

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052423\
 Data File : VX035839.D
 Acq On : 24 May 2023 16:24
 Operator : JC/MD
 Sample : 02911-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB02-20230522

Quant Time: May 25 05:33:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	170858	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	300545	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	260134	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	124132	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	126313	42.377	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.760%
35) Dibromofluoromethane	5.385	113	95582	47.158	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.320%
50) Toluene-d8	8.647	98	329035	43.943	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	87.880%#
62) 4-Bromofluorobenzene	11.079	95	129780	43.046	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.100%

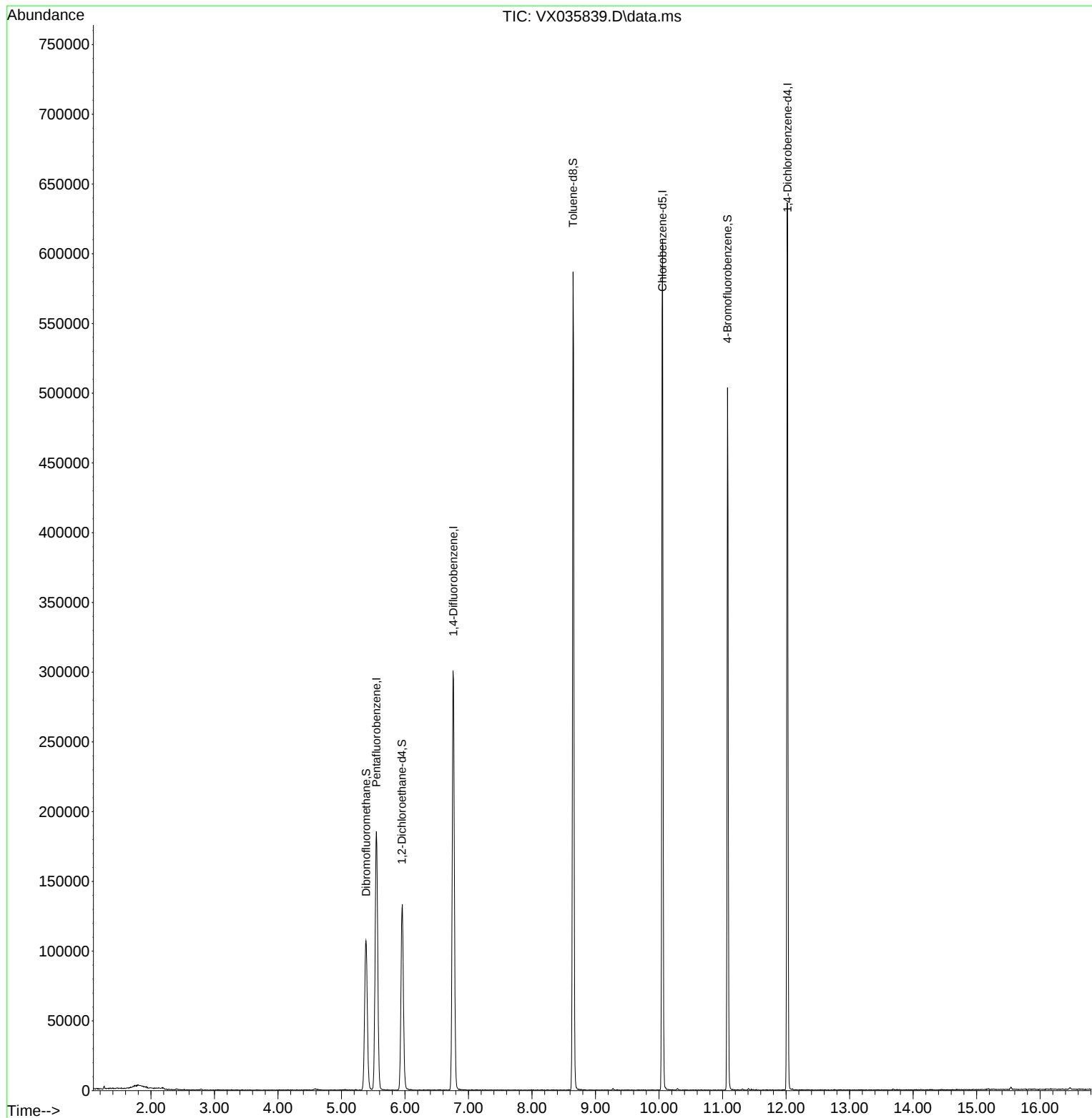
Target Compounds	Qvalue

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

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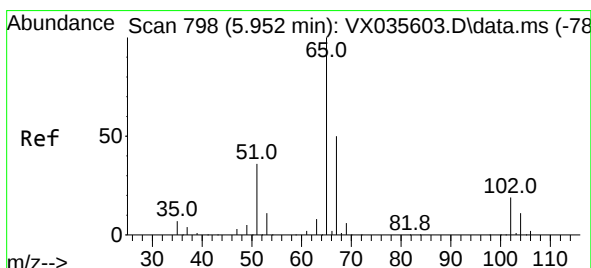
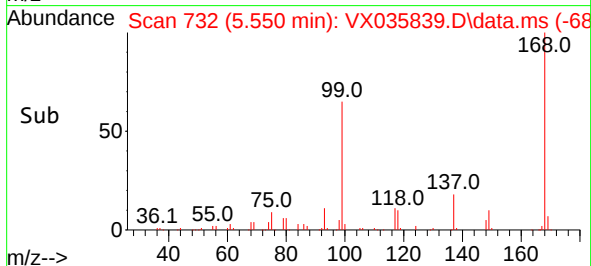
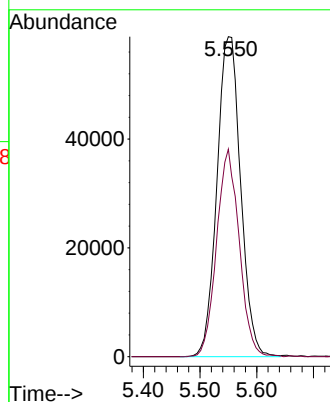
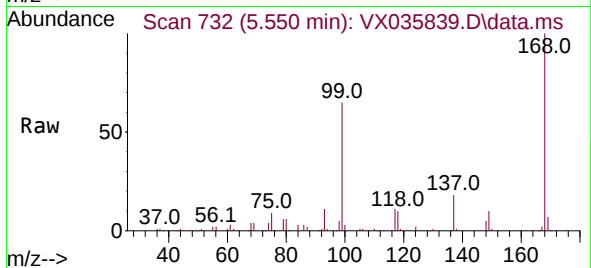




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.000 min
Lab File: VX035839.D
Acq: 24 May 2023 16:24

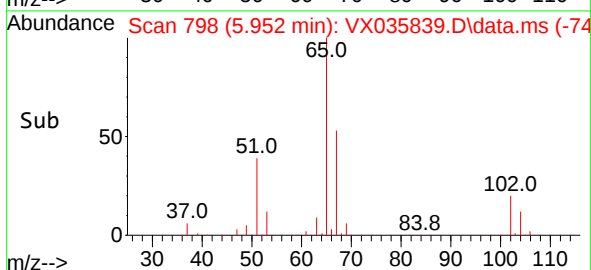
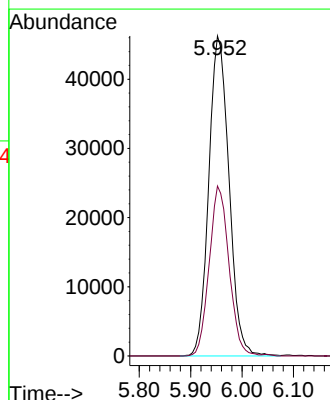
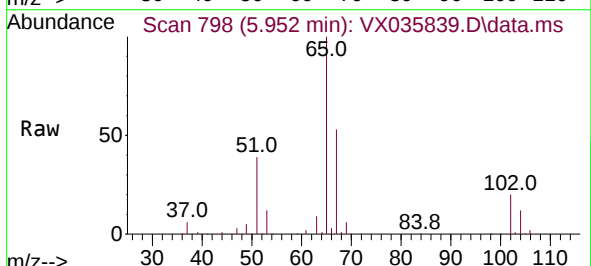
Instrument :
MSVOA_X
ClientSampleId :
TB02-20230522

