

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122223\
 Data File : VX039447.D
 Acq On : 22 Dec 2023 17:58
 Operator : JC/MD
 Sample : 05966-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COLTO

Quant Time: Dec 23 06:28:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	97832	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	212212	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	221838	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	113442	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	91521	51.066	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.140%	
35) Dibromofluoromethane	5.385	113	70728	48.244	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.480%	
50) Toluene-d8	8.647	98	269111	49.443	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.880%	
62) 4-Bromofluorobenzene	11.079	95	121168	53.956	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 107.920%	

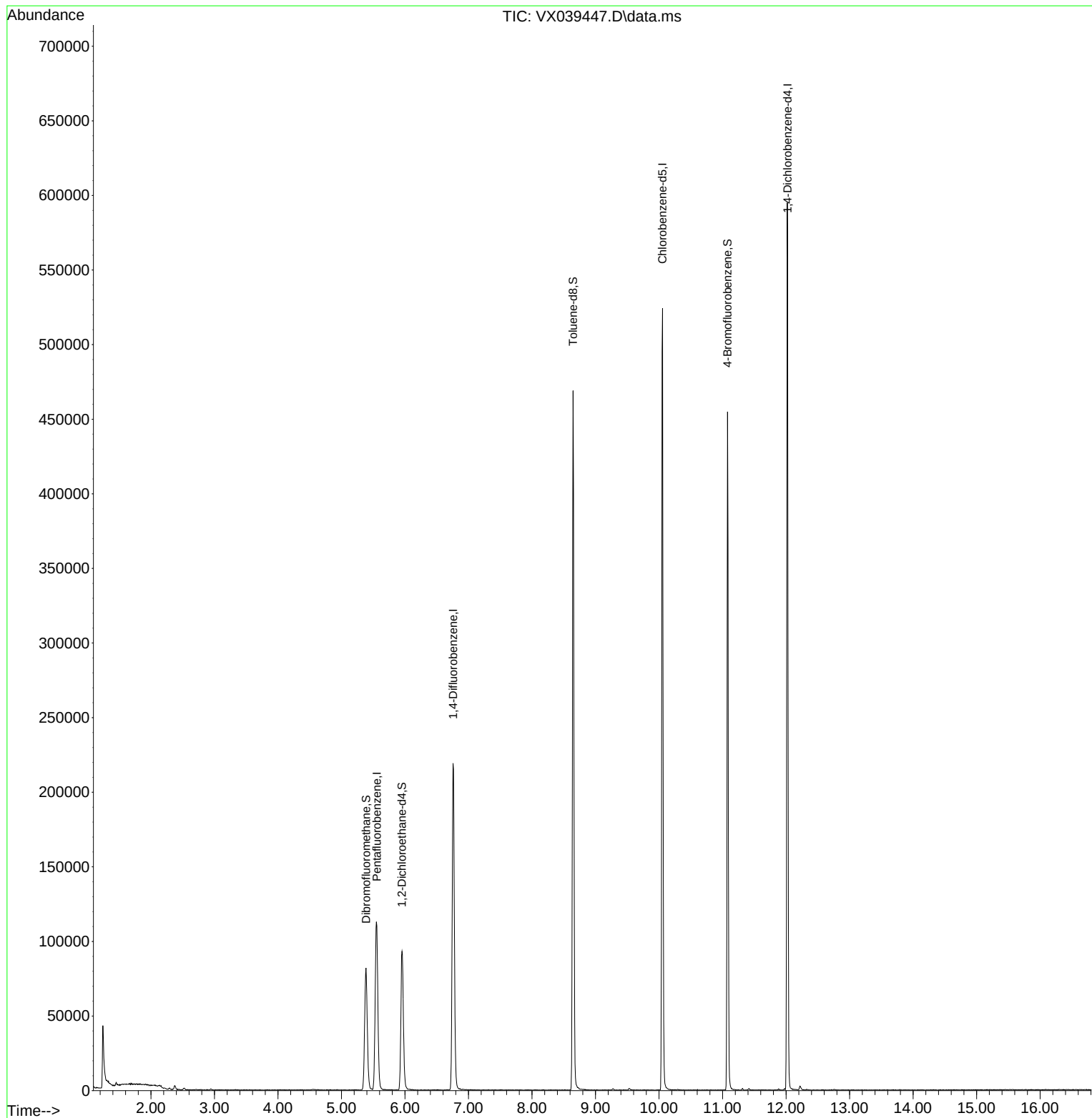
Target Compounds	Qvalue

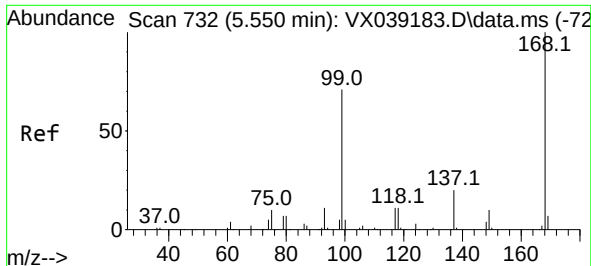
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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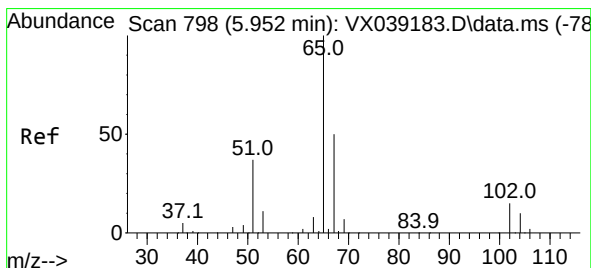
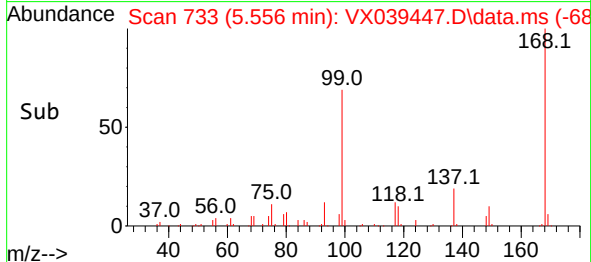
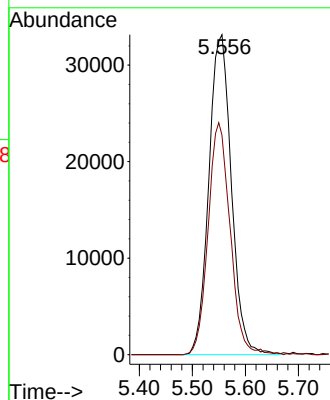
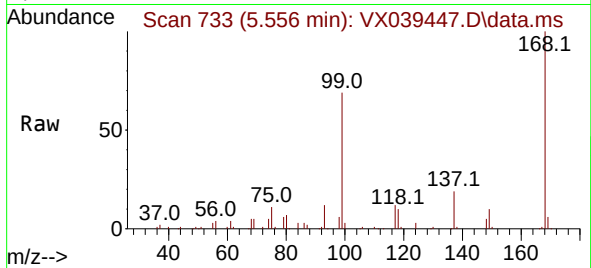




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX039447.D
Acq: 22 Dec 2023 17:58

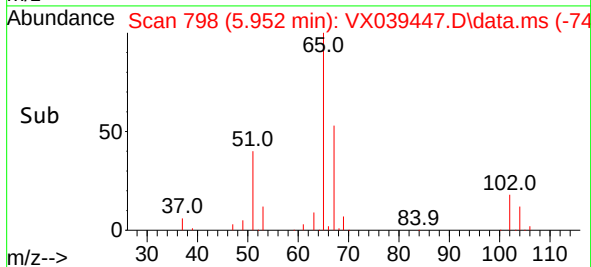
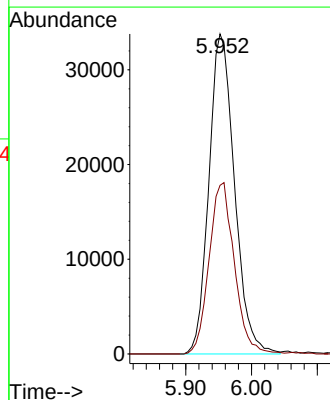
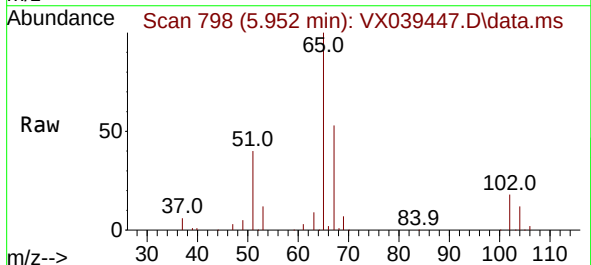
Instrument :
MSVOA_X
ClientSampleId :
COLT0

