

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122623\
 Data File : VX039472.D
 Acq On : 26 Dec 2023 16:58
 Operator : JC/MD
 Sample : 06019-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAGEMENT

Quant Time: Dec 27 04:40:40 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	5.550	168	93719	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	193665	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	189509	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77484	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	80897	47.119	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.240%
35) Dibromofluoromethane	5.385	113	63338	47.340	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.680%
50) Toluene-d8	8.647	98	246098	49.546	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.100%
62) 4-Bromofluorobenzene	11.079	95	97956	47.797	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.600%

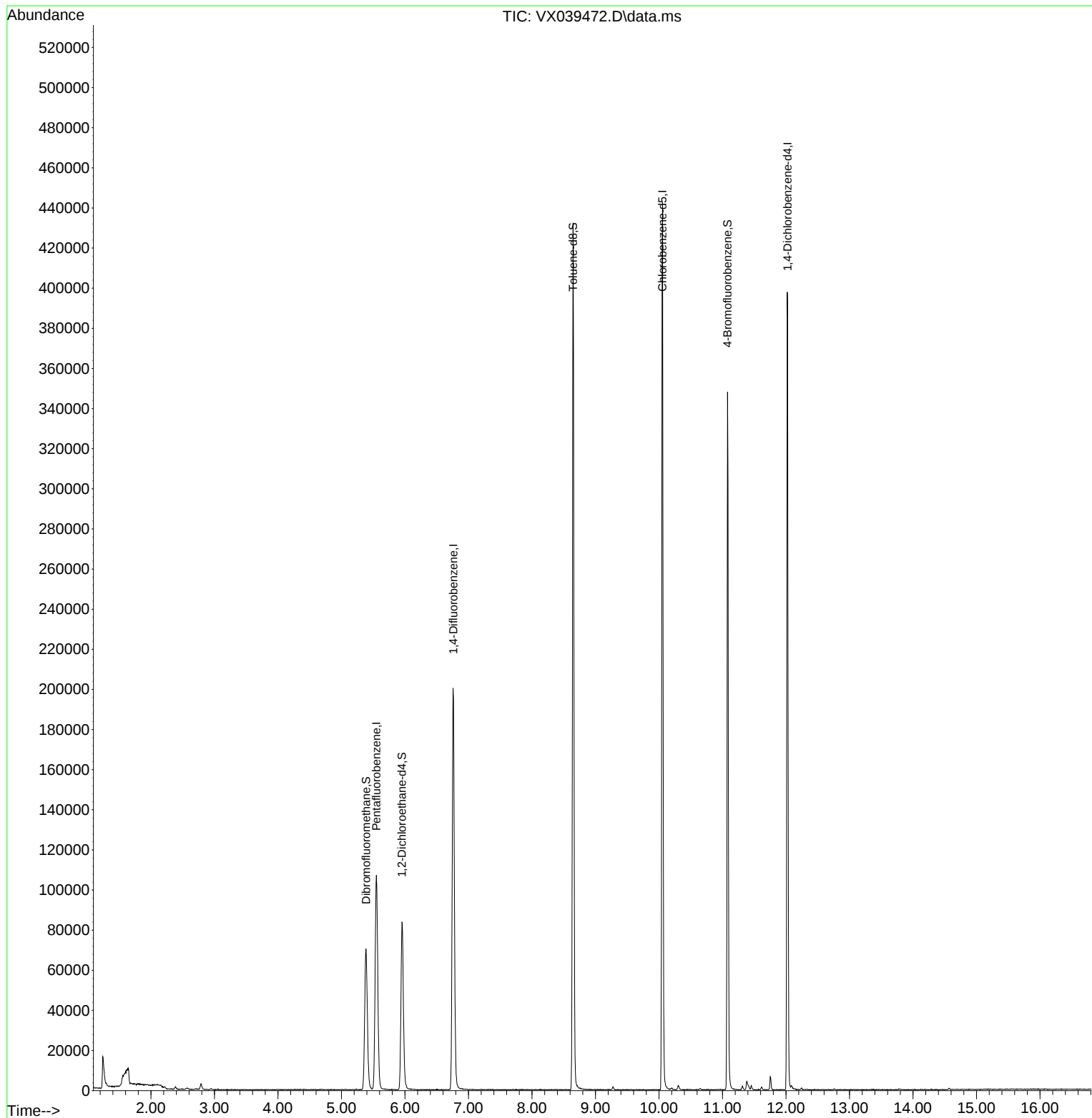
Target Compounds	Qvalue

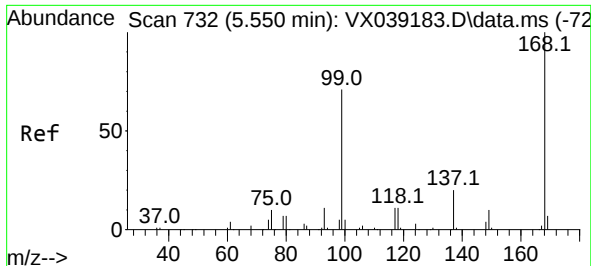
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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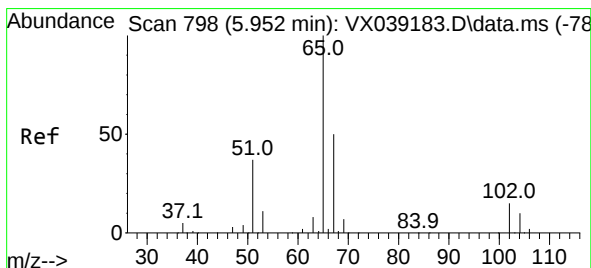
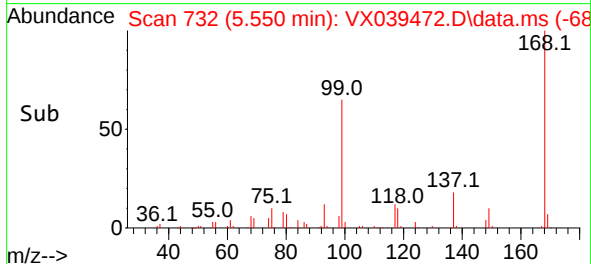
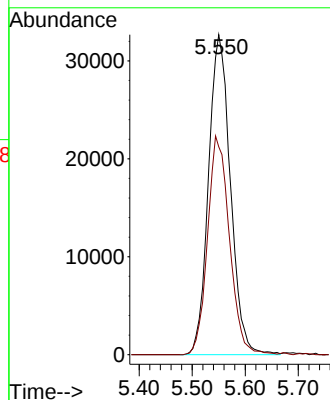
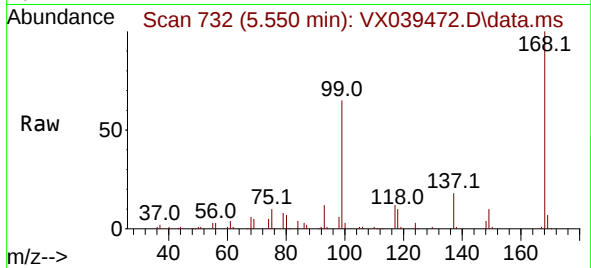




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX039472.D
Acq: 26 Dec 2023 16:58

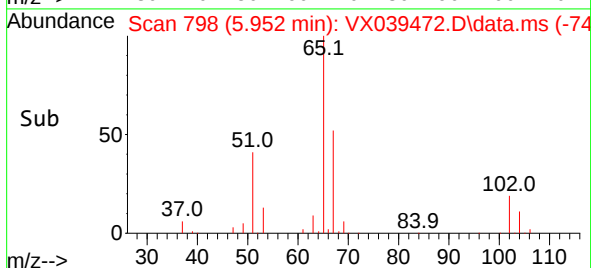
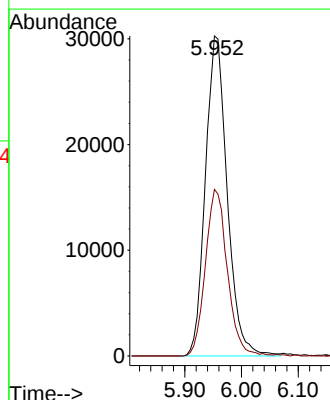
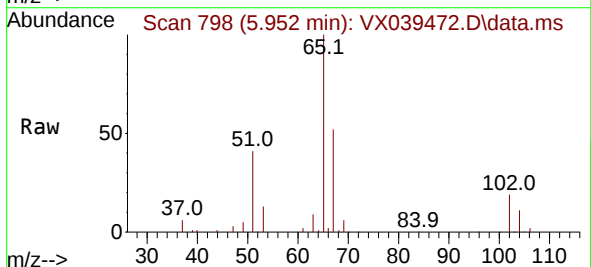
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

