

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090523\
 Data File : VX037502.D
 Acq On : 05 Sep 2023 11:00
 Operator : JC/MD
 Sample : VX0905MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0905MBL01

Quant Time: Sep 06 02:49:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	125212	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	205927	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	177376	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73949	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	73118	40.505	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	81.020%
35) Dibromofluoromethane	5.385	113	62479	45.812	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.620%
50) Toluene-d8	8.647	98	241455	48.808	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.620%
62) 4-Bromofluorobenzene	11.079	95	81186	41.760	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	83.520%

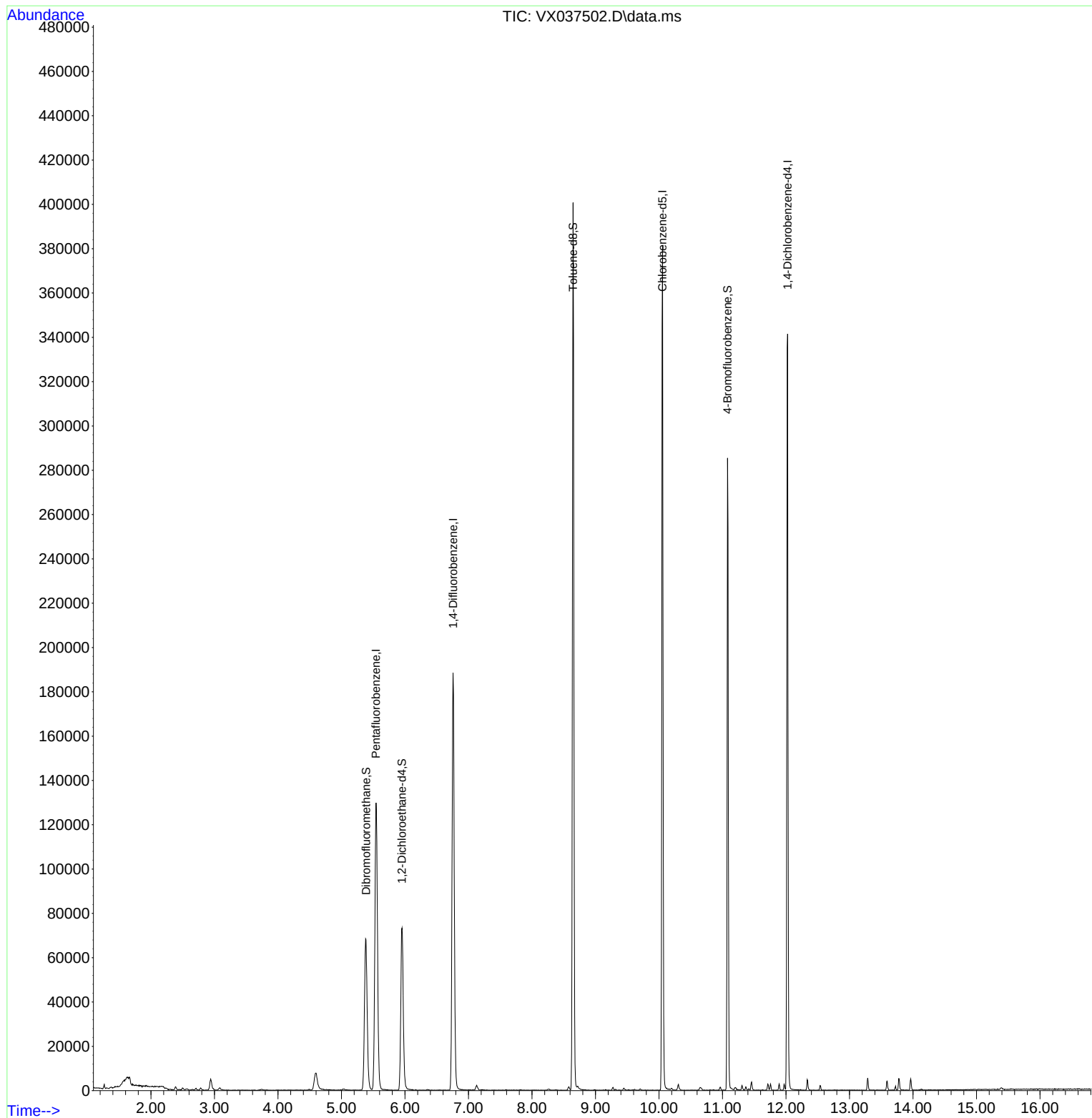
Target Compounds	Qvalue

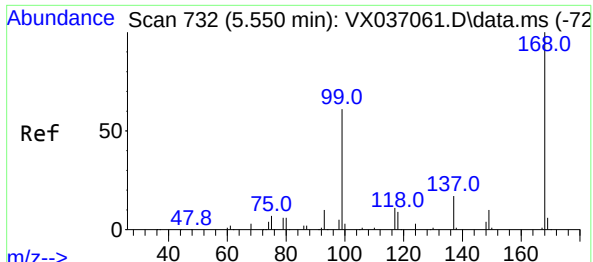
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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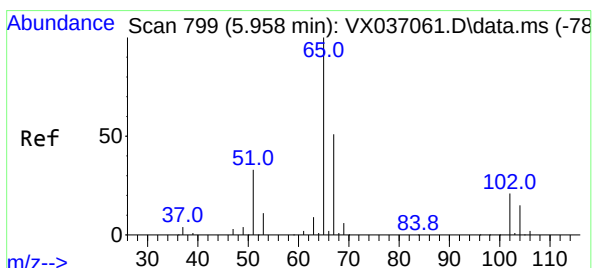
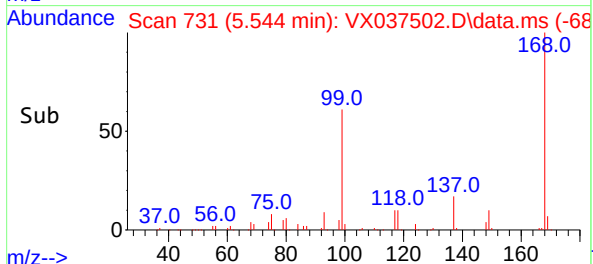
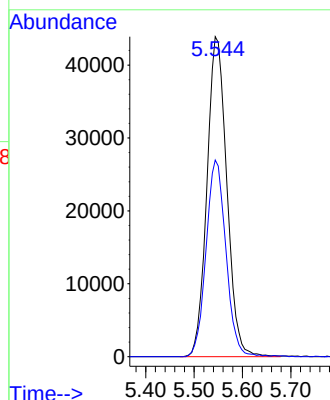
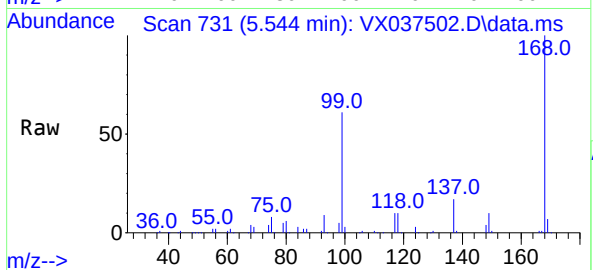




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX037502.D
Acq: 05 Sep 2023 11:00

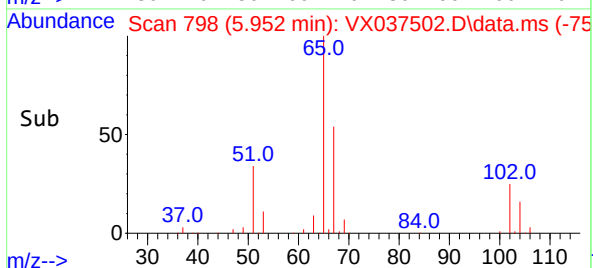
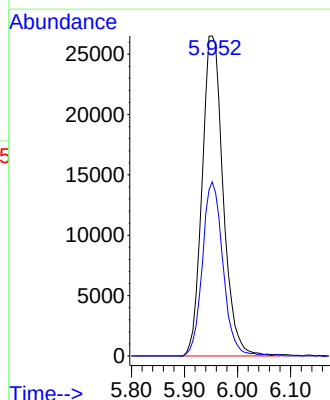
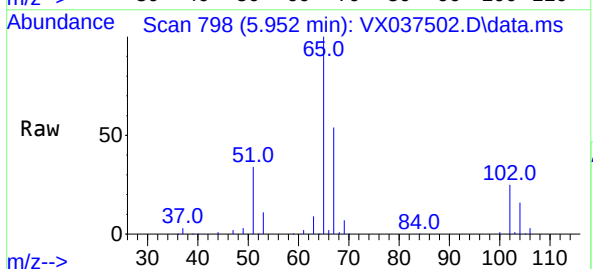
Instrument :
MSVOA_X
ClientSampleId :
VX0905MBL01

