

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032223\
 Data File : VX034662.D
 Acq On : 22 Mar 2023 09:48
 Operator : JC/MD
 Sample : VX0322MBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0322MBL01

Quant Time: Mar 23 07:51:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	252729	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	465813	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	371484	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	166996	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	174057	47.341	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.680%
35) Dibromofluoromethane	5.379	113	132795	43.178	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	86.360%
50) Toluene-d8	8.647	98	559591	48.740	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.480%
62) 4-Bromofluorobenzene	11.079	95	182131	39.274	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	78.540%#

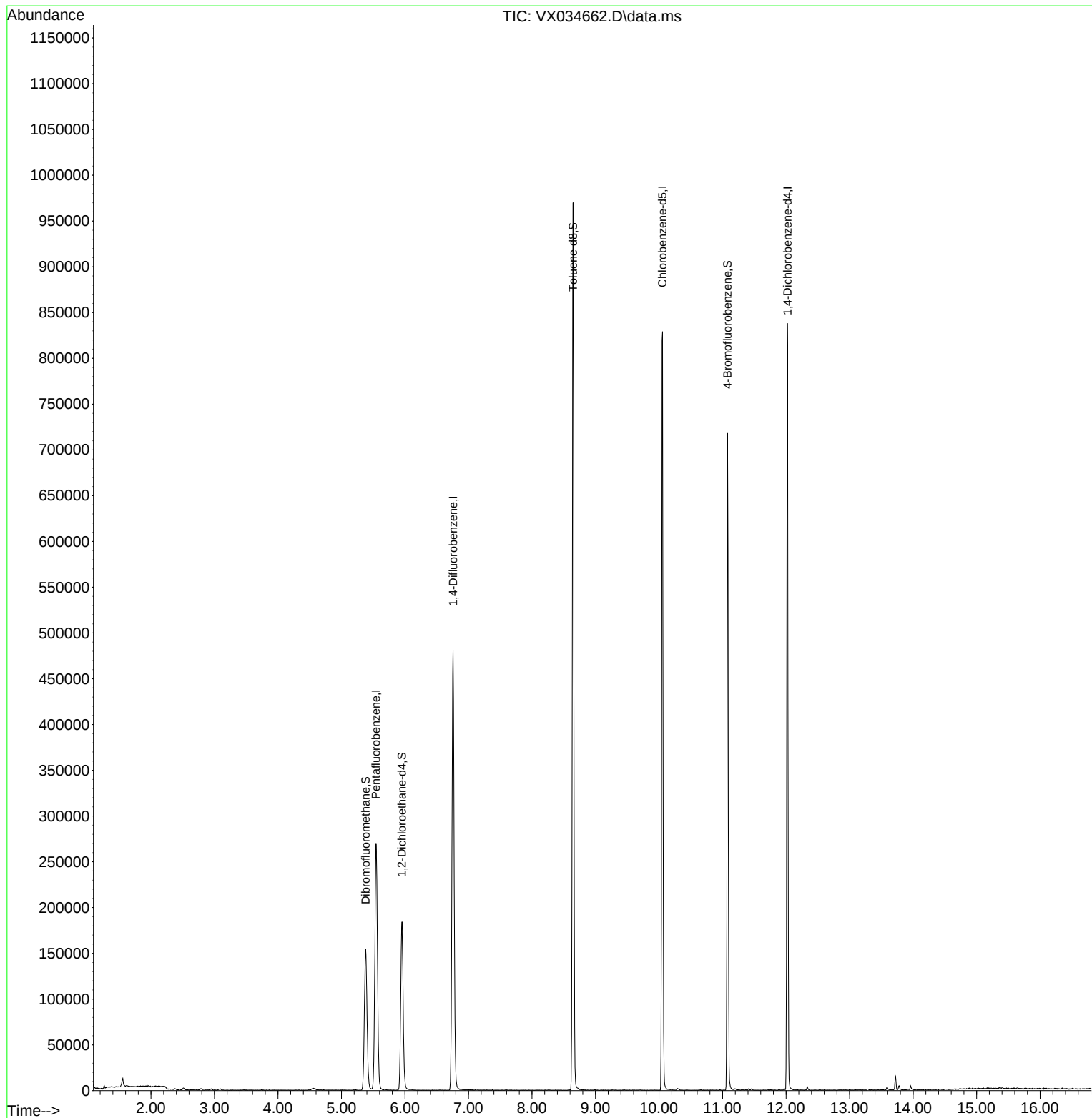
Target Compounds	Qvalue

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

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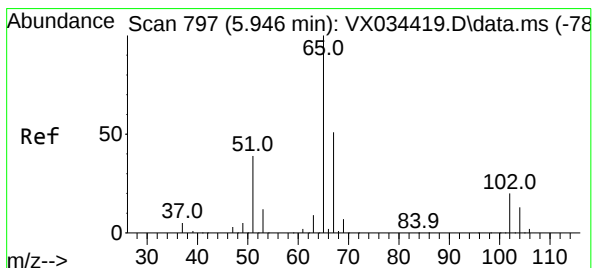
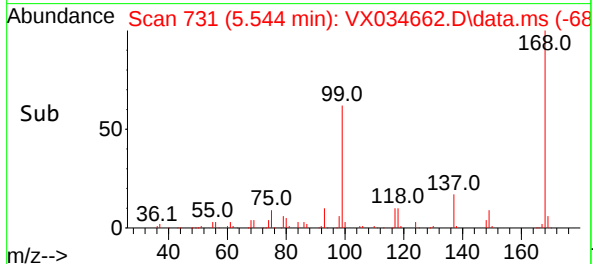
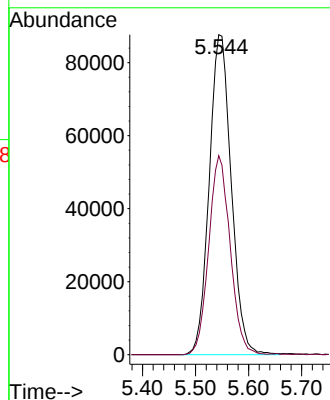
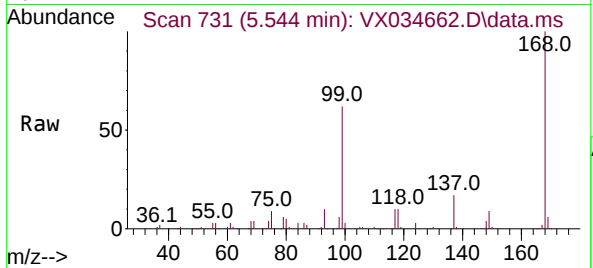




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034662.D
Acq: 22 Mar 2023 09:48

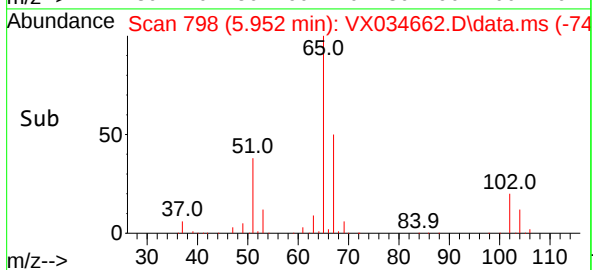
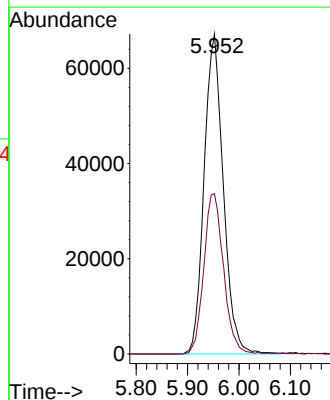
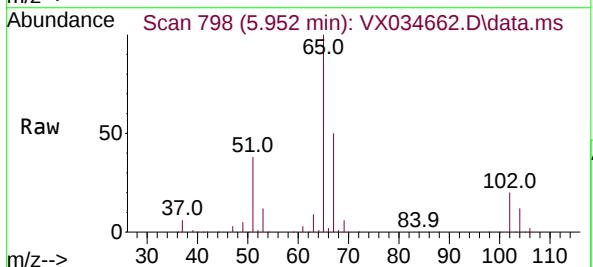
Instrument :
MSVOA_X
ClientSampleId :
VX0322MBL01

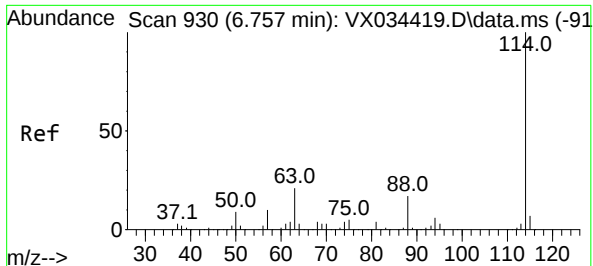
Tgt Ion:168 Resp: 252729
Ion Ratio Lower Upper
168 100
99 62.2 45.7 68.5