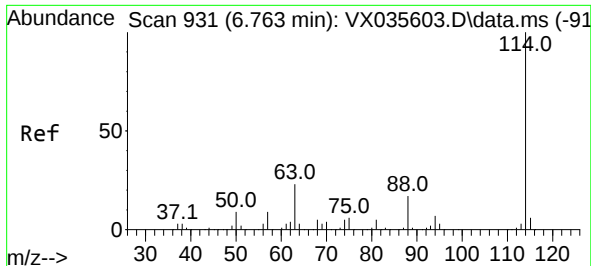
Tgt Ion:168 Resp: 170858
Ion Ratio Lower Upper
168 100
99 64.8 45.7 68.5



#33
1,2-Dichloroethane-d4
Concen: 42.377 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX035839.D
Acq: 24 May 2023 16:24

Tgt Ion: 65 Resp: 126313
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.0

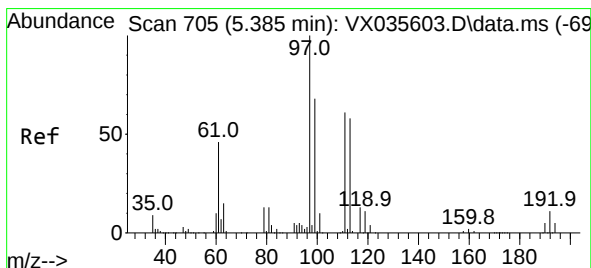
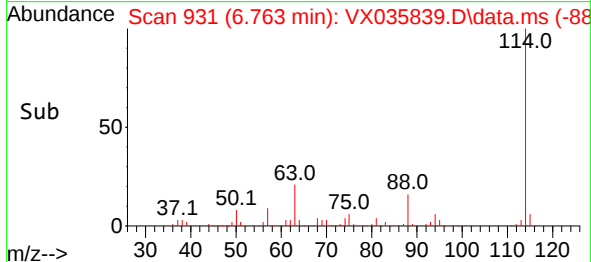
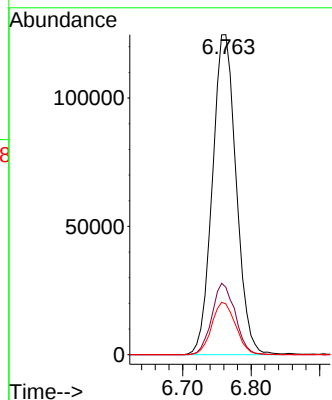
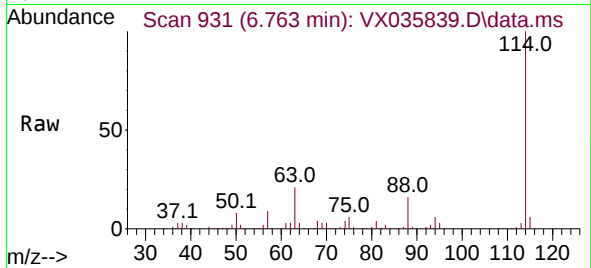




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX035839.D
Acq: 24 May 2023 16:24

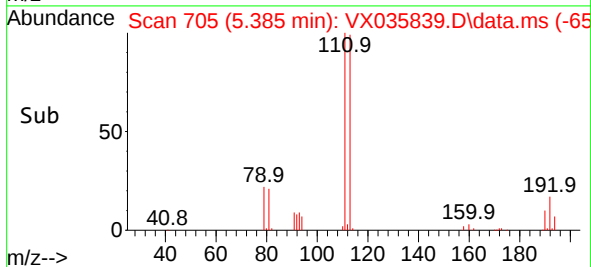
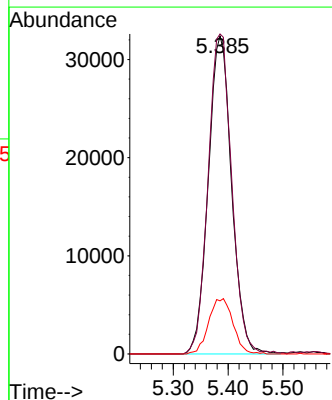
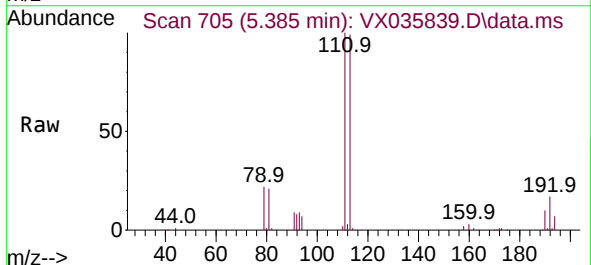
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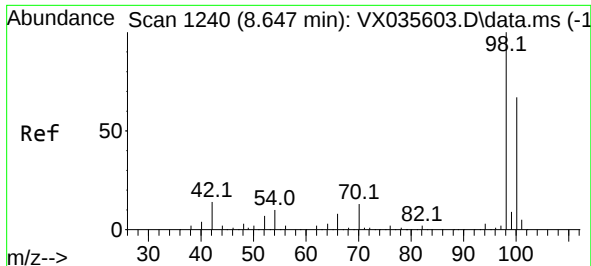
Tgt Ion:114 Resp: 300545
Ion Ratio Lower Upper
114 100
63 21.1 0.0 42.2
88 15.9 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.158 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035839.D
Acq: 24 May 2023 16:24

