

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100623\
 Data File : VX038128.D
 Acq On : 06 Oct 2023 14:11
 Operator : JC/MD
 Sample : 04767-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-1

Quant Time: Oct 07 04:20:08 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	5.556	168	100589	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	180457	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	181539	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89767	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	75474	46.649	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.300%
35) Dibromofluoromethane	5.391	113	58232	44.783	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.560%
50) Toluene-d8	8.653	98	226346	45.554	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.100%#
62) 4-Bromofluorobenzene	11.079	95	83931	44.556	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.120%

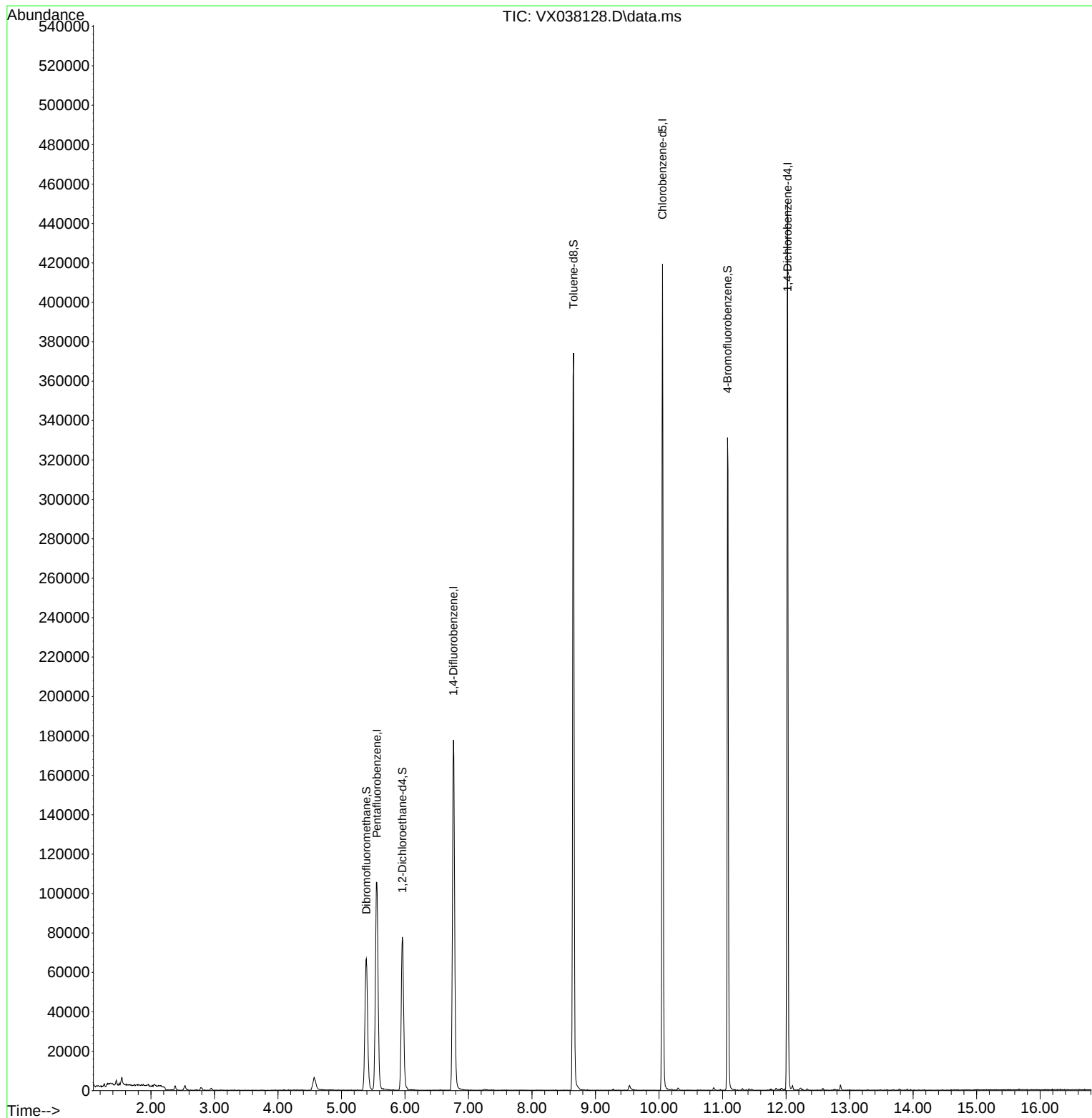
Target Compounds	Qvalue

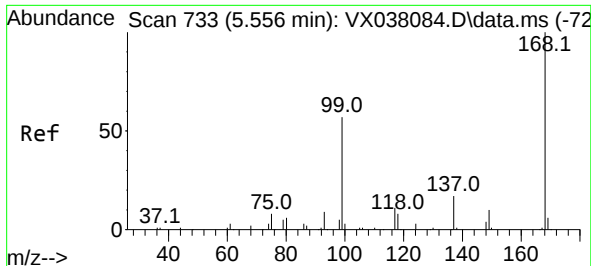
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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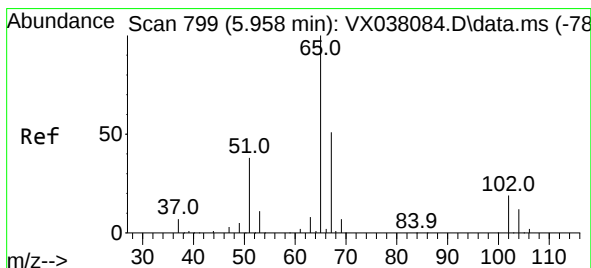
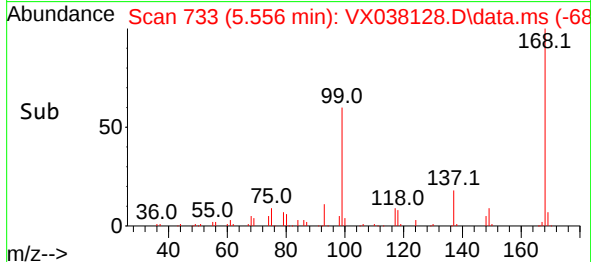
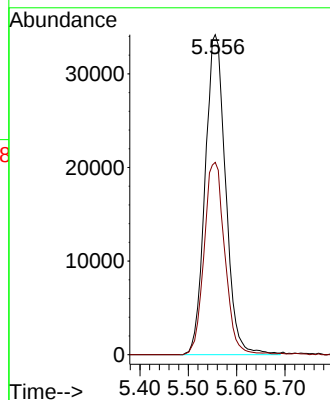
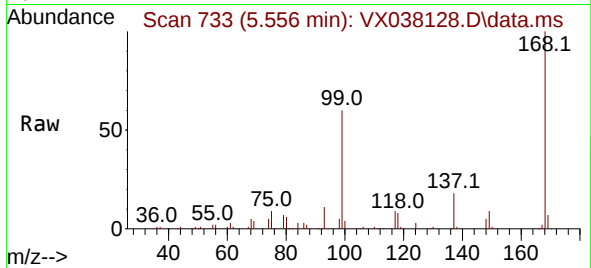




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.000 min
Lab File: VX038128.D
Acq: 06 Oct 2023 14:11

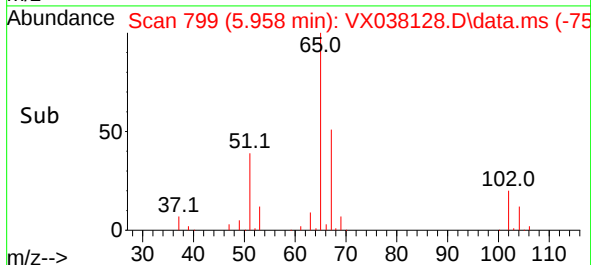
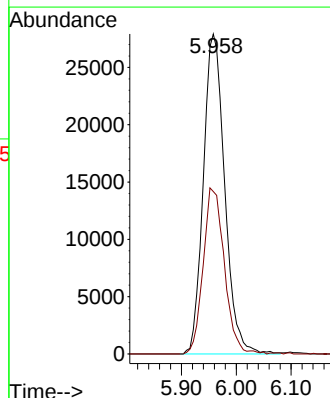
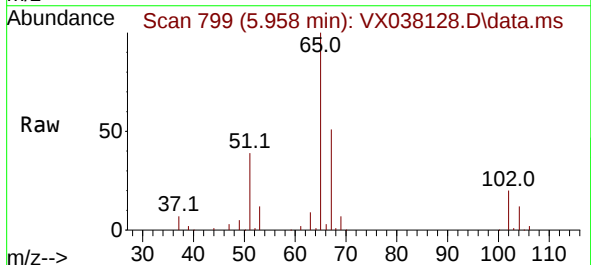
Instrument :
MSVOA_X
ClientSampleId :
EB-1