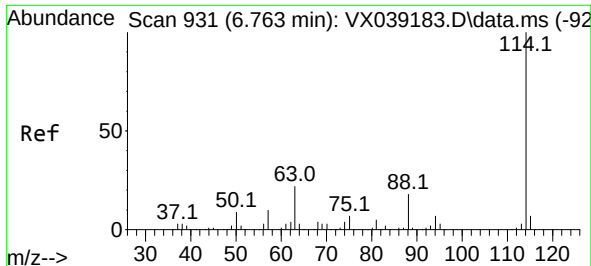
Tgt Ion:168 Resp: 97832
Ion Ratio Lower Upper
168 100
99 68.6 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 51.066 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039447.D
Acq: 22 Dec 2023 17:58

Tgt Ion: 65 Resp: 91521
Ion Ratio Lower Upper
65 100
67 52.8 0.0 100.2

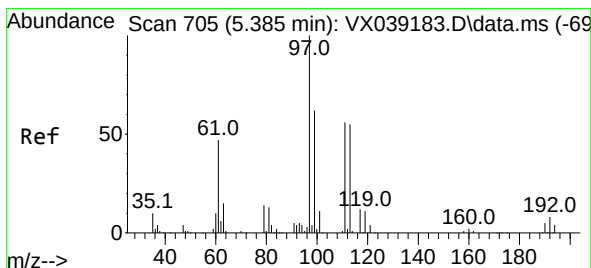
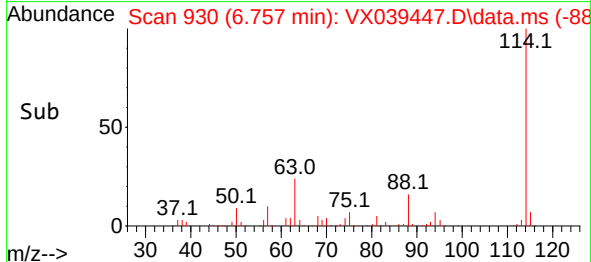
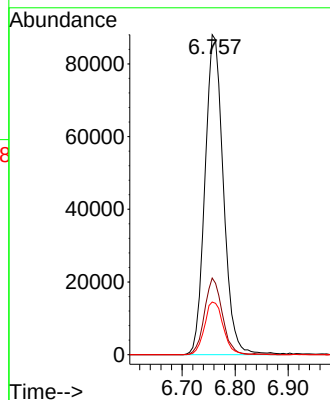
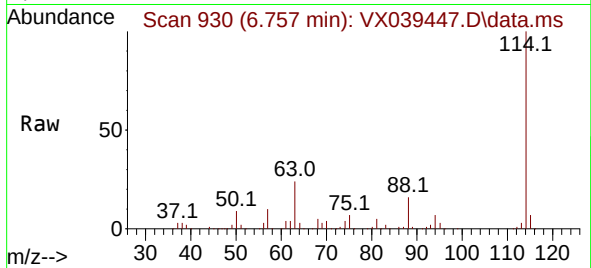




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX039447.D
Acq: 22 Dec 2023 17:58

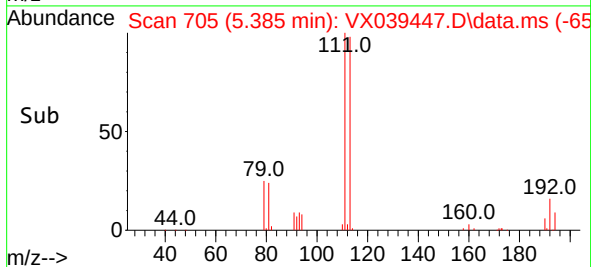
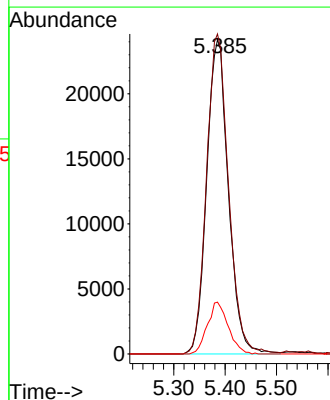
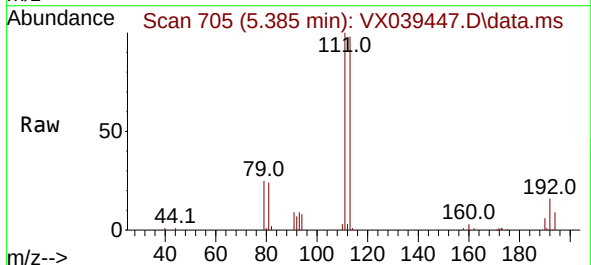
Instrument :
MSVOA_X
ClientSampleId :
COLT0

