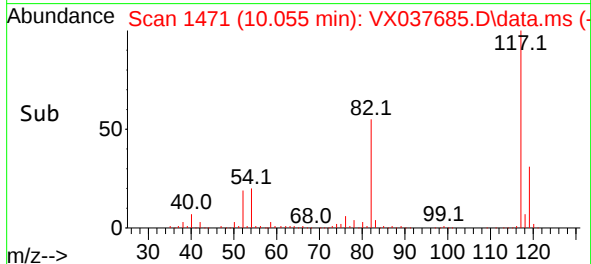
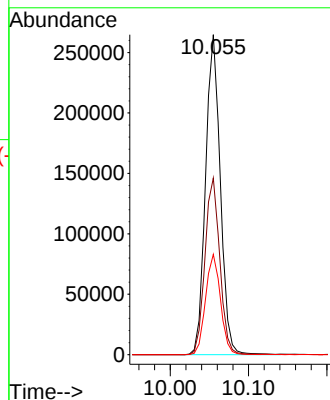
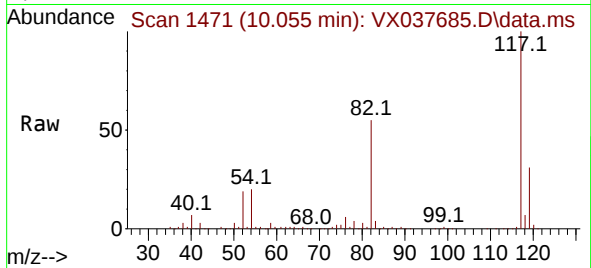




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037685.D
Acq: 13 Sep 2023 11:12

Instrument :
MSVOA_X
ClientSampleId :
VX0913WBL01

Tgt Ion:117 Resp: 345672
Ion Ratio Lower Upper
117 100
82 55.2 46.2 69.4
119 31.4 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: VX037685.D
Acq: 13 Sep 2023 11:12

Tgt Ion:152 Resp: 147339
Ion Ratio Lower Upper
152 100
115 60.9 43.3 129.9
150 156.3 0.0 345.0