Tgt Ion:113 Resp: 95582
Ion Ratio Lower Upper
113 100
111 102.2 83.7 125.5
192 18.2 15.4 23.2

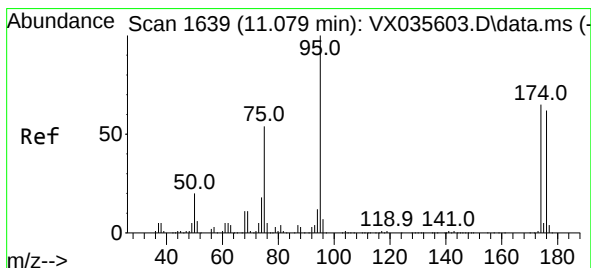
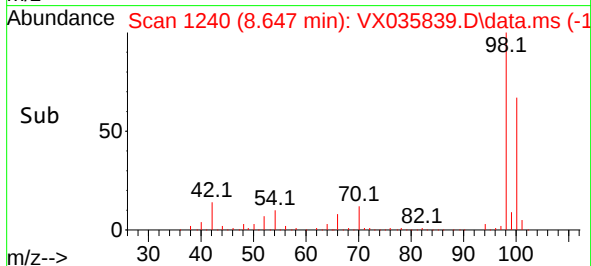
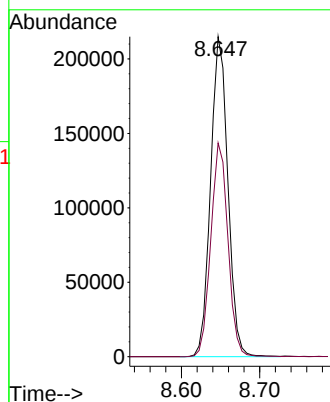
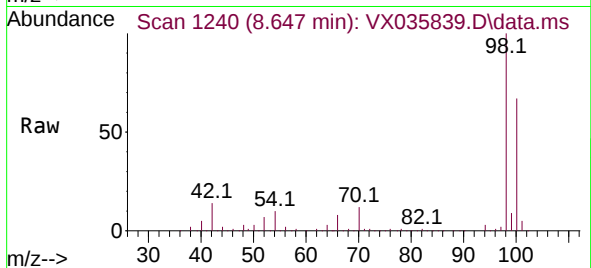




#50
Toluene-d8
Concen: 43.943 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035839.D
Acq: 24 May 2023 16:24

