

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101623\
 Data File : VX038306.D
 Acq On : 16 Oct 2023 16:09
 Operator : JC/MD
 Sample : 04899-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-16-12-15

Quant Time: Oct 17 01:24:20 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	152626	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	265678	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	263441	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	134440	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	127302	51.856	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.720%
35) Dibromofluoromethane	5.385	113	98217	51.305	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.600%
50) Toluene-d8	8.646	98	364552	49.834	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.660%
62) 4-Bromofluorobenzene	11.079	95	141061	50.864	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.720%

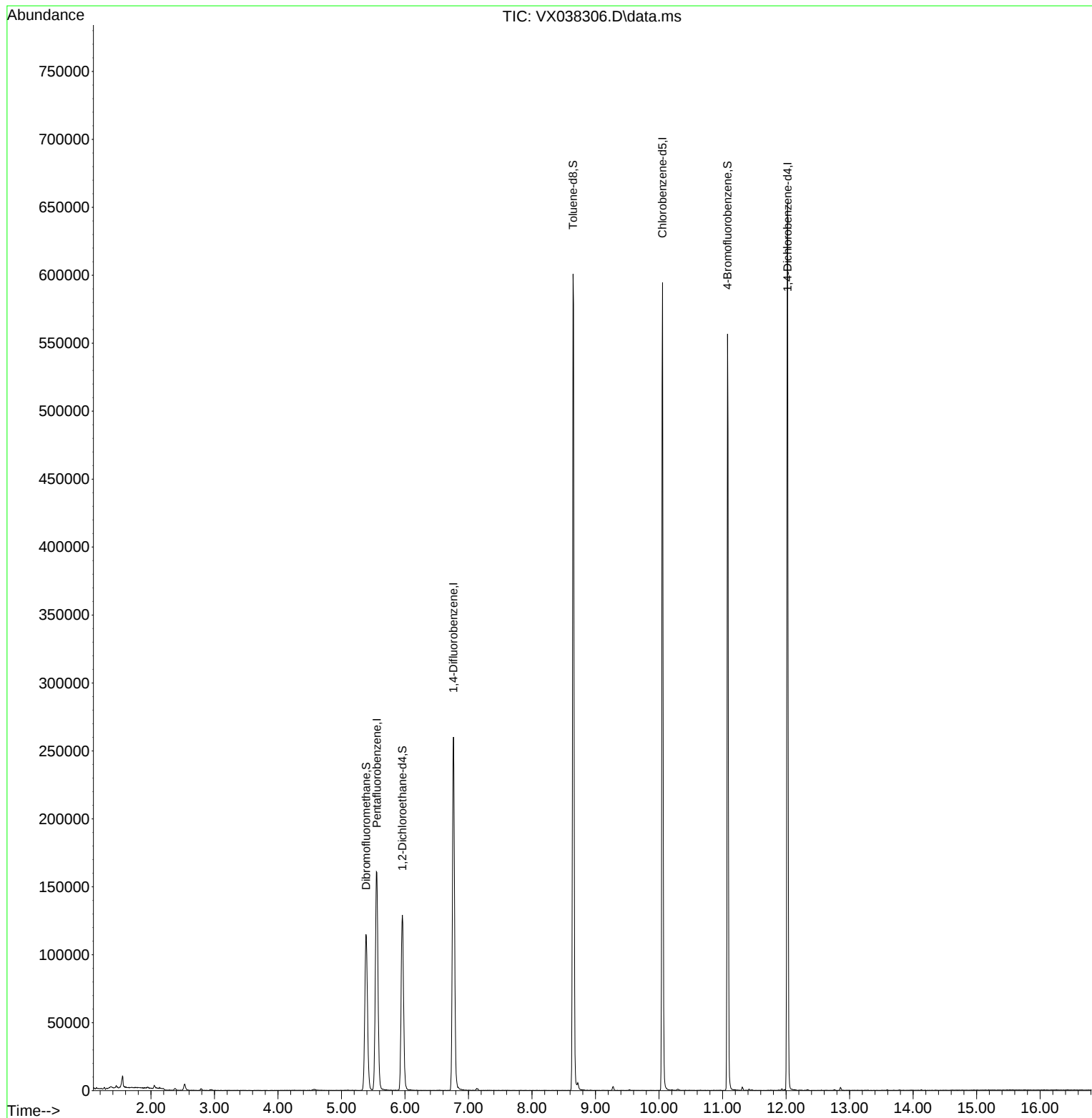
Target Compounds	Qvalue

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

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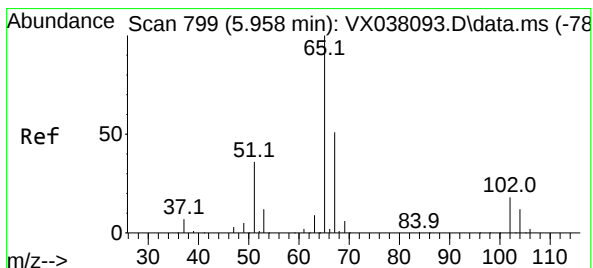
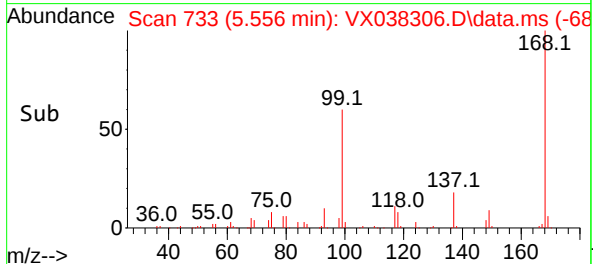
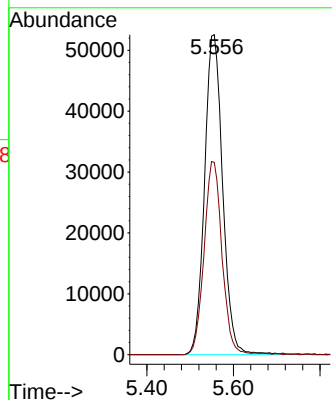
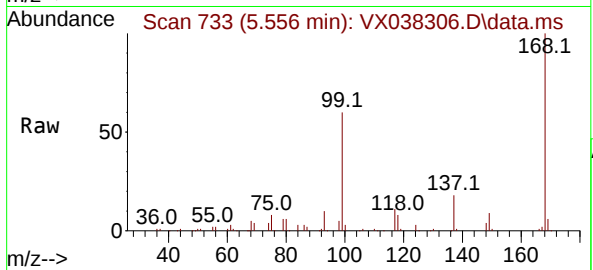




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX038306.D
Acq: 16 Oct 2023 16:09

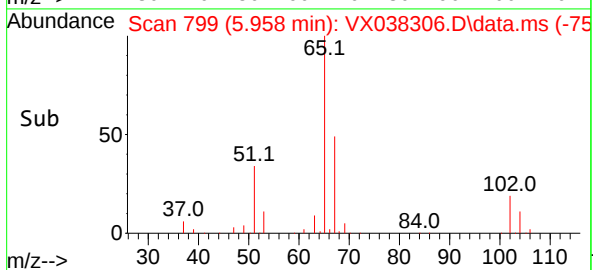
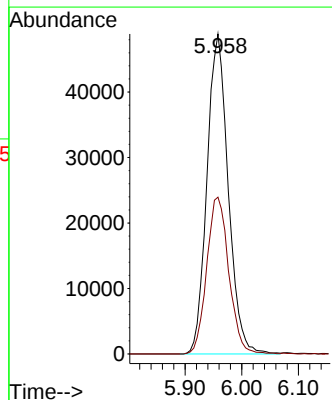
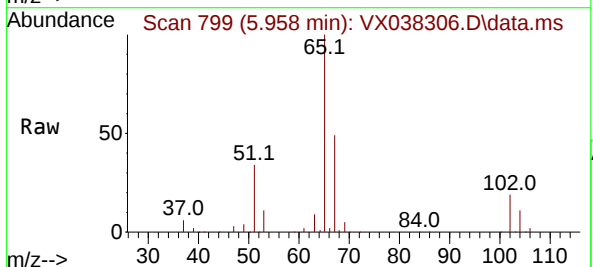
Instrument :
MSVOA_X
ClientSampleId :
GW-16-12-15

