

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090223\
 Data File : VX037476.D
 Acq On : 02 Sep 2023 12:25
 Operator : JC/MD
 Sample : VX0902WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0902WBL02

Quant Time: Sep 04 04:24:30 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	5.550	168	159234	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	266417	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	232867	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103901	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	95059	41.408	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	82.820%
35) Dibromofluoromethane	5.385	113	80676	45.724	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.440%
50) Toluene-d8	8.647	98	309457	48.351	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.700%
62) 4-Bromofluorobenzene	11.079	95	111215	44.217	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.440%

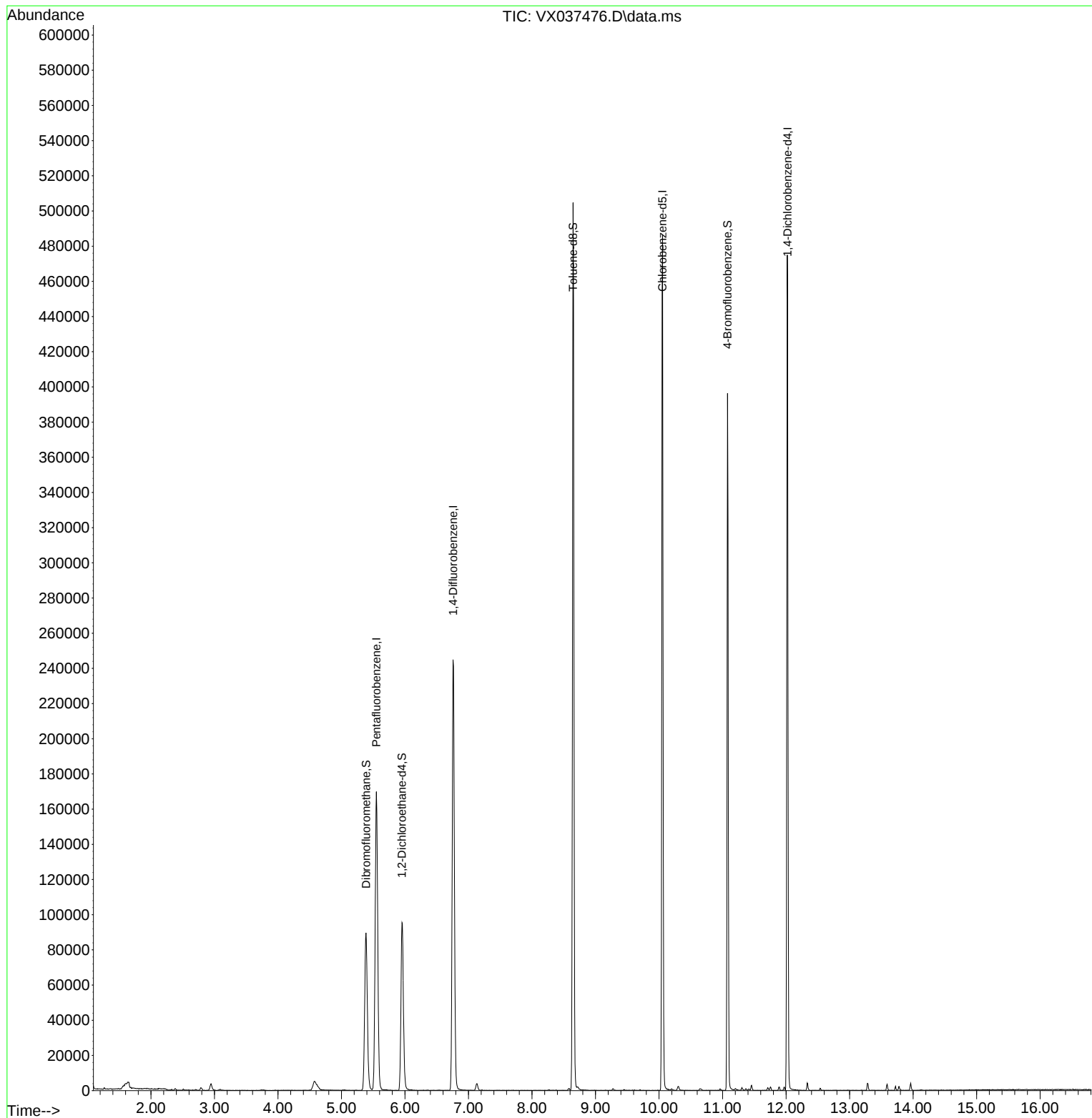
Target Compounds	Qvalue

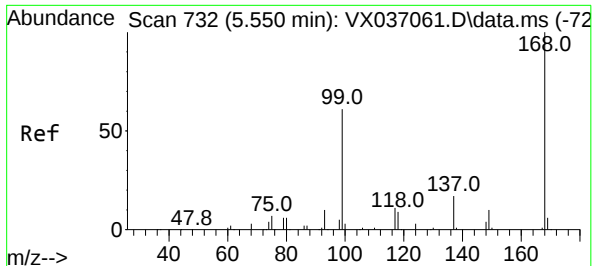
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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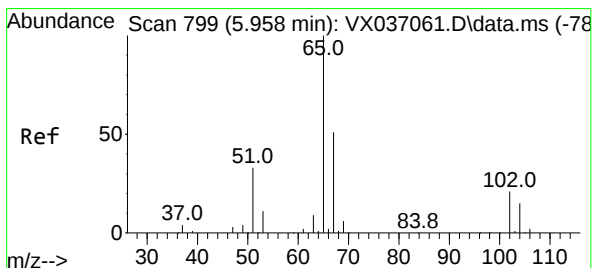
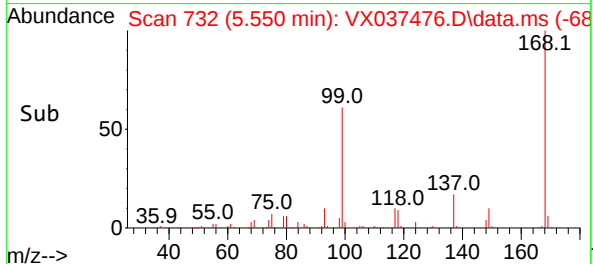
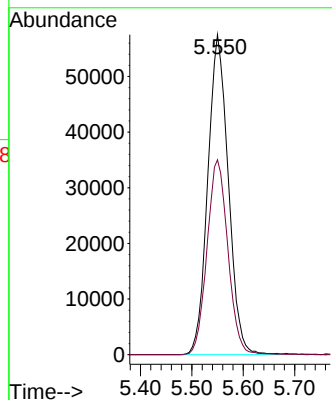
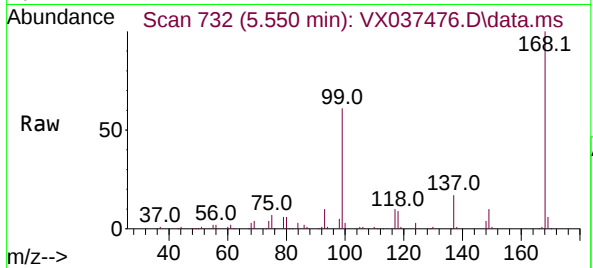




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037476.D
Acq: 02 Sep 2023 12:25

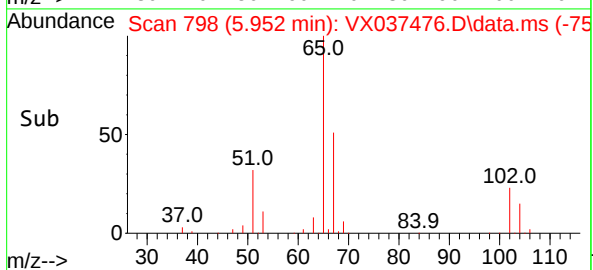
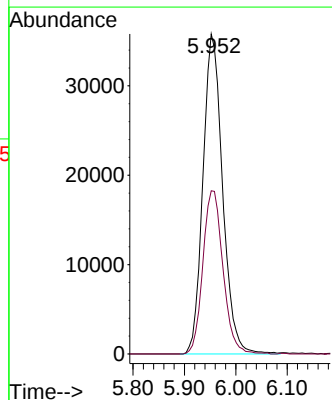
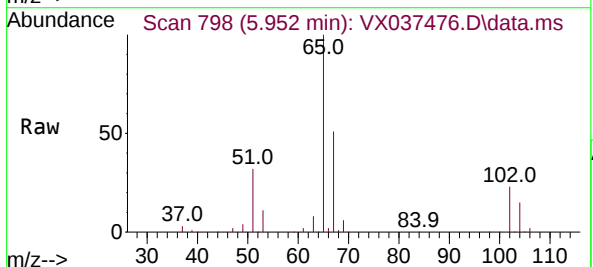
Instrument :
MSVOA_X
ClientSampleId :
VX0902WBL02

