

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101923\
 Data File : VX038375.D
 Acq On : 19 Oct 2023 11:09
 Operator : JC/MD
 Sample : 04959-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-101823

Quant Time: Oct 20 03:37:41 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	124274	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	223394	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	231663	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	121987	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	88976	44.513	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.020%
35) Dibromofluoromethane	5.385	113	71647	44.510	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.020%
50) Toluene-d8	8.647	98	282784	45.973	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.940%#
62) 4-Bromofluorobenzene	11.079	95	108941	46.717	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.440%

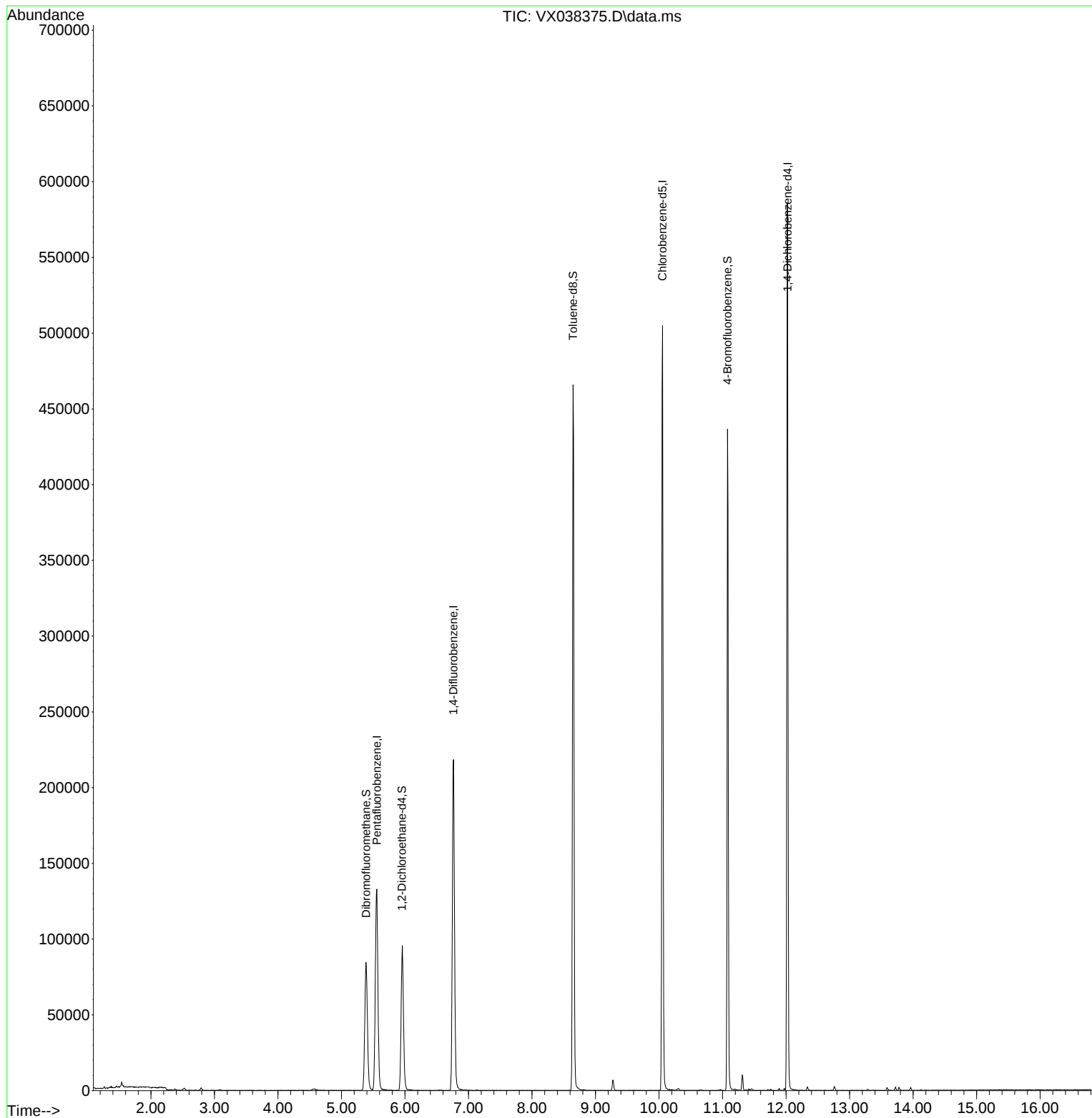
Target Compounds	Qvalue

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

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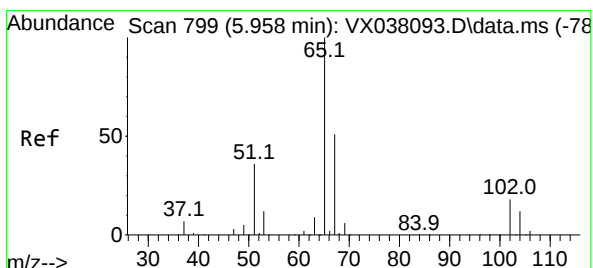
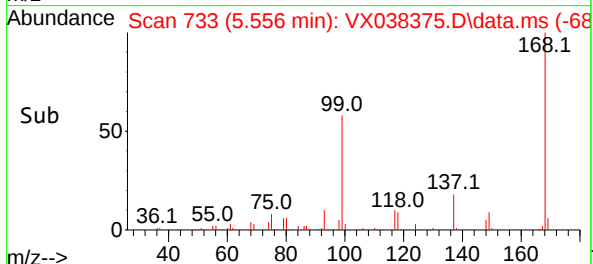
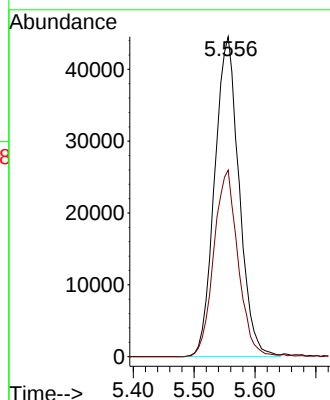
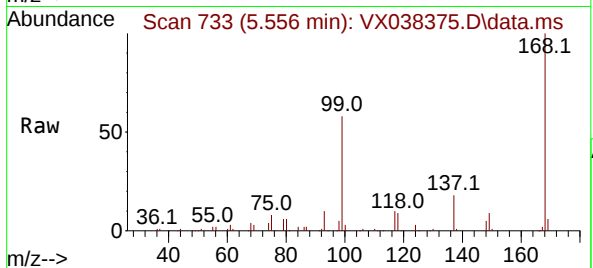




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038375.D
Acq: 19 Oct 2023 11:09

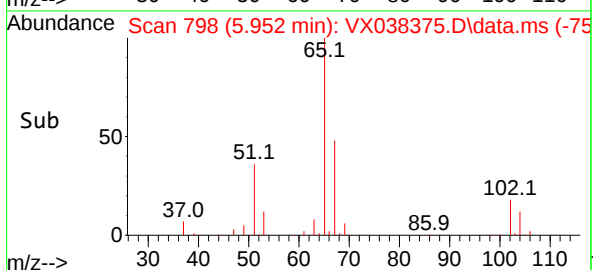
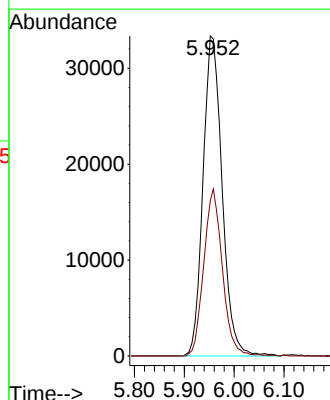
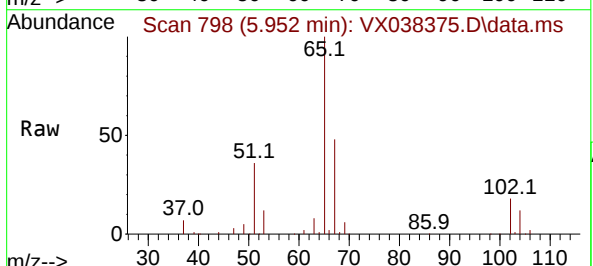
Instrument :
MSVOA_X
ClientSampleId :
TB-01-101823