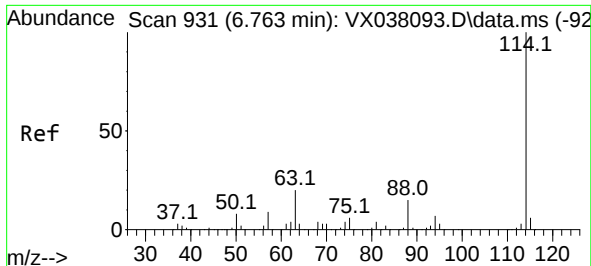
Tgt Ion:168 Resp: 152626
Ion Ratio Lower Upper
168 100
99 60.1 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 51.856 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX038306.D
Acq: 16 Oct 2023 16:09

Tgt Ion: 65 Resp: 127302
Ion Ratio Lower Upper
65 100
67 50.9 0.0 100.2

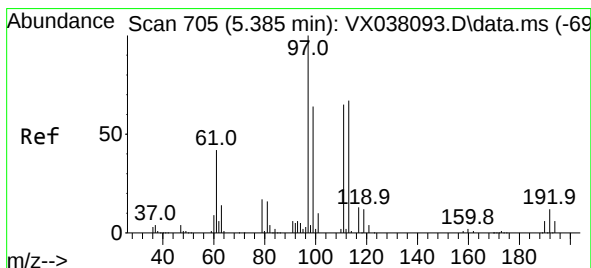
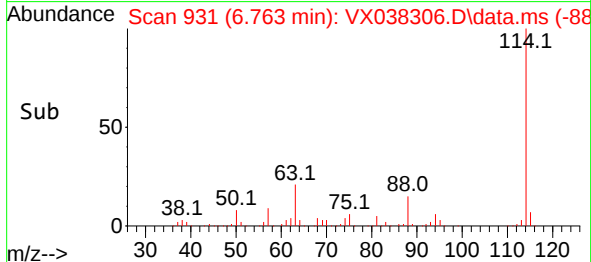
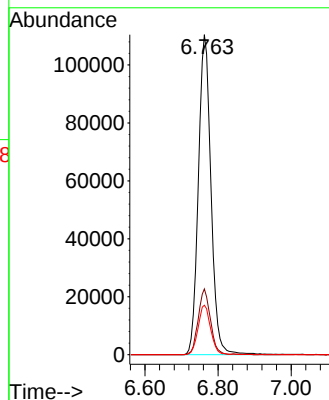
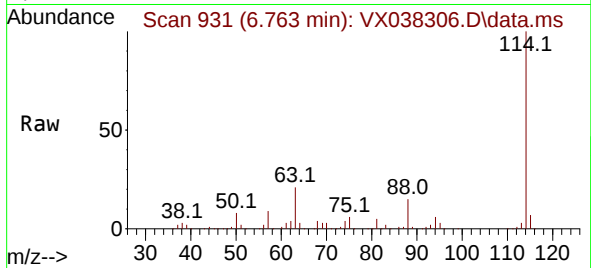




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038306.D
Acq: 16 Oct 2023 16:09

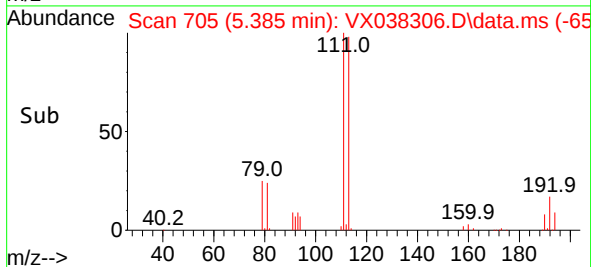
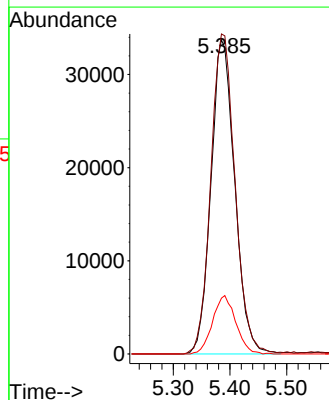
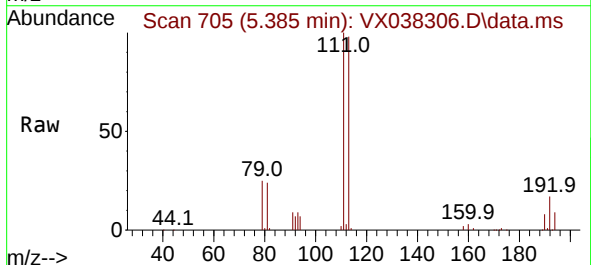
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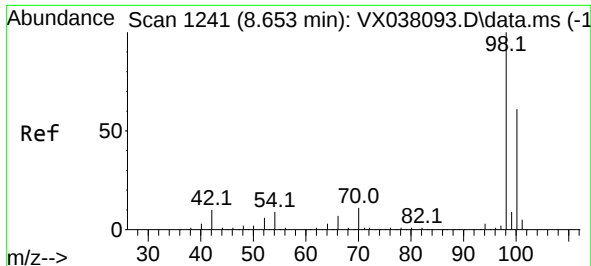
Tgt Ion:114 Resp: 265678
Ion Ratio Lower Upper
114 100
63 20.5 0.0 45.0
88 15.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 51.305 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038306.D
Acq: 16 Oct 2023 16:09