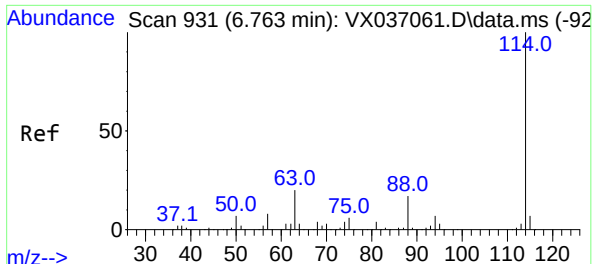
Tgt Ion:168 Resp: 125212
Ion Ratio Lower Upper
168 100
99 61.5 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 40.505 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX037502.D
Acq: 05 Sep 2023 11:00

Tgt Ion: 65 Resp: 73118
Ion Ratio Lower Upper
65 100
67 53.0 0.0 100.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX037502.D

Acq: 05 Sep 2023 11:00

Instrument :

MSVOA_X

ClientSampleId :

VX0905MBL01

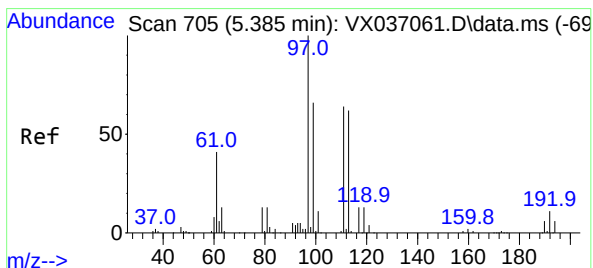
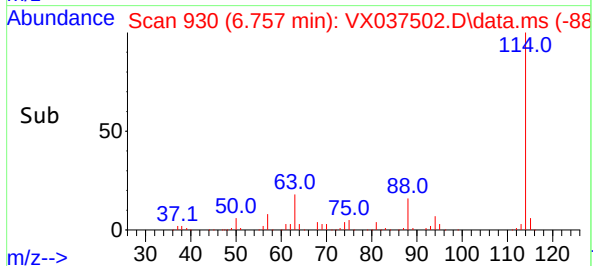
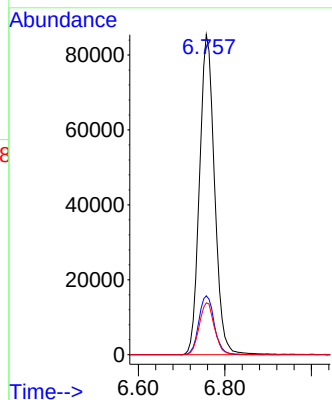
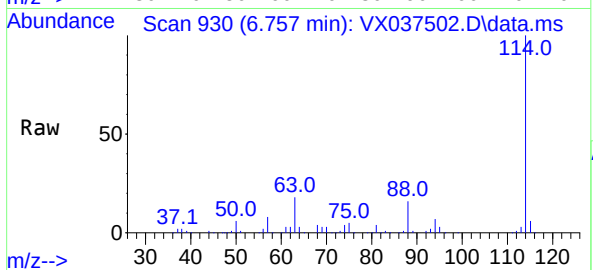
Tgt Ion:114 Resp: 205927

Ion Ratio Lower Upper

114 100

63 18.4 0.0 45.0

88 16.2 0.0 36.6



#35

Dibromofluoromethane

Concen: 45.812 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX037502.D

Acq: 05 Sep 2023 11:00

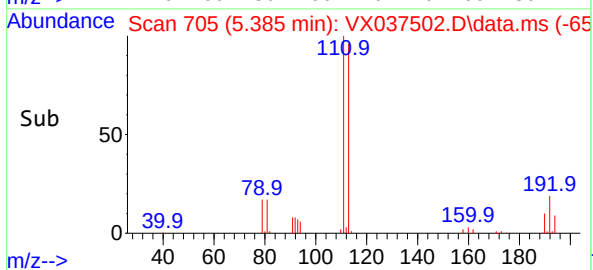
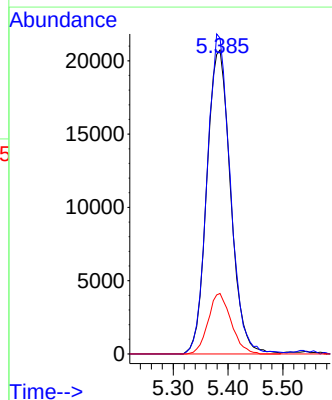
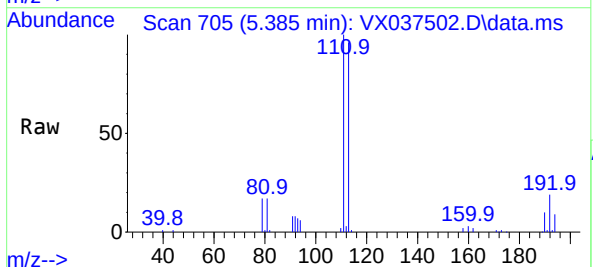
Tgt Ion:113 Resp: 62479