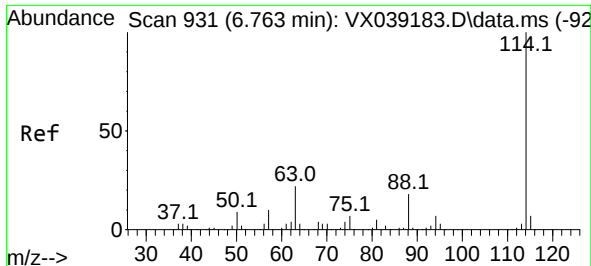
Tgt Ion:168 Resp: 93719
Ion Ratio Lower Upper
168 100
99 64.9 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 47.119 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039472.D
Acq: 26 Dec 2023 16:58

Tgt Ion: 65 Resp: 80897
Ion Ratio Lower Upper
65 100
67 52.3 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: VX039472.D

Acq: 26 Dec 2023 16:58

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAGEMENT

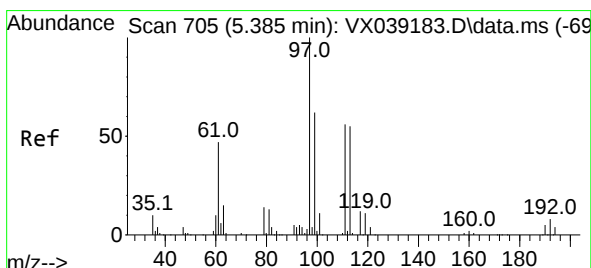
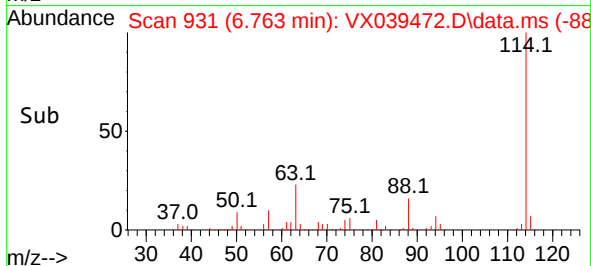
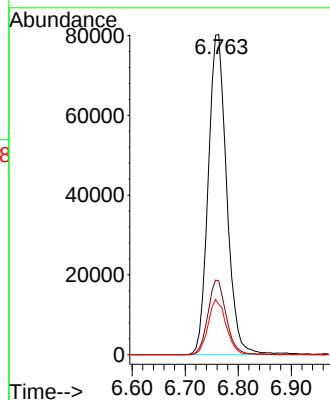
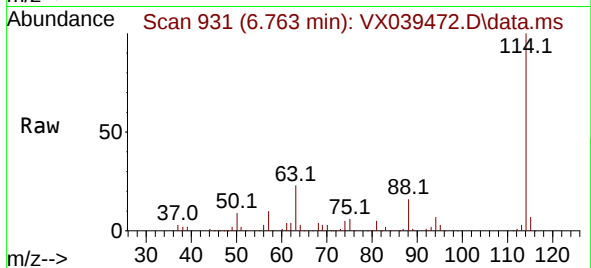
Tgt Ion:114 Resp: 193665