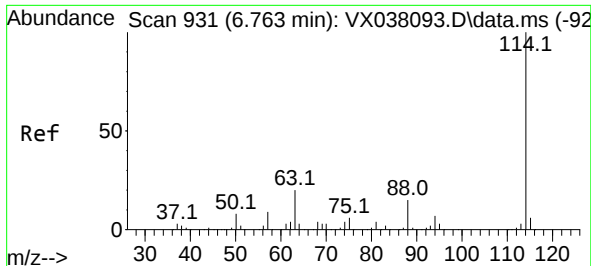
Tgt Ion:168 Resp: 124274
Ion Ratio Lower Upper
168 100
99 58.3 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 44.513 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX038375.D
Acq: 19 Oct 2023 11:09

Tgt Ion: 65 Resp: 88976
Ion Ratio Lower Upper
65 100
67 50.8 0.0 100.2

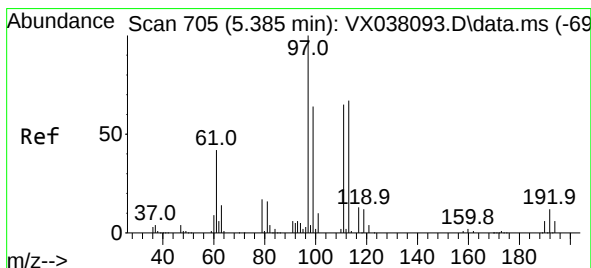
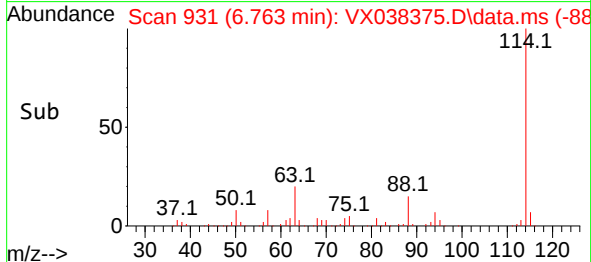
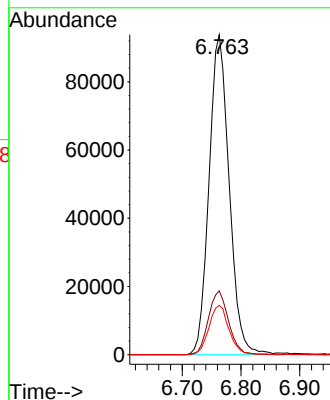
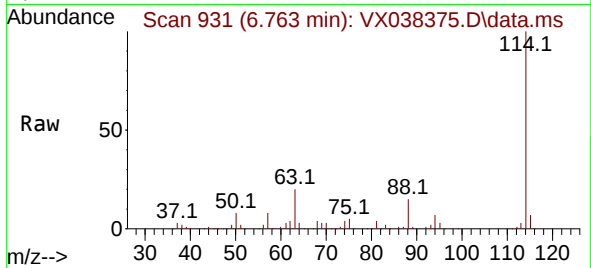




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX038375.D
Acq: 19 Oct 2023 11:09

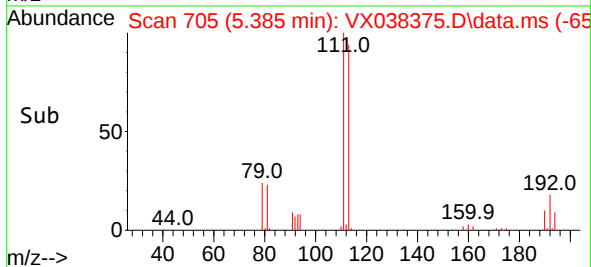
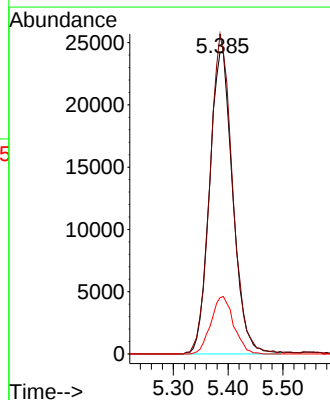
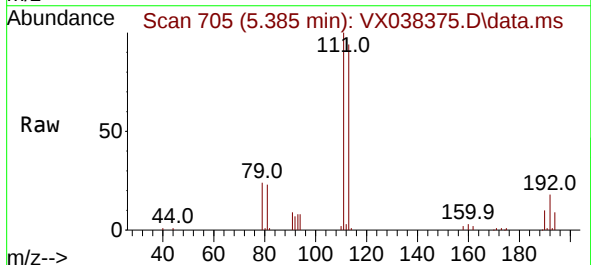
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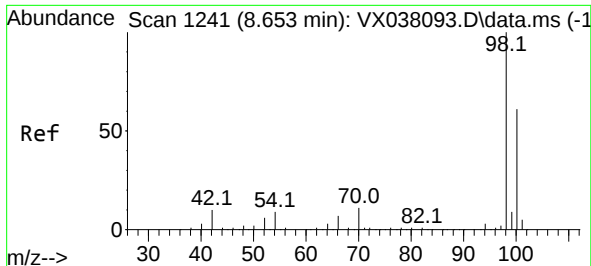
Tgt Ion:114 Resp: 223394
Ion Ratio Lower Upper
114 100
63 19.9 0.0 45.0
88 15.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.510 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038375.D
Acq: 19 Oct 2023 11:09