Tgt Ion:113 Resp: 98217
Ion Ratio Lower Upper
113 100
111 103.7 82.9 124.3
192 18.2 13.3 19.9

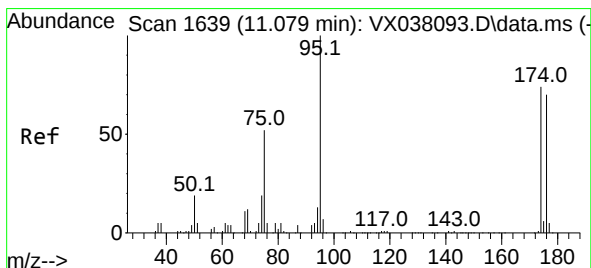
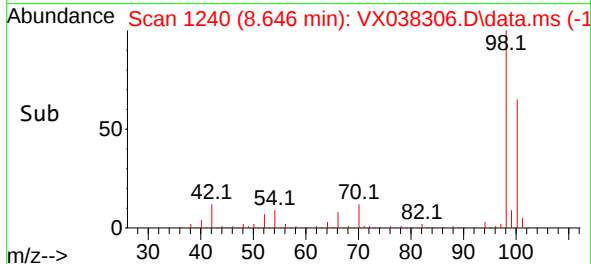
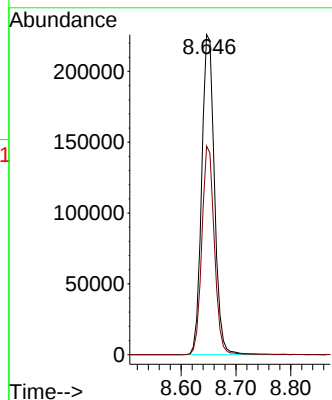
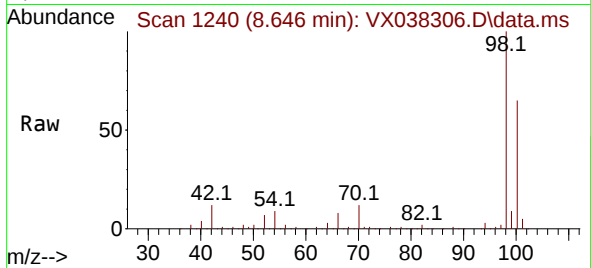




#50
Toluene-d8
Concen: 49.834 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.007 min
Lab File: VX038306.D
Acq: 16 Oct 2023 16:09