Ion Ratio Lower Upper

114 100

63 23.1 0.0 45.0

88 15.7 0.0 36.6



#35

Dibromofluoromethane

Concen: 47.340 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX039472.D

Acq: 26 Dec 2023 16:58

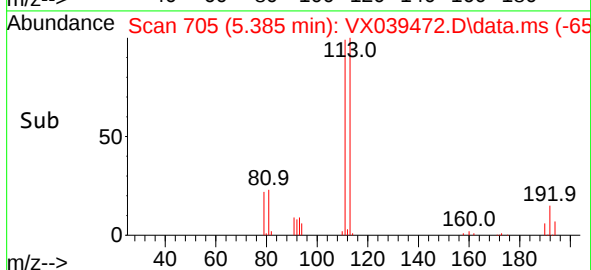
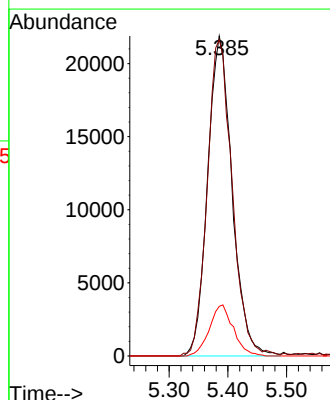
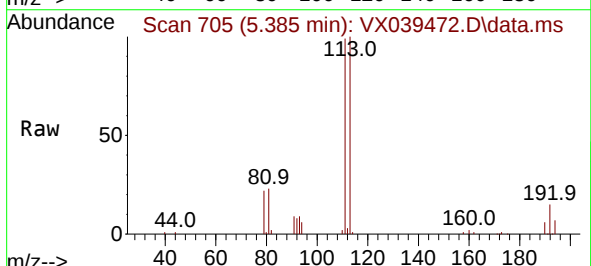
Tgt Ion:113 Resp: 63338

Ion Ratio Lower Upper

113 100

111 100.3 82.9 124.3

192 15.6 13.3 19.9

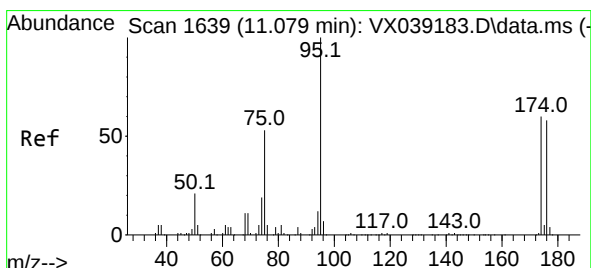
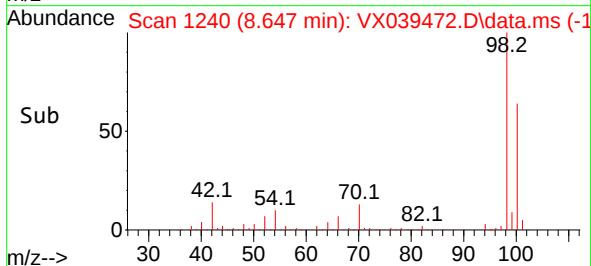
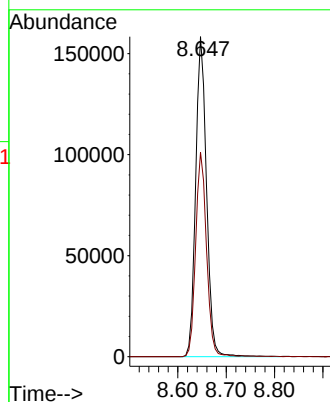
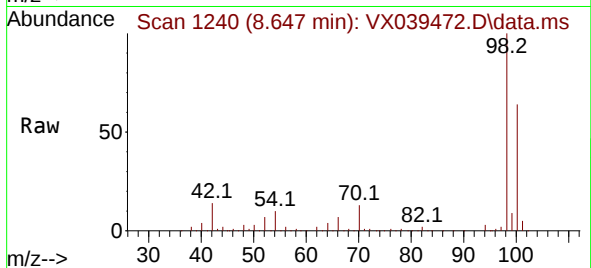




#50
Toluene-d8
Concen: 49.546 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039472.D
Acq: 26 Dec 2023 16:58