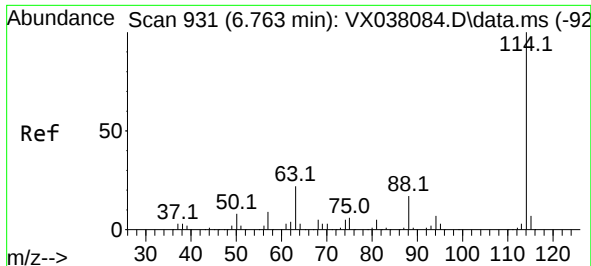
Tgt Ion:168 Resp: 100589
Ion Ratio Lower Upper
168 100
99 60.1 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 46.649 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038128.D
Acq: 06 Oct 2023 14:11

Tgt Ion: 65 Resp: 75474
Ion Ratio Lower Upper
65 100
67 51.4 0.0 100.2

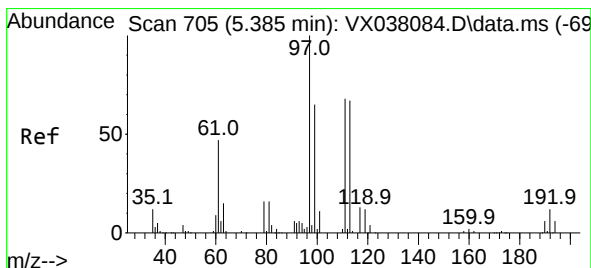
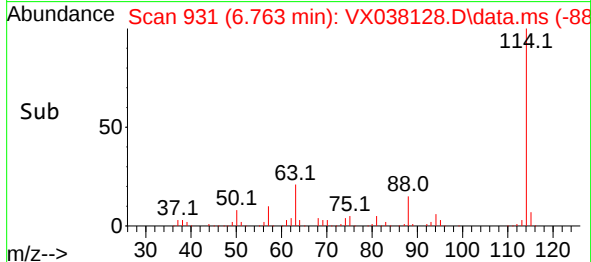
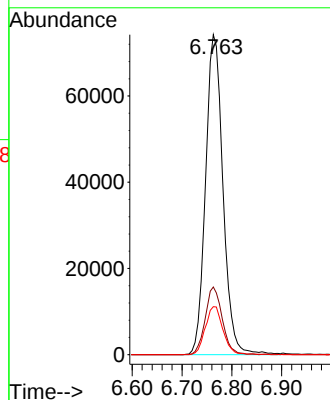
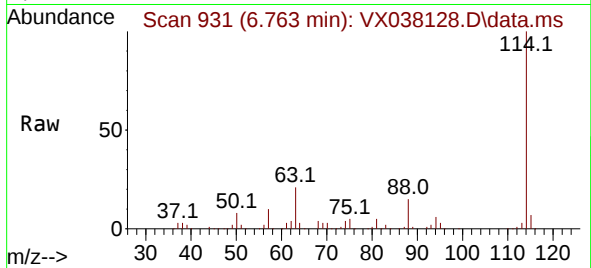




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038128.D
Acq: 06 Oct 2023 14:11

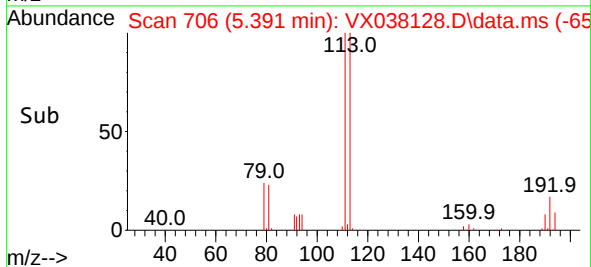
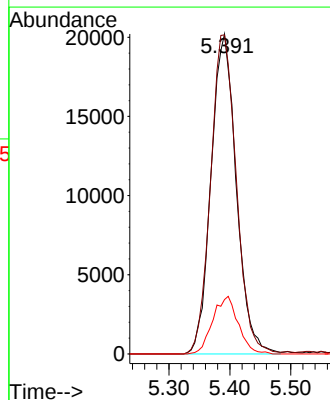
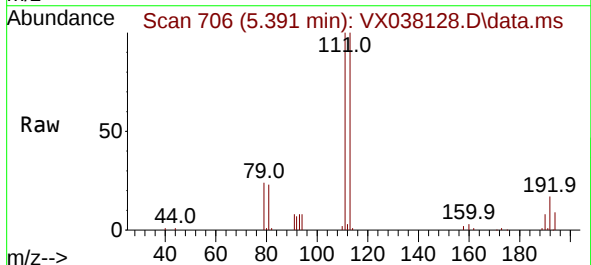
Instrument :
MSVOA_X
ClientSampleId :
EB-1

