

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070723\
 Data File : VX036462.D
 Acq On : 07 Jul 2023 15:52
 Operator : JC/MD
 Sample : 03552-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Jul 07 23:06:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	166995	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	285095	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	257915	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	114025	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	108414	45.290	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.580%
35) Dibromofluoromethane	5.391	113	89037	47.364	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.720%
50) Toluene-d8	8.653	98	346939	49.413	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.820%
62) 4-Bromofluorobenzene	11.079	95	121531	49.141	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.280%

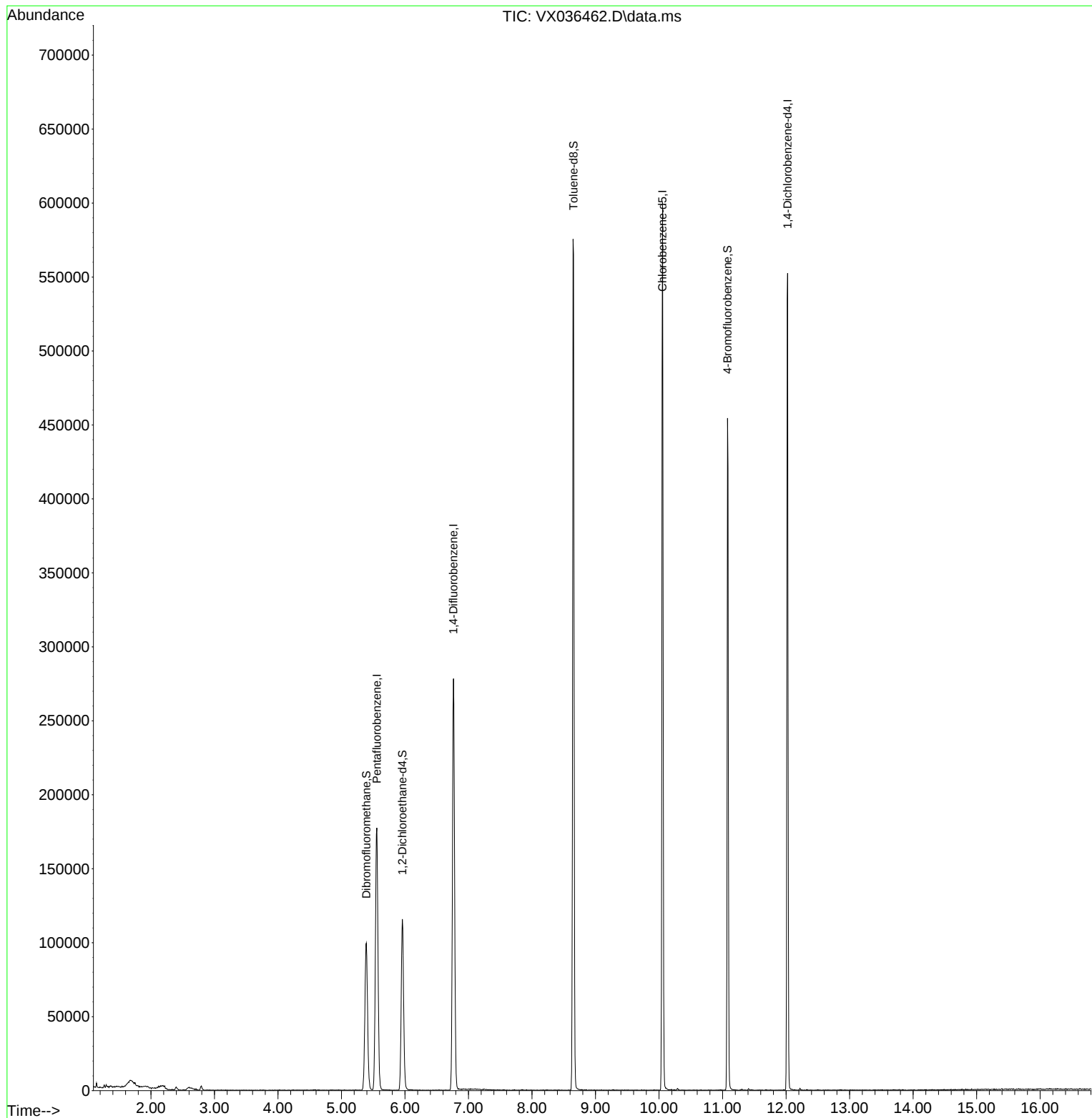
Target Compounds	Qvalue

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

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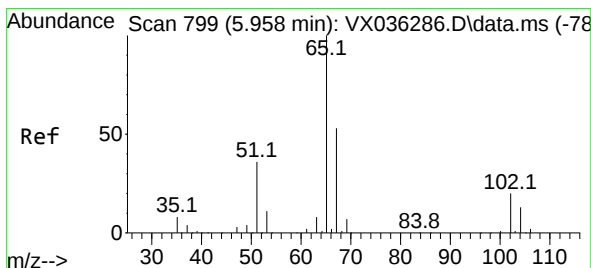
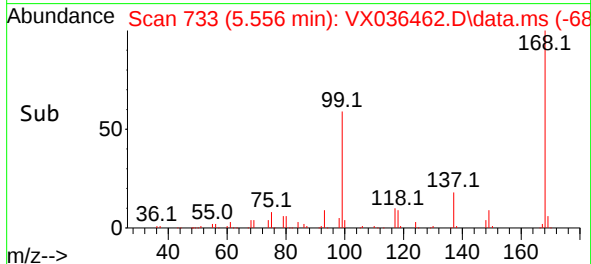
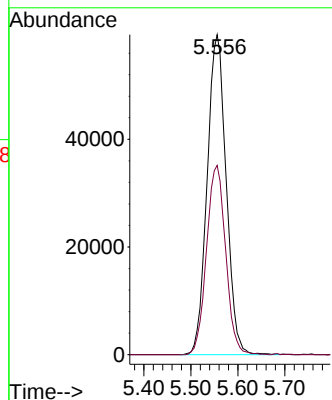
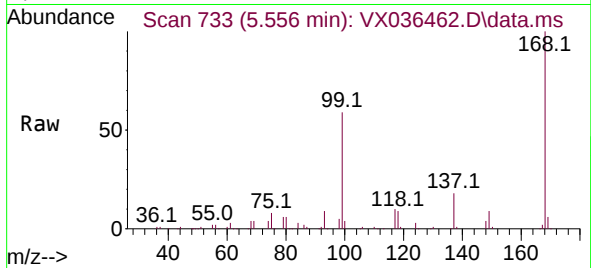




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. 0.007 min
Lab File: VX036462.D
Acq: 07 Jul 2023 15:52

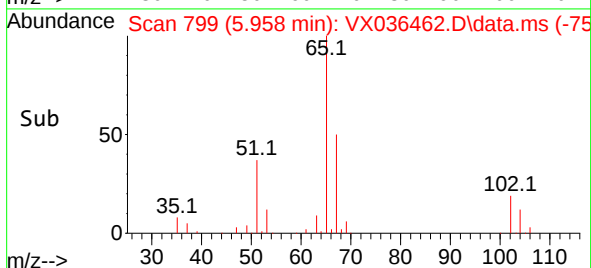
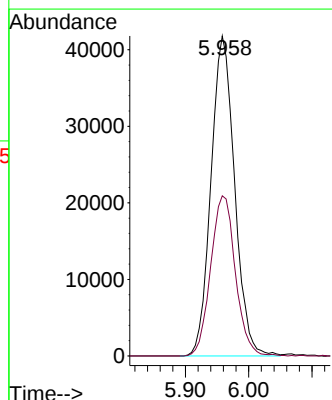
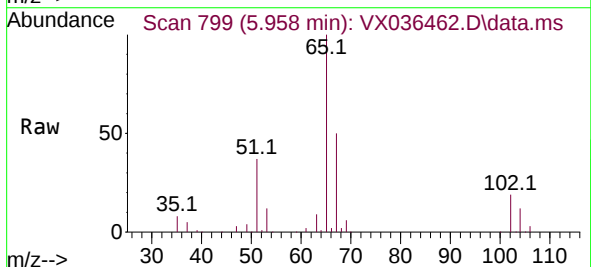
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