Tgt Ion:113 Resp: 71647
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 18.5 13.3 19.9

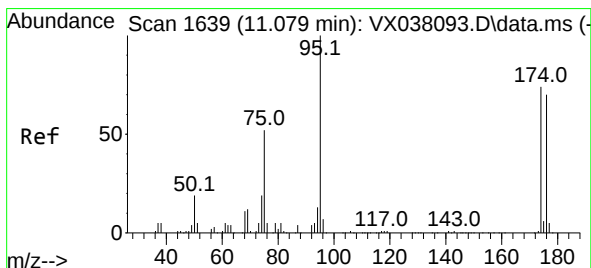
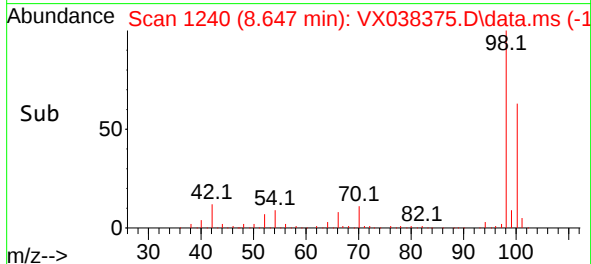
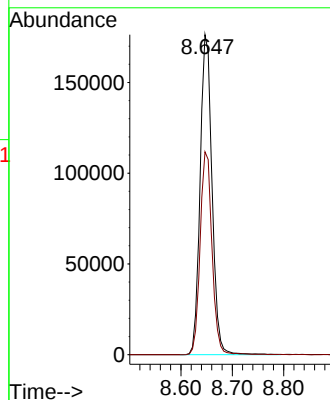
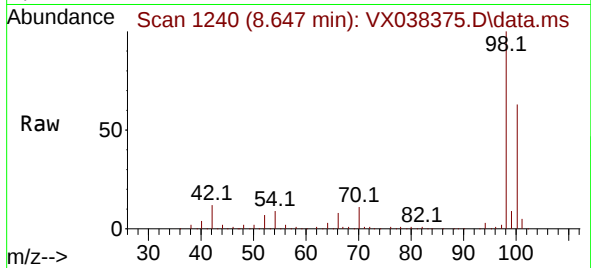




#50
Toluene-d8
Concen: 45.973 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038375.D
Acq: 19 Oct 2023 11:09