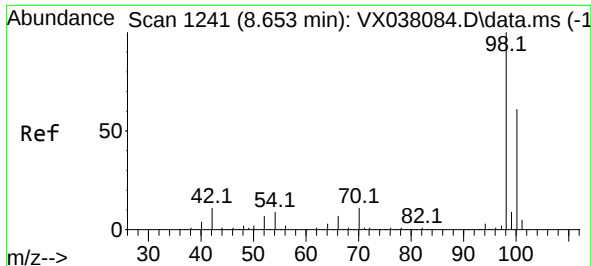
Tgt Ion:114 Resp: 180457
Ion Ratio Lower Upper
114 100
63 21.1 0.0 45.0
88 15.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.783 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038128.D
Acq: 06 Oct 2023 14:11

Tgt Ion:113 Resp: 58232
Ion Ratio Lower Upper
113 100
111 101.6 82.9 124.3
192 18.2 13.3 19.9





#50

Toluene-d8

Concen: 45.554 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX038128.D

Acq: 06 Oct 2023 14:11

Instrument :

MSVOA_X

ClientSampleId :

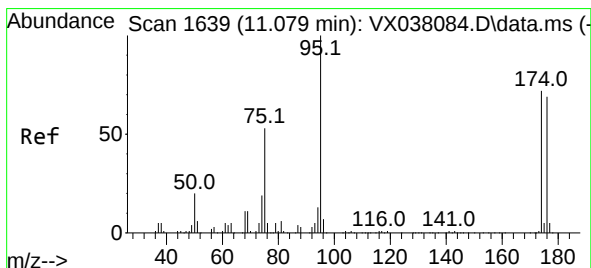
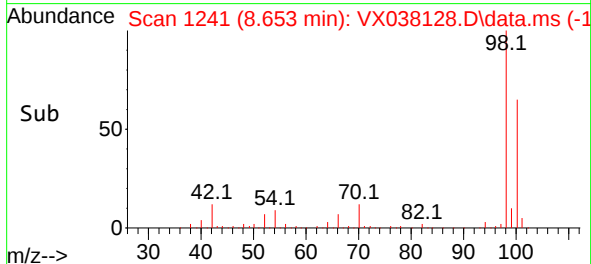
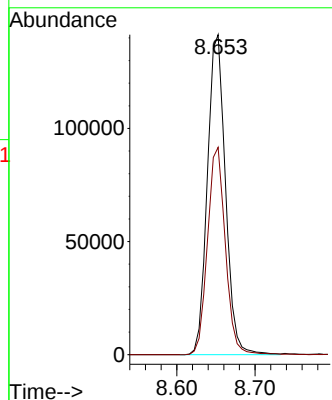
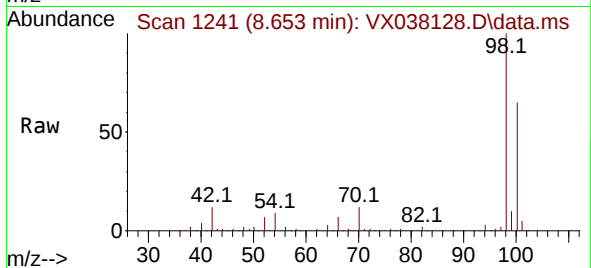
EB-1

Tgt Ion: 98 Resp: 226346

Ion Ratio Lower Upper

98 100

100 64.2 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 44.556 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX038128.D