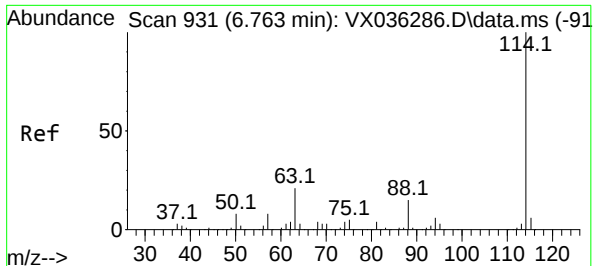
Tgt Ion:168 Resp: 166995
Ion Ratio Lower Upper
168 100
99 59.2 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 45.290 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX036462.D
Acq: 07 Jul 2023 15:52

Tgt Ion: 65 Resp: 108414
Ion Ratio Lower Upper
65 100
67 52.2 0.0 100.2

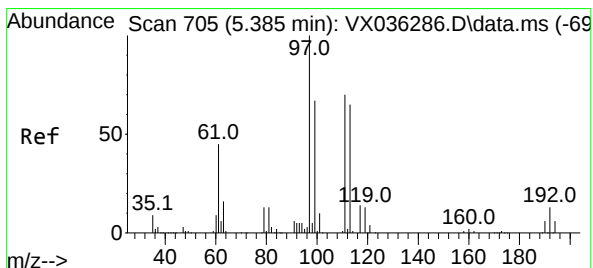
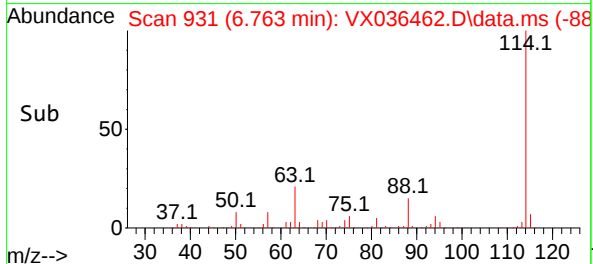
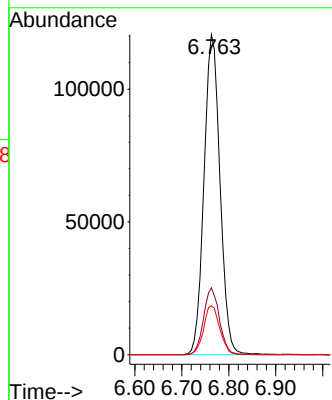
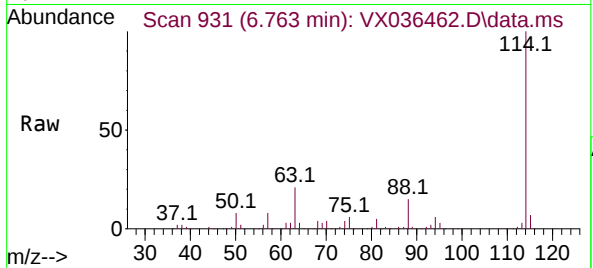




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX036462.D
Acq: 07 Jul 2023 15:52

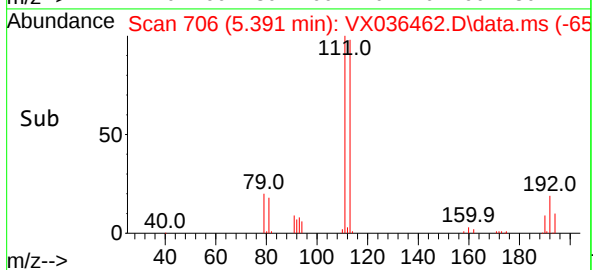
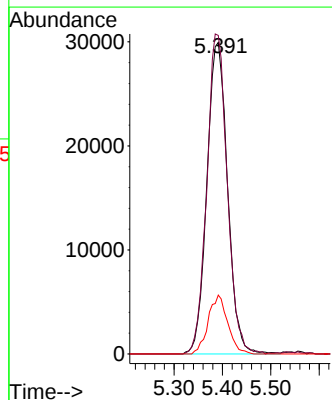
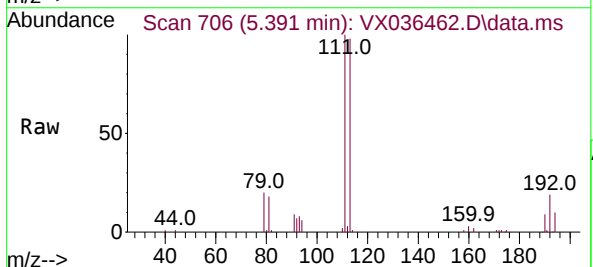
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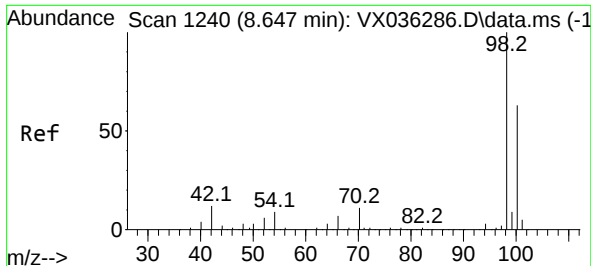
Tgt Ion:114 Resp: 285095
Ion Ratio Lower Upper
114 100
63 20.9 0.0 45.0
88 15.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.364 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX036462.D
Acq: 07 Jul 2023 15:52