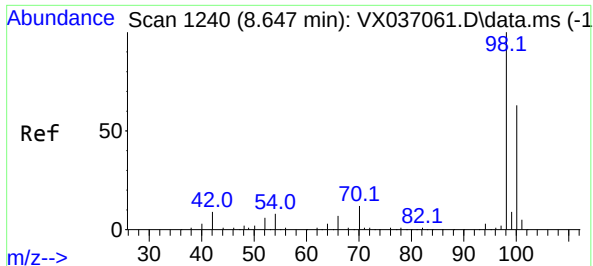
Ion Ratio Lower Upper

113 100

111 102.4 82.9 124.3

192 19.2 13.3 19.9





#50

Toluene-d8

Concen: 48.808 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX037502.D

Acq: 05 Sep 2023 11:00

Instrument :

MSVOA_X

ClientSampleId :

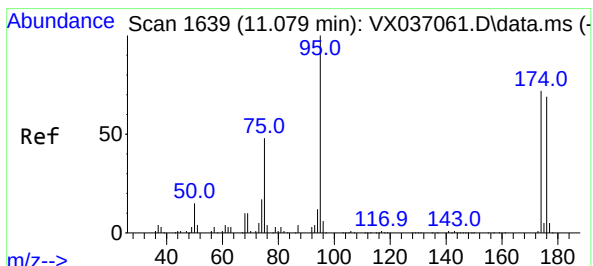
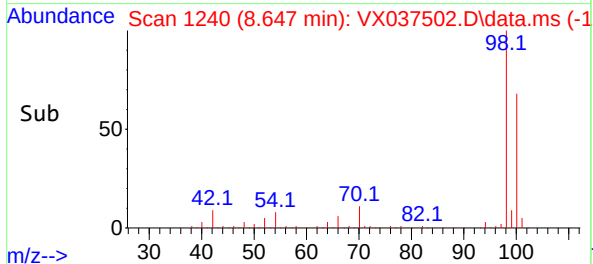
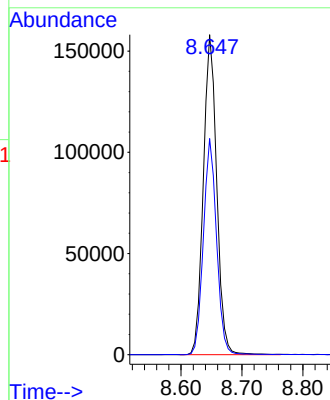
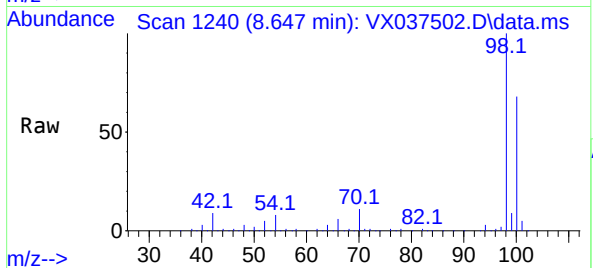
VX0905MBL01

Tgt Ion: 98 Resp: 241455

Ion Ratio Lower Upper

98 100

100 66.4 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 41.760 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX037502.D