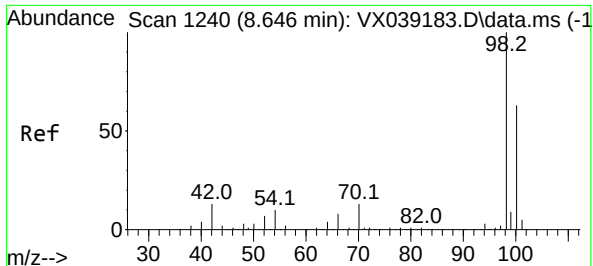
Tgt Ion:114 Resp: 212212
Ion Ratio Lower Upper
114 100
63 24.0 0.0 45.0
88 16.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.244 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039447.D
Acq: 22 Dec 2023 17:58

Tgt Ion:113 Resp: 70728
Ion Ratio Lower Upper
113 100
111 103.4 82.9 124.3
192 15.8 13.3 19.9





#50

Toluene-d8

Concen: 49.443 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039447.D

Acq: 22 Dec 2023 17:58

Instrument :

MSVOA_X

ClientSampleId :

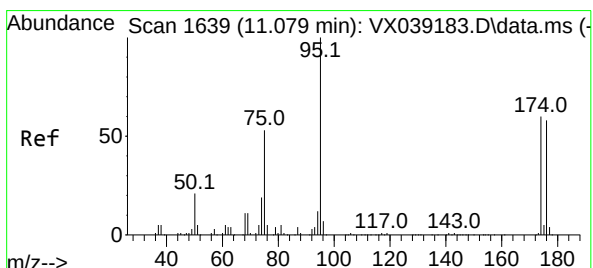
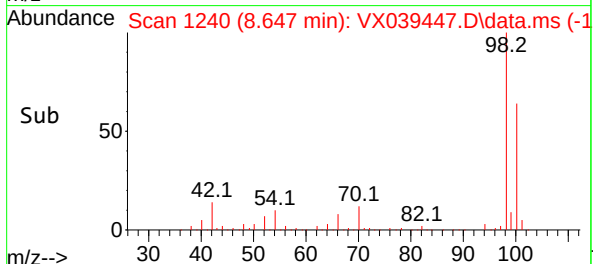
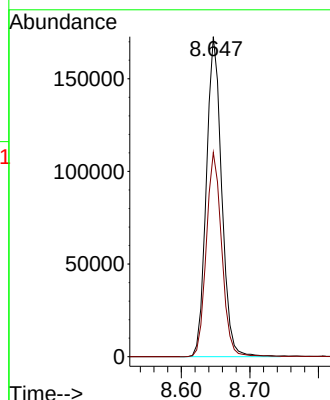
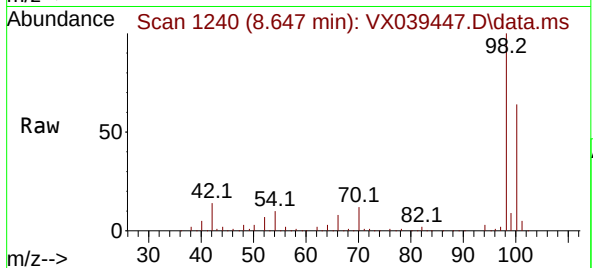
COLT0

Tgt Ion: 98 Resp: 269111

Ion Ratio Lower Upper

98 100

100 64.2 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 53.956 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX039447.D