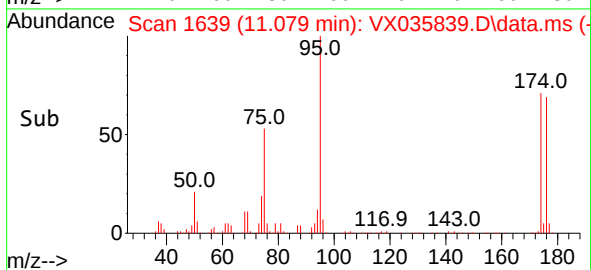
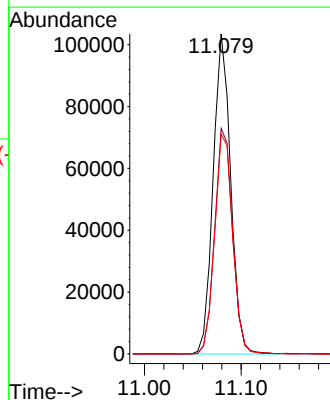
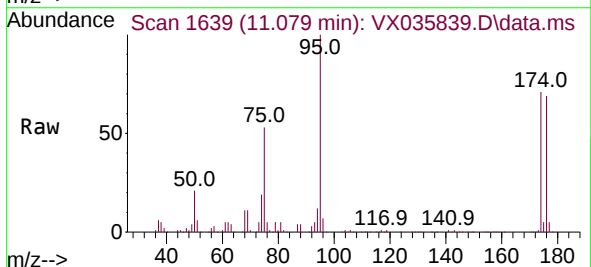
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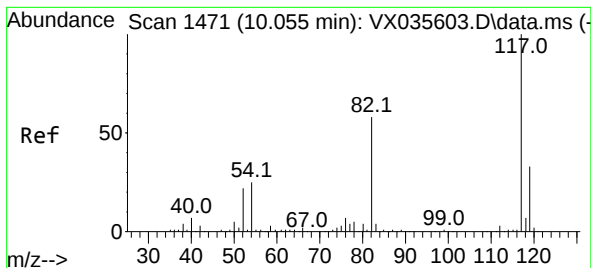
Tgt Ion: 98 Resp: 329035
Ion Ratio Lower Upper
98 100
100 66.3 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 43.046 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035839.D
Acq: 24 May 2023 16:24

Tgt Ion: 95 Resp: 129780
Ion Ratio Lower Upper
95 100
174 72.1 0.0 147.4
176 70.9 0.0 140.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX035839.D

Acq: 24 May 2023 16:24

Instrument :

MSVOA_X

ClientSampleId :

TB02-20230522

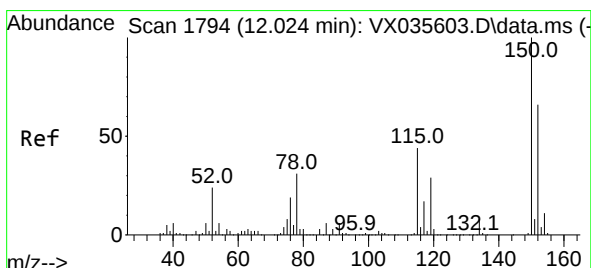
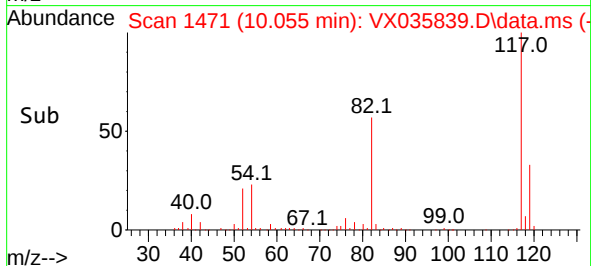
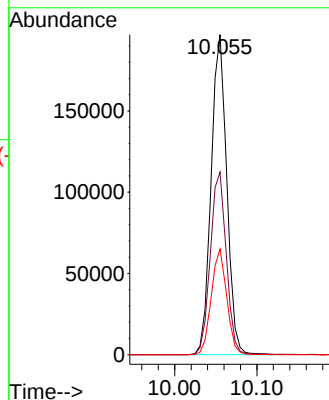
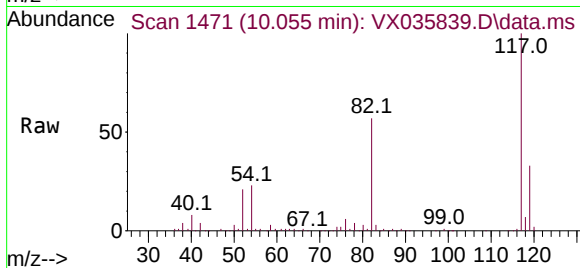
Tgt Ion:117 Resp: 260134

Ion Ratio Lower Upper

117 100

82 57.0 45.0 67.4

119 33.1 26.0 39.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX035839.D

Acq: 24 May 2023 16:24

Tgt Ion:152 Resp: 124132

Ion Ratio Lower Upper

152 100

115 62.0 45.0 135.0

150 157.2 0.0 352.4