Acq: 05 Sep 2023 11:00

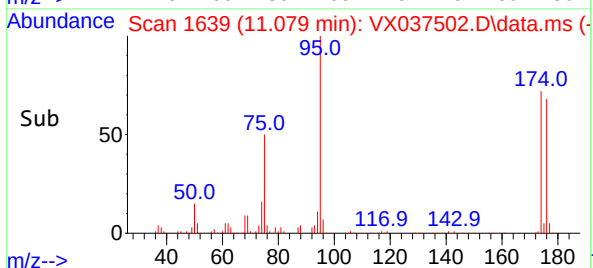
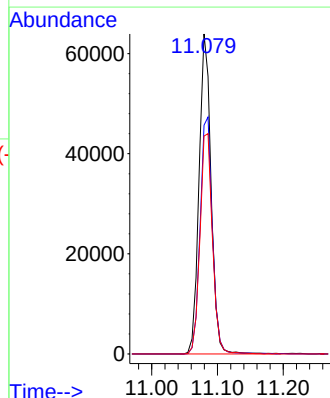
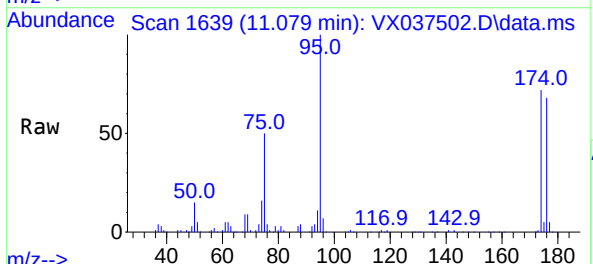
Tgt Ion: 95 Resp: 81186

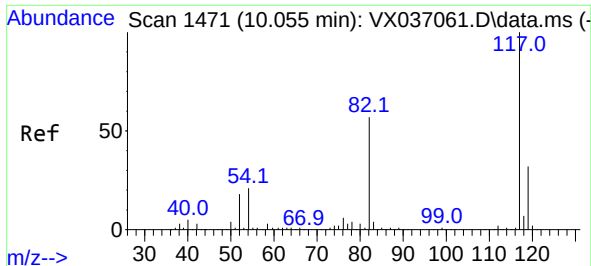
Ion Ratio Lower Upper

95 100

174 75.8 0.0 135.6

176 71.7 0.0 131.0

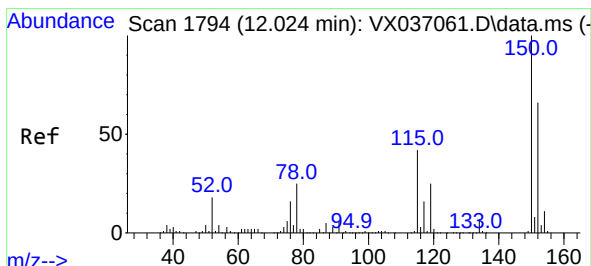
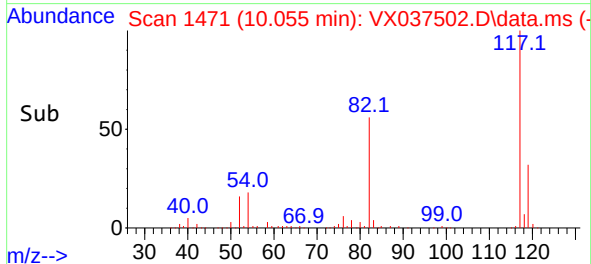
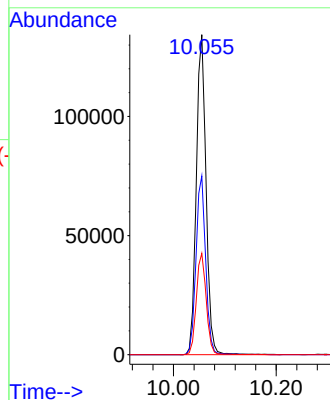
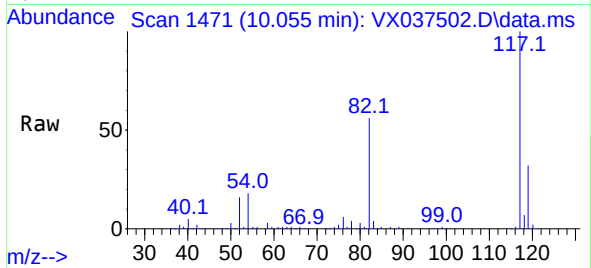




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037502.D
Acq: 05 Sep 2023 11:00

Instrument :
MSVOA_X
ClientSampleId :
VX0905MBL01

Tgt Ion:117 Resp: 177376
Ion Ratio Lower Upper
117 100
82 55.8 46.2 69.4
119 31.7 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: VX037502.D
Acq: 05 Sep 2023 11:00

Tgt Ion:152 Resp: 73949
Ion Ratio Lower Upper
152 100
115 62.7 43.3 129.9
150 156.7 0.0 345.0