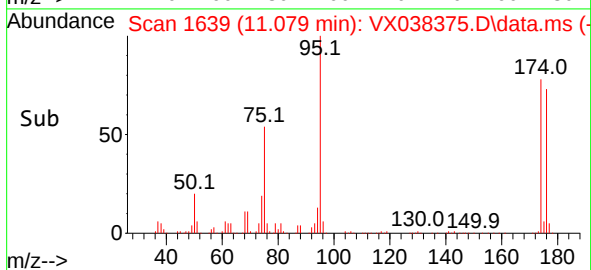
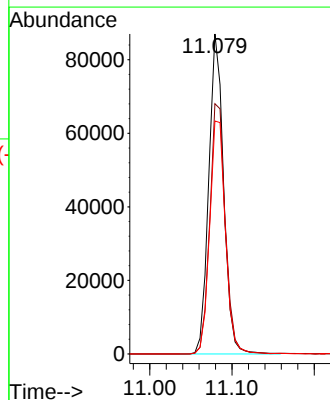
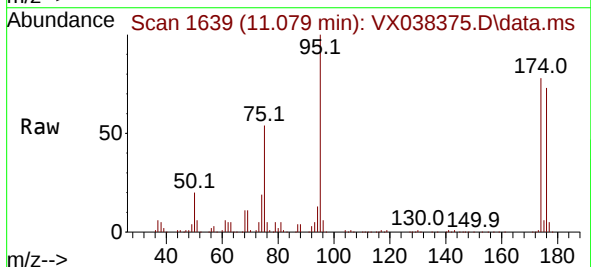
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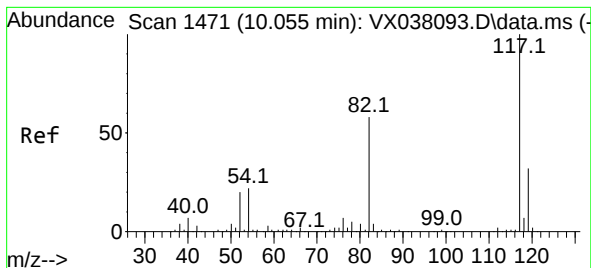
Tgt Ion: 98 Resp: 282784
Ion Ratio Lower Upper
98 100
100 63.4 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 46.717 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038375.D
Acq: 19 Oct 2023 11:09

Tgt Ion: 95 Resp: 108941
Ion Ratio Lower Upper
95 100
174 82.2 0.0 135.6
176 77.6 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: VX038375.D

Acq: 19 Oct 2023 11:09

Instrument :

MSVOA_X

ClientSampleId :

TB-01-101823

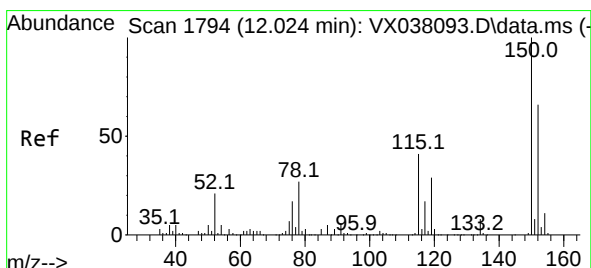
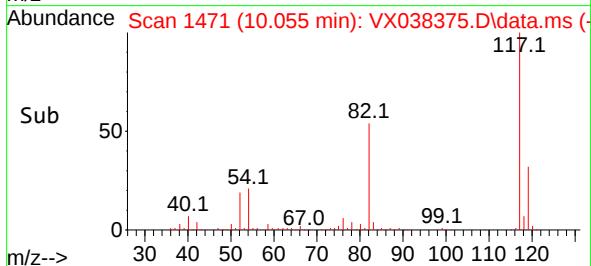
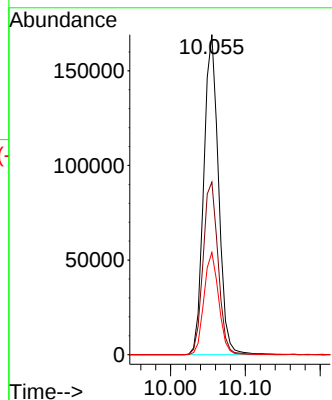
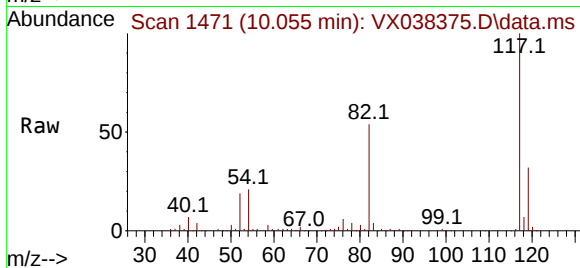
Tgt Ion:117 Resp: 231663

Ion Ratio Lower Upper

117 100

82 53.9 46.2 69.4

119 32.0 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: VX038375.D

Acq: 19 Oct 2023 11:09

Tgt Ion:152 Resp: 121987

Ion Ratio Lower Upper

152 100

115 60.4 43.3 129.9

150 156.2 0.0 345.0