Tgt Ion:113 Resp: 89037
Ion Ratio Lower Upper
113 100
111 101.5 82.9 124.3
192 17.8 13.3 19.9

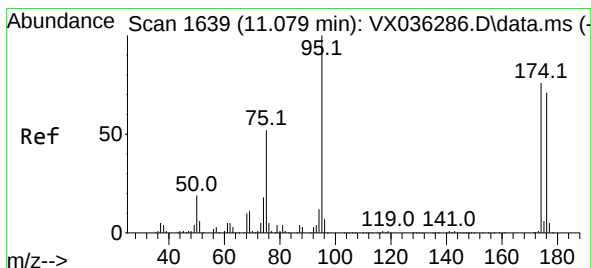
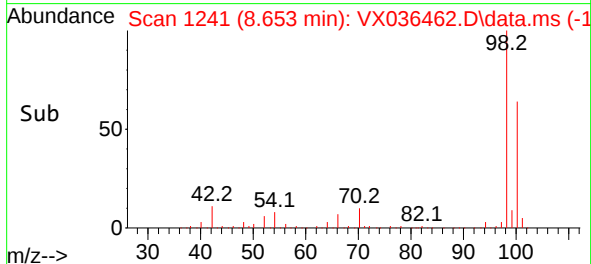
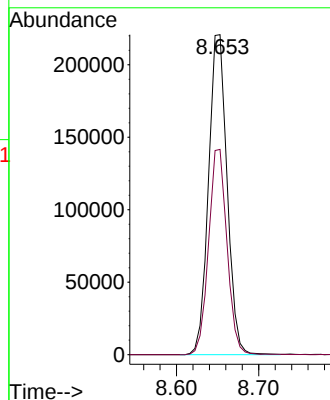
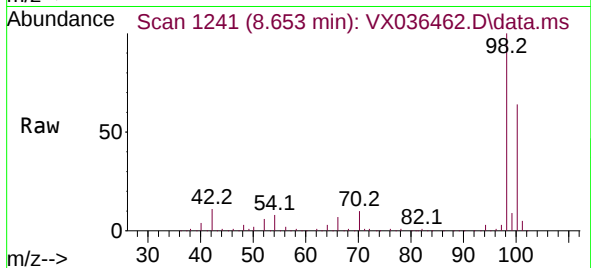




#50
Toluene-d8
Concen: 49.413 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX036462.D
Acq: 07 Jul 2023 15:52