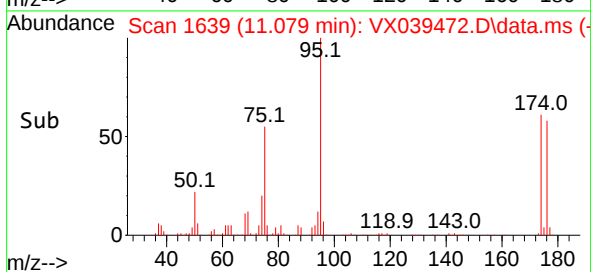
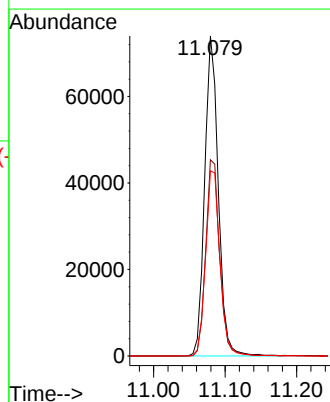
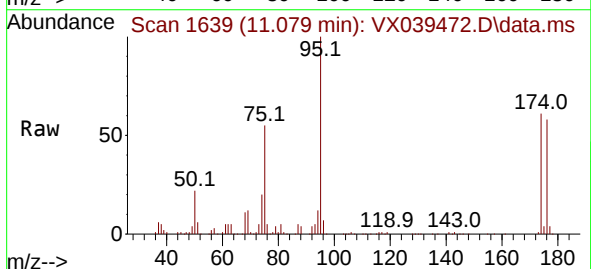
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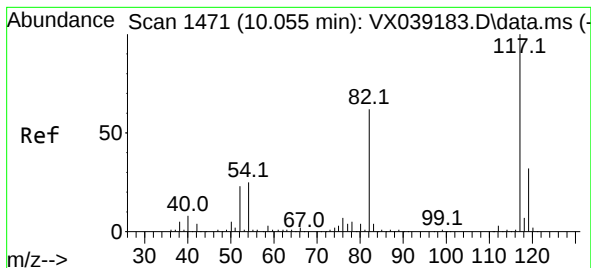
Tgt Ion: 98 Resp: 246098
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 47.797 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039472.D
Acq: 26 Dec 2023 16:58

Tgt Ion: 95 Resp: 97956
Ion Ratio Lower Upper
95 100
174 62.9 0.0 135.6
176 60.9 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: VX039472.D

Acq: 26 Dec 2023 16:58

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAGEMENT

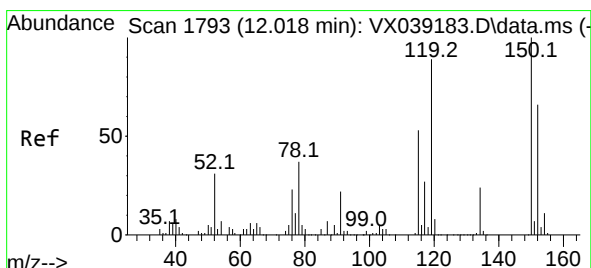
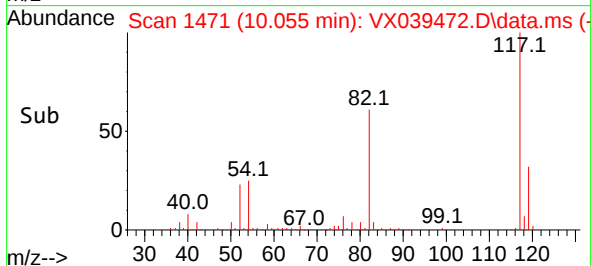
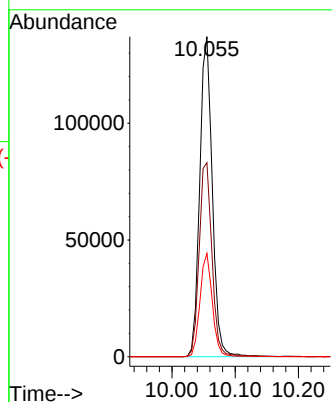
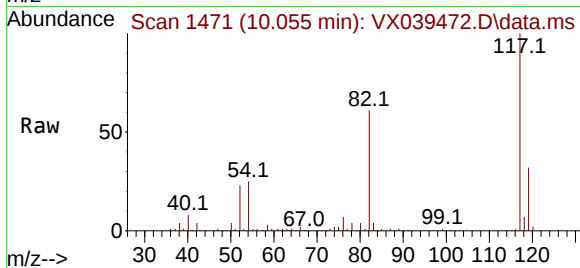
Tgt Ion:117 Resp: 189509

Ion Ratio Lower Upper

117 100

82 60.6 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. 0.007 min

Lab File: VX039472.D

Acq: 26 Dec 2023 16:58

Tgt Ion:152 Resp: 77484

Ion Ratio Lower Upper

152 100

115 65.5 43.3 129.9

150 157.4 0.0 345.0

