

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101623\
 Data File : VX038299.D
 Acq On : 16 Oct 2023 13:24
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK

Quant Time: Oct 17 01:21:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	140602	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.757	114	253054	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	257600	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	136588	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	101460	44.864	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.720%
35) Dibromofluoromethane	5.385	113	78819	43.226	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	86.460%
50) Toluene-d8	8.647	98	317635	45.587	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.180%#
62) 4-Bromofluorobenzene	11.079	95	125574	47.538	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.080%

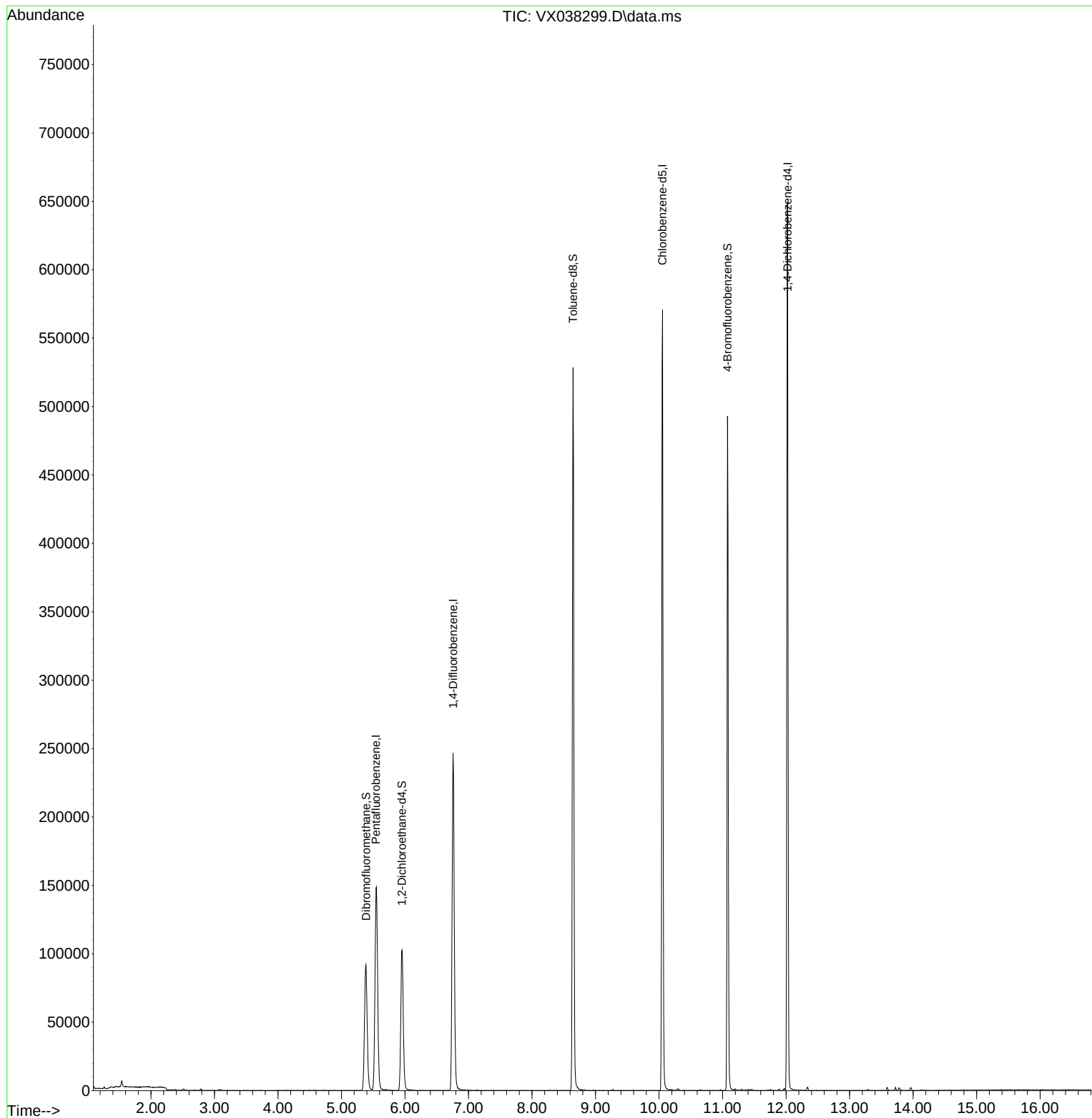
Target Compounds	Qvalue

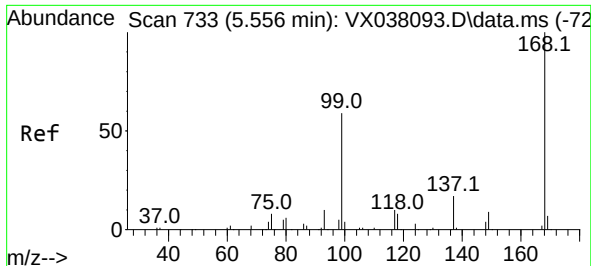
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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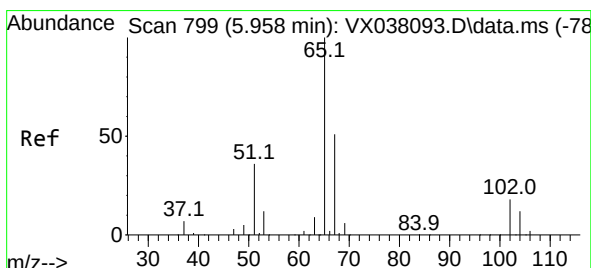
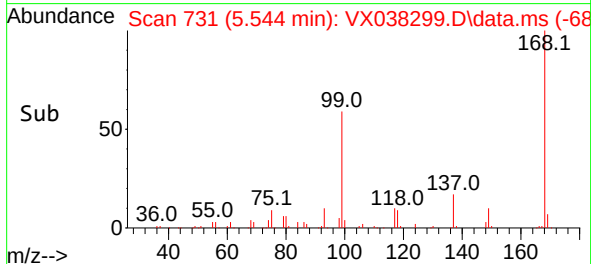
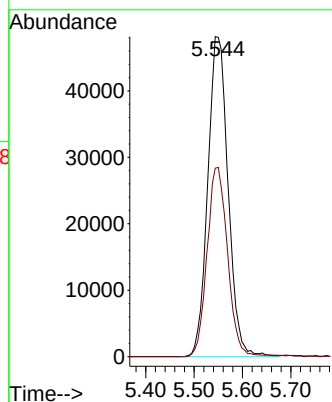
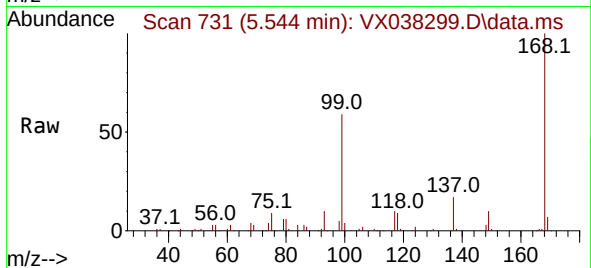




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX038299.D
Acq: 16 Oct 2023 13:24

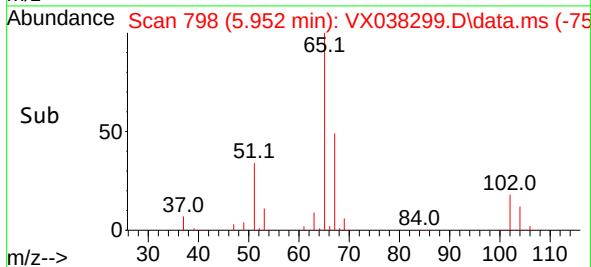
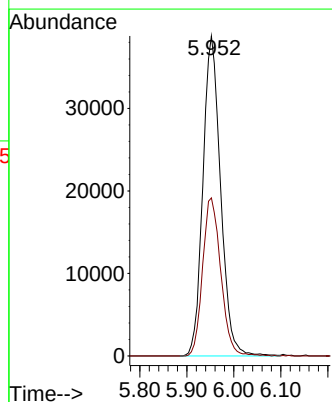
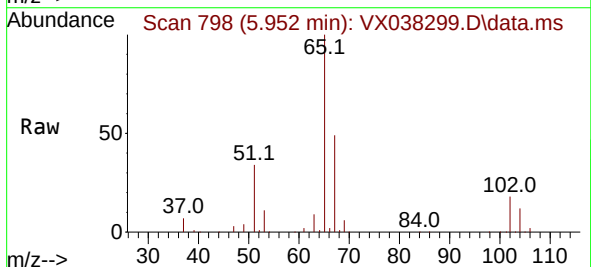
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