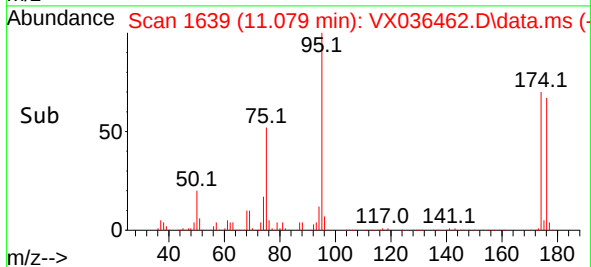
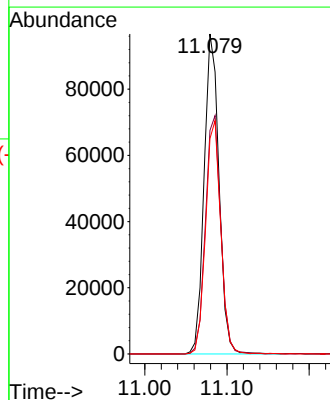
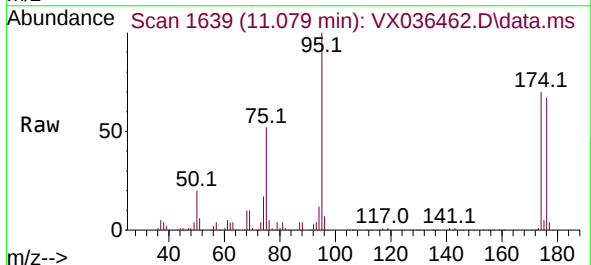
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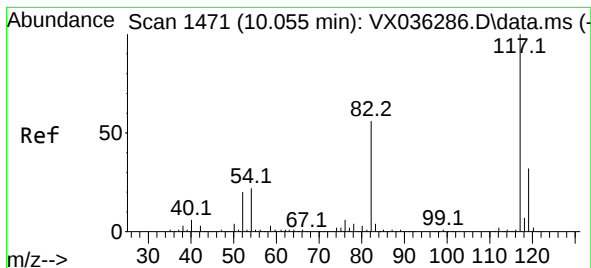
Tgt Ion: 98 Resp: 346939
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 49.141 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036462.D
Acq: 07 Jul 2023 15:52

Tgt Ion: 95 Resp: 121531
Ion Ratio Lower Upper
95 100
174 76.5 0.0 135.6
176 74.1 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: VX036462.D

Acq: 07 Jul 2023 15:52

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG

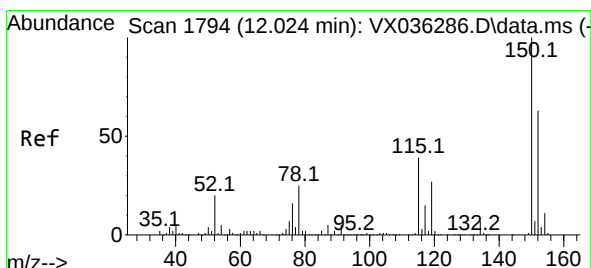
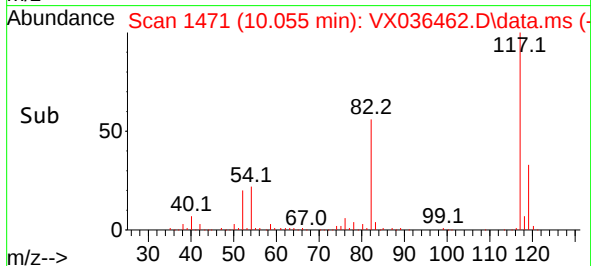
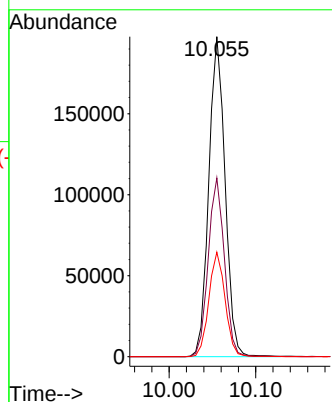
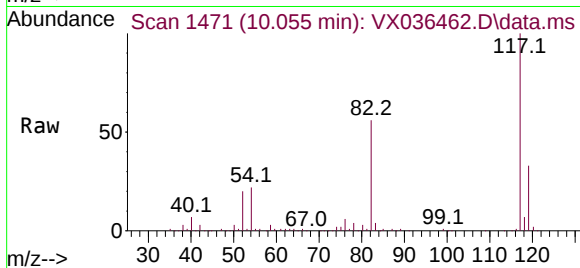
Tgt Ion:117 Resp: 257915

Ion Ratio Lower Upper

117 100

82 55.8 46.2 69.4

119 32.6 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: VX036462.D

Acq: 07 Jul 2023 15:52

Tgt Ion:152 Resp: 114025

Ion Ratio Lower Upper

152 100

115 60.2 43.3 129.9

150 158.5 0.0 345.0