Acq: 22 Dec 2023 17:58

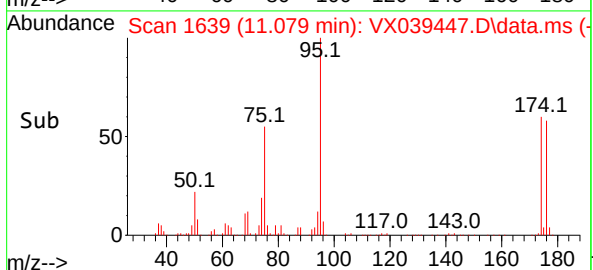
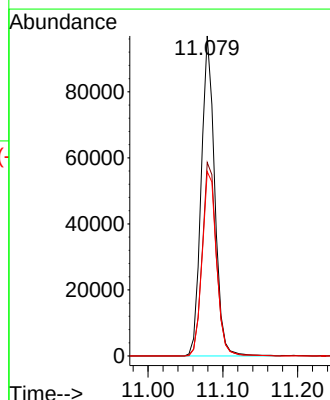
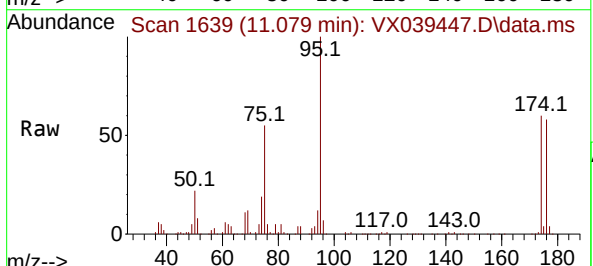
Tgt Ion: 95 Resp: 121168

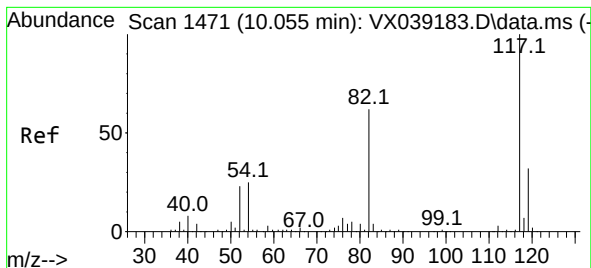
Ion Ratio Lower Upper

95 100

174 63.4 0.0 135.6

176 61.4 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: VX039447.D

Acq: 22 Dec 2023 17:58

Instrument :

MSVOA_X

ClientSampleId :

COLTO

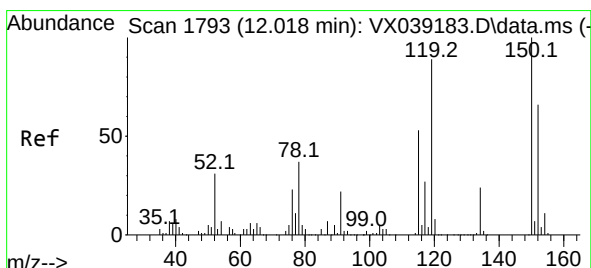
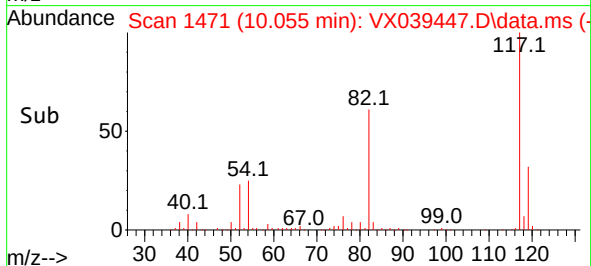
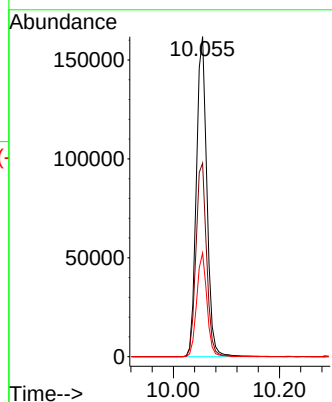
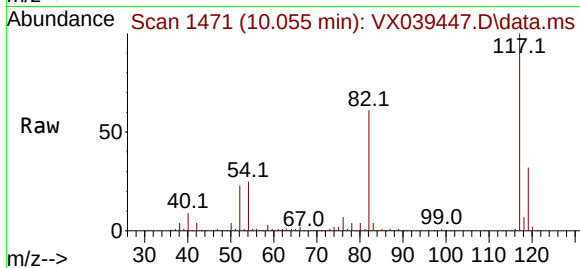
Tgt Ion:117 Resp: 221838

Ion Ratio Lower Upper

117 100

82 60.5 46.2 69.4

119 32.4 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX039447.D

Acq: 22 Dec 2023 17:58

Tgt Ion:152 Resp: 113442

Ion Ratio Lower Upper

152 100

115 66.9 43.3 129.9

150 157.2 0.0 345.0