Tgt Ion:168 Resp: 159234
Ion Ratio Lower Upper
168 100
99 60.9 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 41.408 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX037476.D
Acq: 02 Sep 2023 12:25

Tgt Ion: 65 Resp: 95059
Ion Ratio Lower Upper
65 100
67 52.2 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: VX037476.D

Acq: 02 Sep 2023 12:25

Instrument :

MSVOA_X

ClientSampleId :

VX0902WBL02

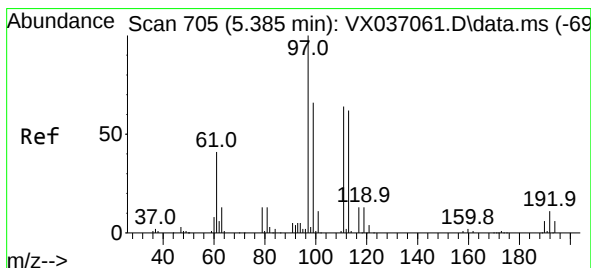
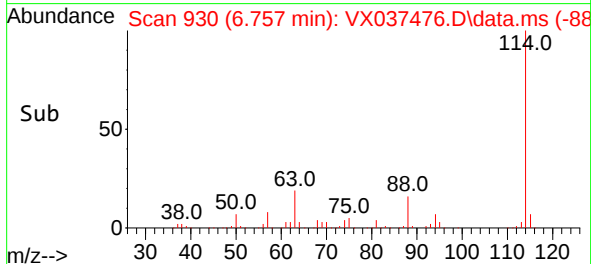
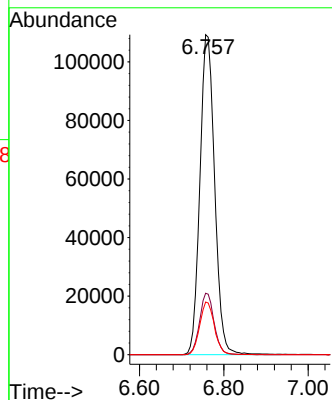
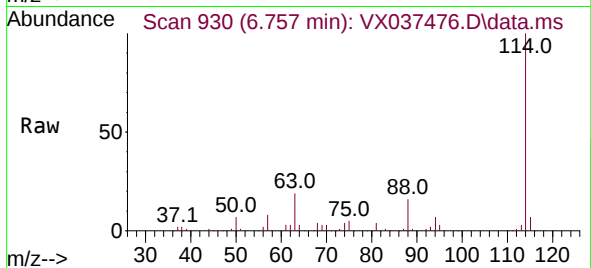
Tgt Ion:114 Resp: 266417

Ion Ratio Lower Upper

114 100

63 19.2 0.0 45.0

88 16.4 0.0 36.6



#35

Dibromofluoromethane

Concen: 45.724 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX037476.D

Acq: 02 Sep 2023 12:25

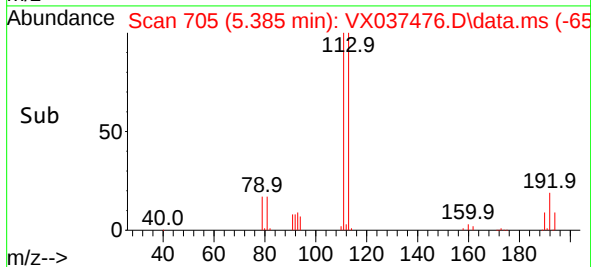
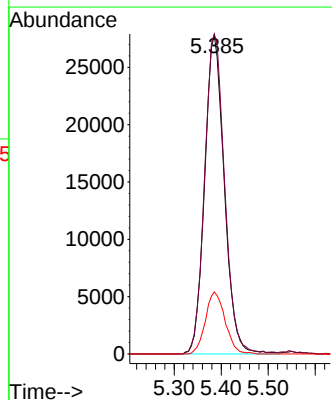
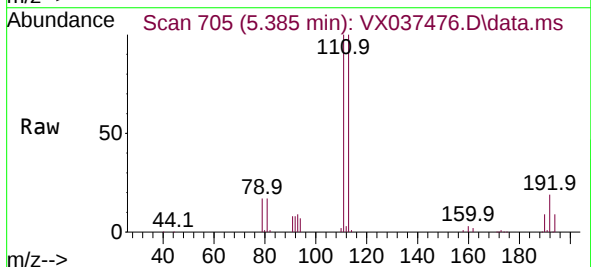
Tgt Ion:113 Resp: 80676