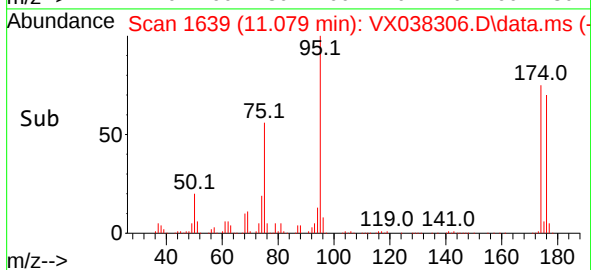
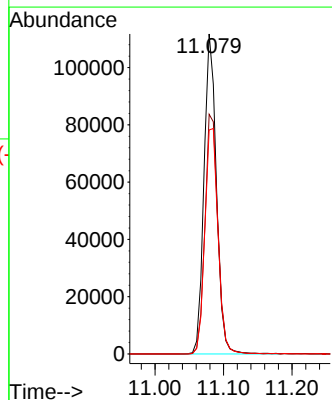
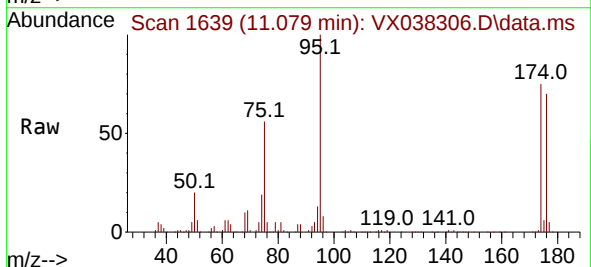
Instrument :
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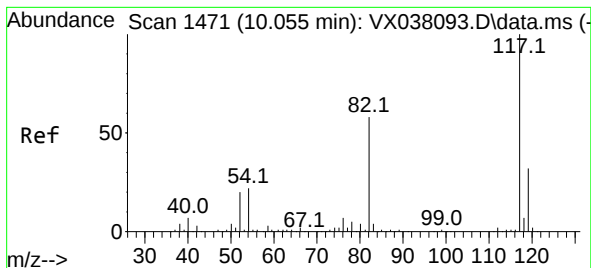
Tgt Ion: 98 Resp: 364552
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 50.864 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX038306.D
Acq: 16 Oct 2023 16:09

Tgt Ion: 95 Resp: 141061
Ion Ratio Lower Upper
95 100
174 78.6 0.0 135.6
176 75.3 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: VX038306.D

Acq: 16 Oct 2023 16:09

Instrument :

MSVOA_X

ClientSampleId :

GW-16-12-15

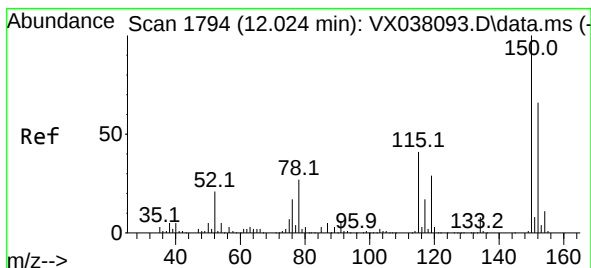
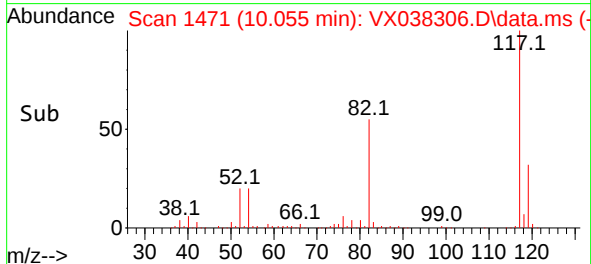
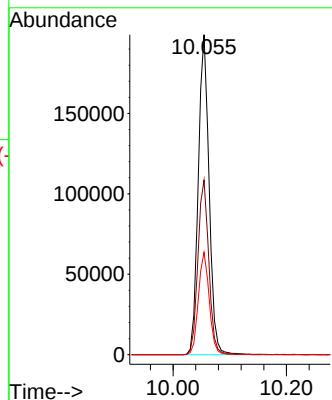
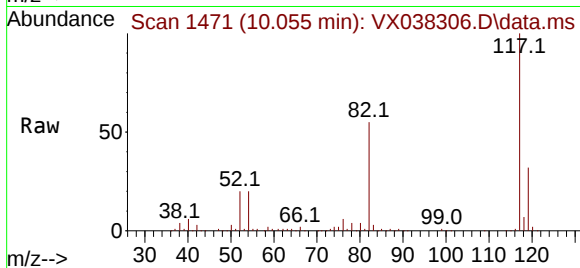
Tgt Ion:117 Resp: 263441

Ion Ratio Lower Upper

117 100

82 54.5 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: VX038306.D

Acq: 16 Oct 2023 16:09

Tgt Ion:152 Resp: 134440

Ion Ratio Lower Upper

152 100

115 61.9 43.3 129.9

150 159.1 0.0 345.0