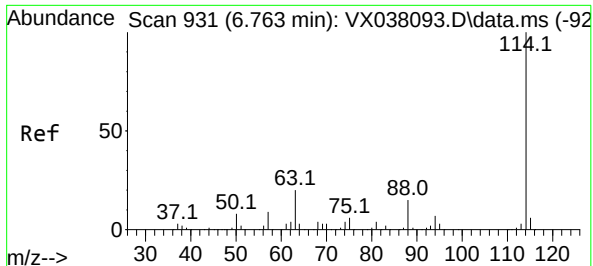
Tgt Ion:168 Resp: 140602
Ion Ratio Lower Upper
168 100
99 58.9 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 44.864 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX038299.D
Acq: 16 Oct 2023 13:24

Tgt Ion: 65 Resp: 101460
Ion Ratio Lower Upper
65 100
67 50.6 0.0 100.2

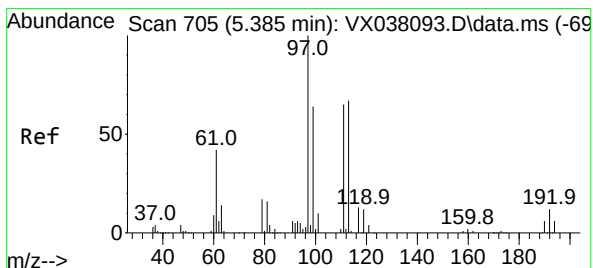
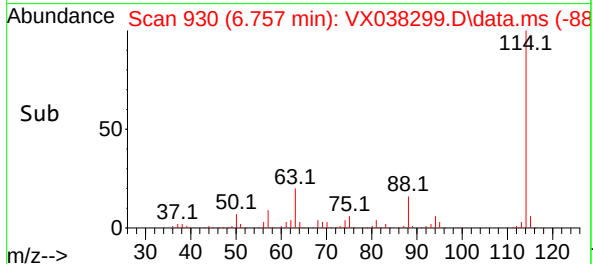
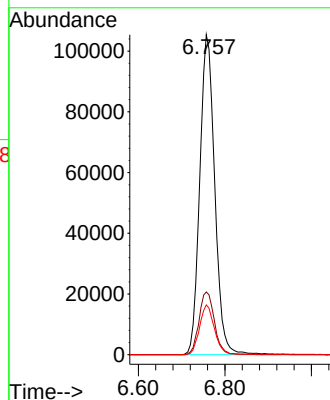
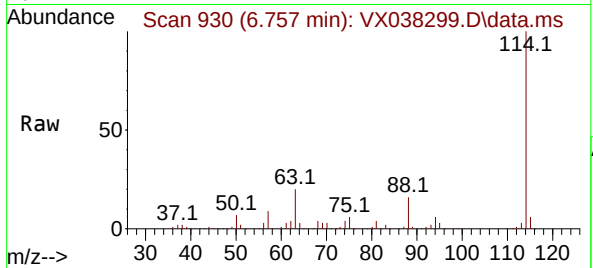




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX038299.D
Acq: 16 Oct 2023 13:24

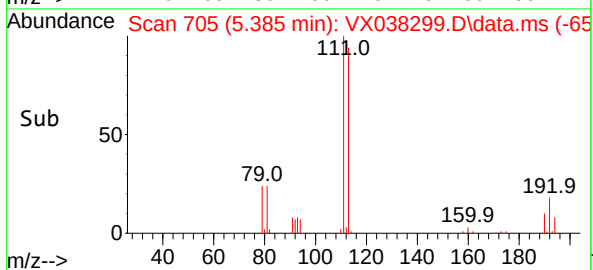
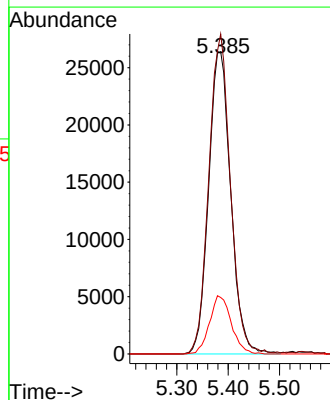
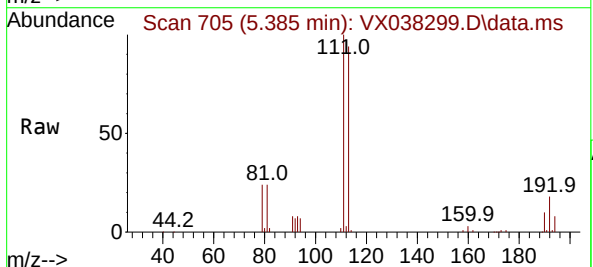
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