Acq: 06 Oct 2023 14:11

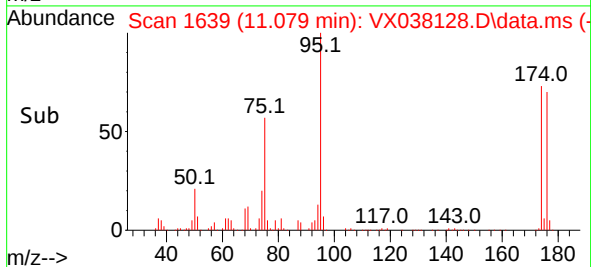
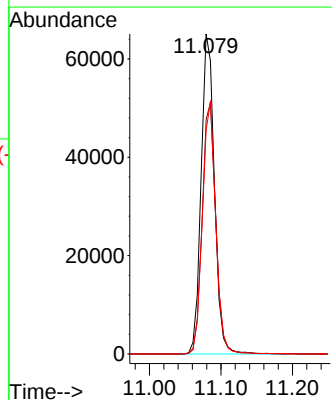
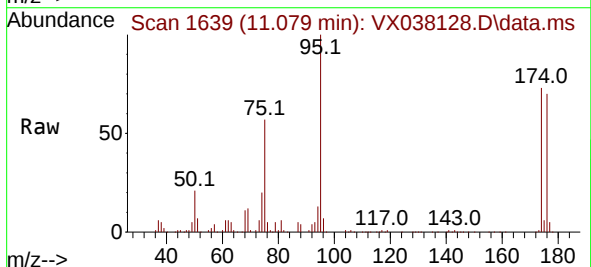
Tgt Ion: 95 Resp: 83931

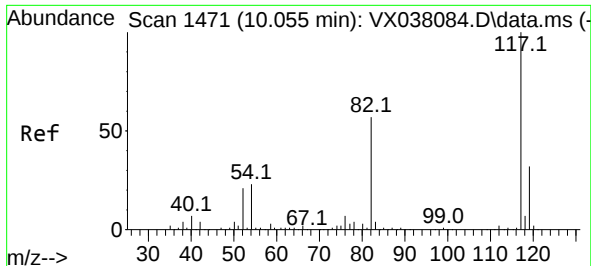
Ion Ratio Lower Upper

95 100

174 80.2 0.0 135.6

176 79.1 0.0 131.0

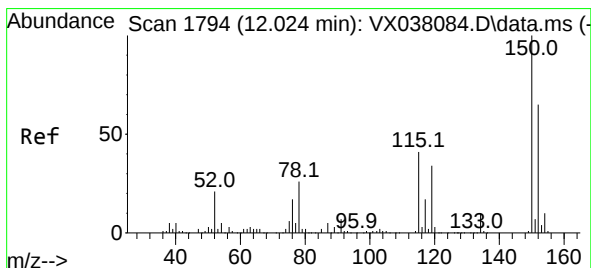
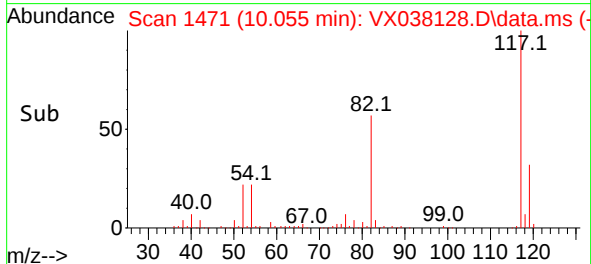
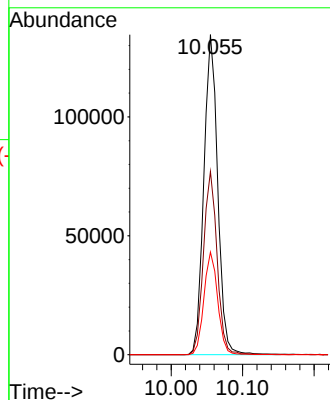
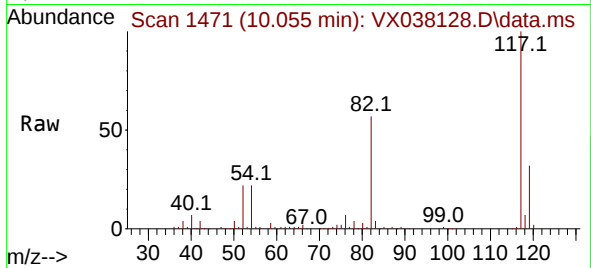




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038128.D
Acq: 06 Oct 2023 14:11

Instrument :
MSVOA_X
ClientSampleId :
EB-1

Tgt Ion:117 Resp: 181539
Ion Ratio Lower Upper
117 100
82 57.2 46.2 69.4
119 32.1 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: VX038128.D
Acq: 06 Oct 2023 14:11

Tgt Ion:152 Resp: 89767
Ion Ratio Lower Upper
152 100
115 61.5 43.3 129.9
150 159.7 0.0 345.0