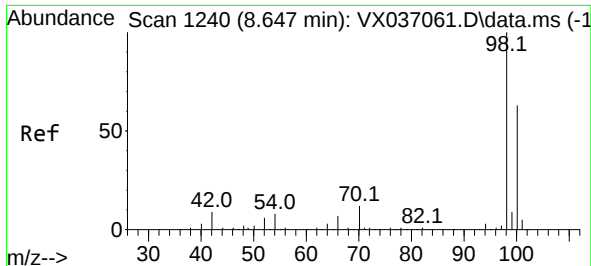
Ion Ratio Lower Upper

113 100

111 102.3 82.9 124.3

192 19.5 13.3 19.9

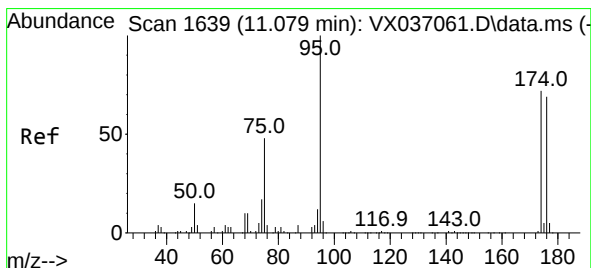
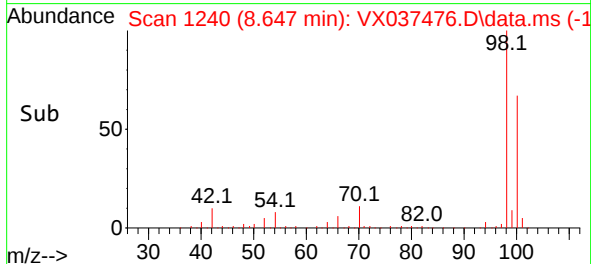
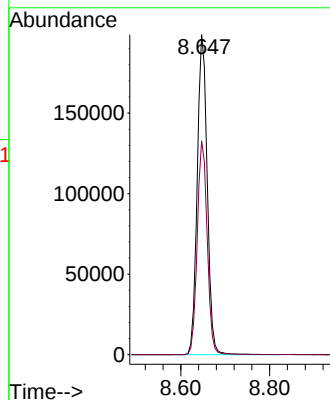
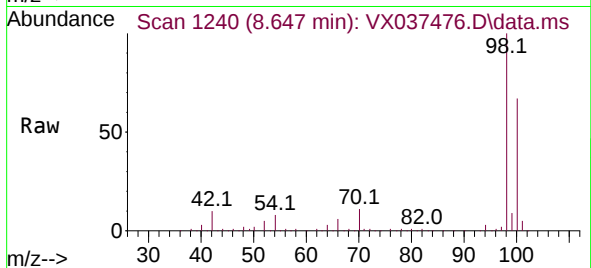




#50
Toluene-d8
Concen: 48.351 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037476.D
Acq: 02 Sep 2023 12:25