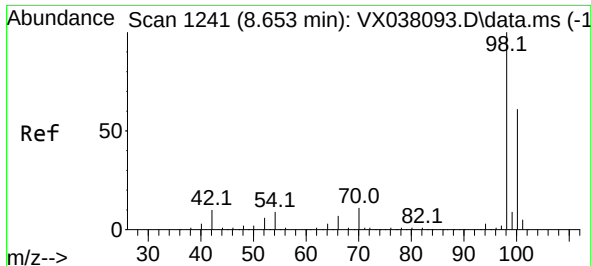
Tgt Ion:114 Resp: 253054
Ion Ratio Lower Upper
114 100
63 19.6 0.0 45.0
88 15.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 43.226 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038299.D
Acq: 16 Oct 2023 13:24

Tgt Ion:113 Resp: 78819
Ion Ratio Lower Upper
113 100
111 103.4 82.9 124.3
192 18.9 13.3 19.9





#50

Toluene-d8

Concen: 45.587 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX038299.D

Acq: 16 Oct 2023 13:24

Instrument :

MSVOA_X

ClientSampleId :

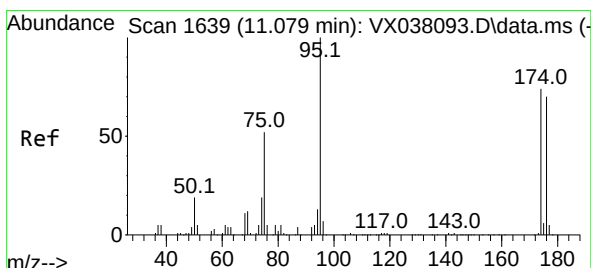
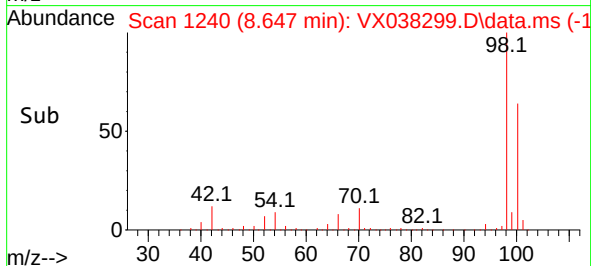
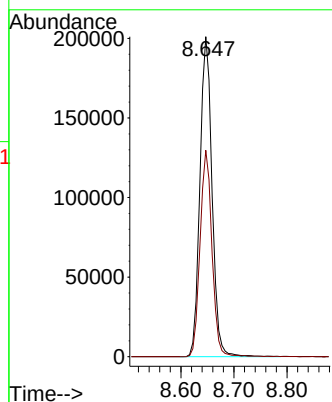
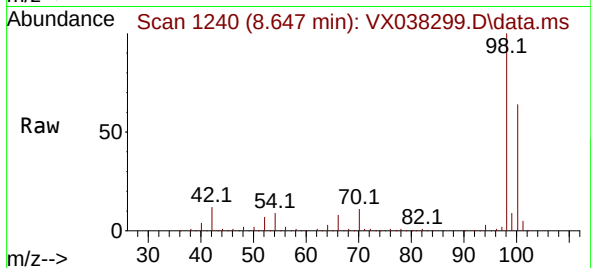
VIBLK

Tgt Ion: 98 Resp: 317635

Ion Ratio Lower Upper

98 100

100 63.6 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 47.538 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX038299.D

Acq: 16 Oct 2023 13:24

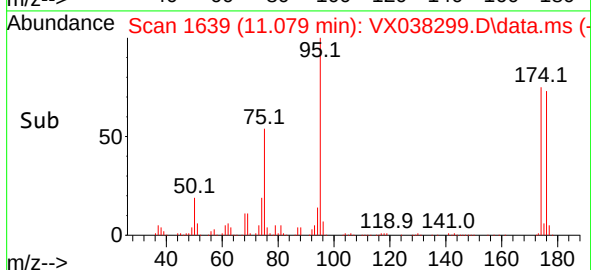
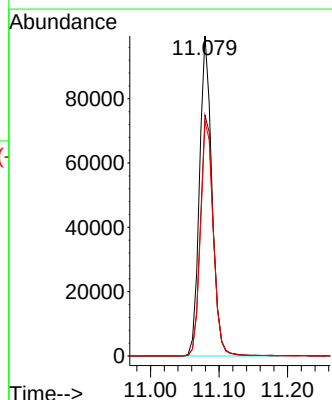
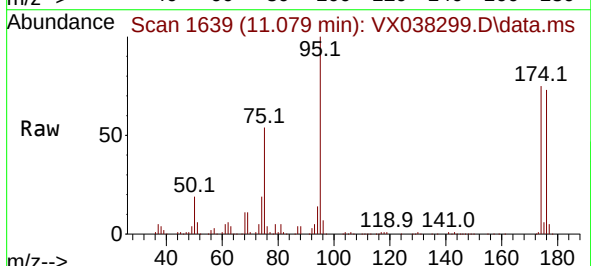
Tgt Ion: 95 Resp: 125574

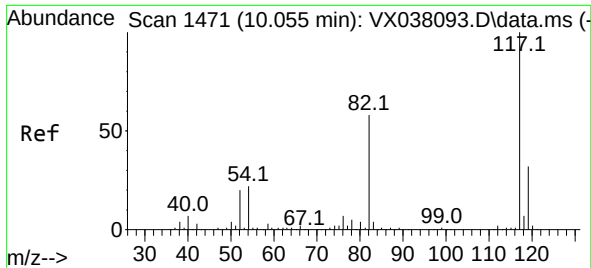
Ion Ratio Lower Upper

95 100

174 78.1 0.0 135.6

176 75.5 0.0 131.0

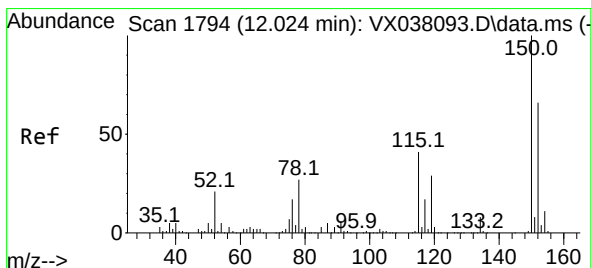
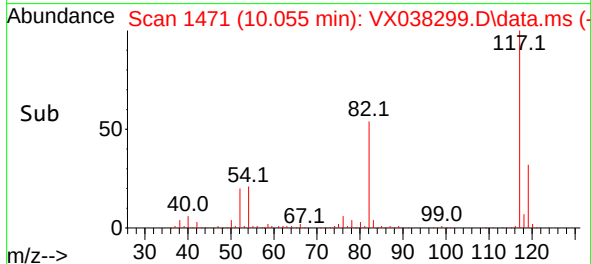
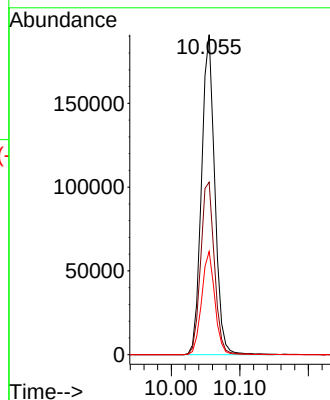
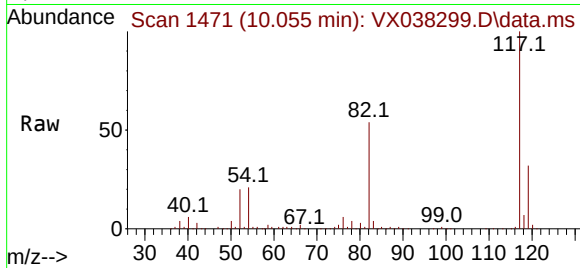




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038299.D
Acq: 16 Oct 2023 13:24

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 257600
Ion Ratio Lower Upper
117 100
82 53.9 46.2 69.4
119 32.2 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: VX038299.D
Acq: 16 Oct 2023 13:24

Tgt Ion:152 Resp: 136588
Ion Ratio Lower Upper
152 100
115 61.4 43.3 129.9
150 158.7 0.0 345.0