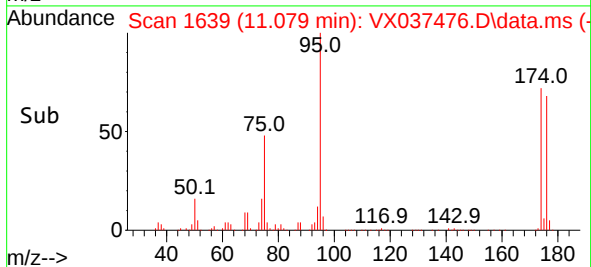
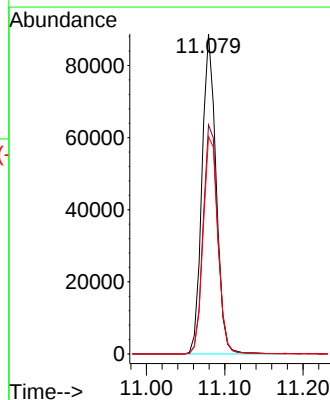
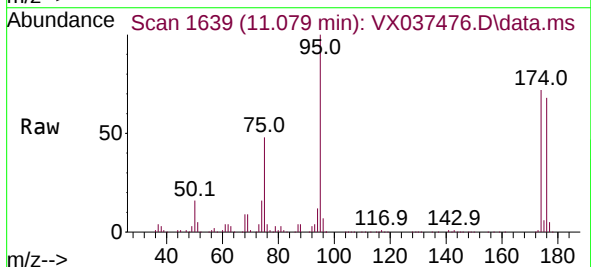
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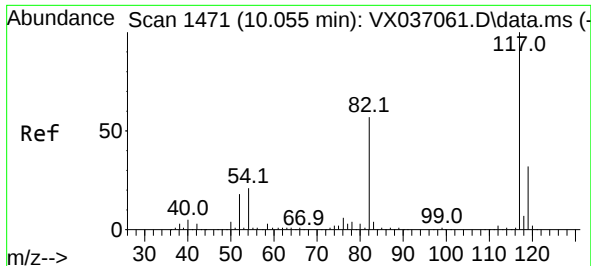
Tgt Ion: 98 Resp: 309457
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 44.217 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037476.D
Acq: 02 Sep 2023 12:25

Tgt Ion: 95 Resp: 111215
Ion Ratio Lower Upper
95 100
174 74.2 0.0 135.6
176 71.1 0.0 131.0

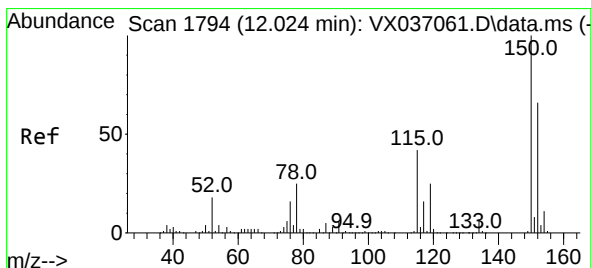
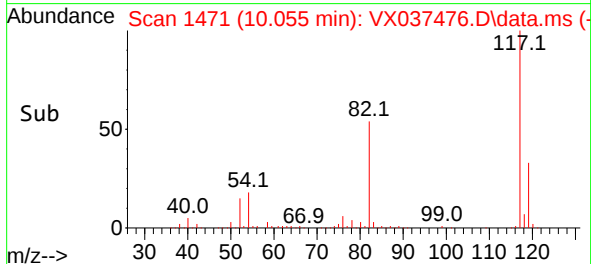
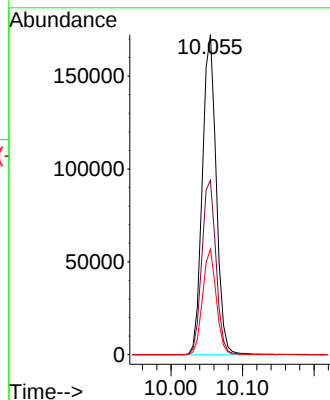
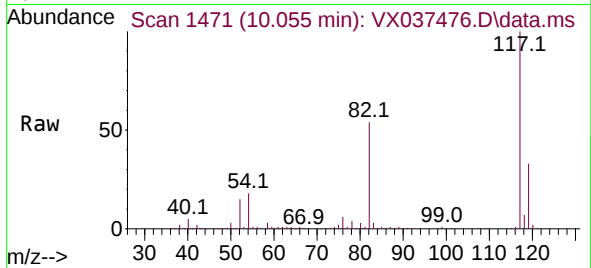




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037476.D
Acq: 02 Sep 2023 12:25

Instrument :
MSVOA_X
ClientSampleId :
VX0902WBL02

Tgt Ion:117 Resp: 232867
Ion Ratio Lower Upper
117 100
82 54.4 46.2 69.4
119 33.0 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: VX037476.D
Acq: 02 Sep 2023 12:25

Tgt Ion:152 Resp: 103901
Ion Ratio Lower Upper
152 100
115 62.3 43.3 129.9
150 156.3 0.0 345.0