#33
1,2-Dichloroethane-d4
Concen: 47.341 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX034662.D
Acq: 22 Mar 2023 09:48

Tgt Ion: 65 Resp: 174057
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX034662.D

Acq: 22 Mar 2023 09:48

Instrument :

MSVOA_X

ClientSampleId :

VX0322MBL01

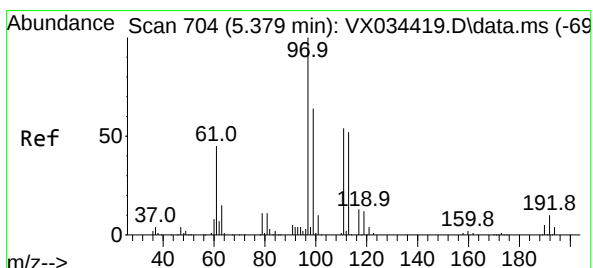
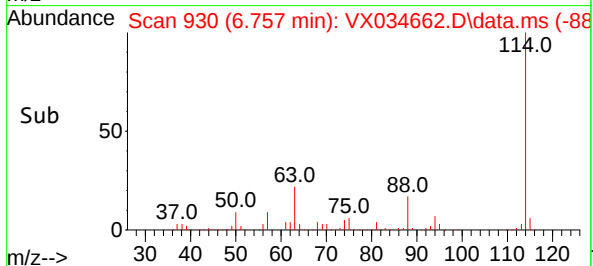
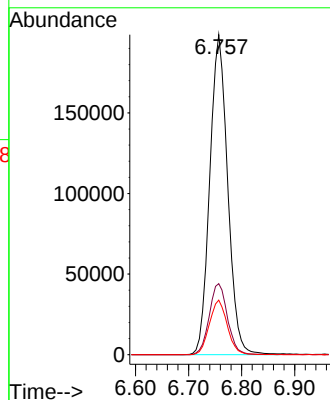
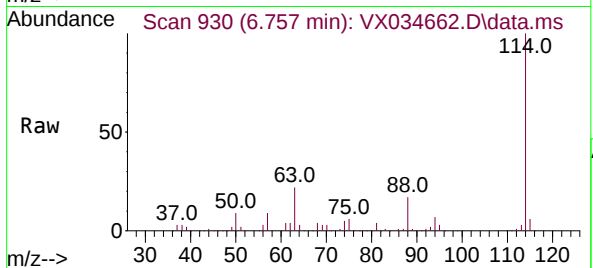
Tgt Ion:114 Resp: 465813

Ion Ratio Lower Upper

114 100

63 22.2 0.0 42.2

88 17.1 0.0 33.2



#35

Dibromofluoromethane

Concen: 43.178 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX034662.D

Acq: 22 Mar 2023 09:48

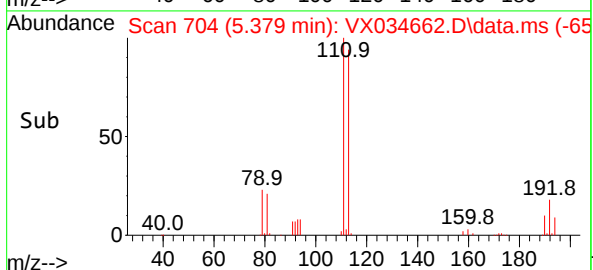
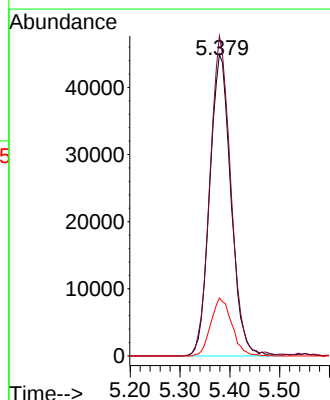
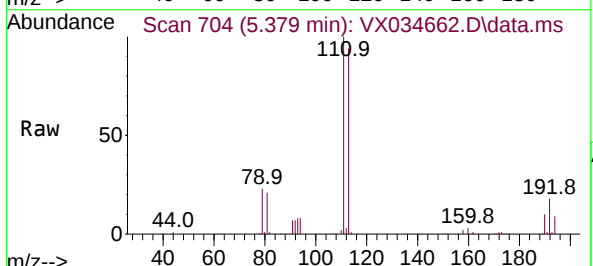
Tgt Ion:113 Resp: 132795

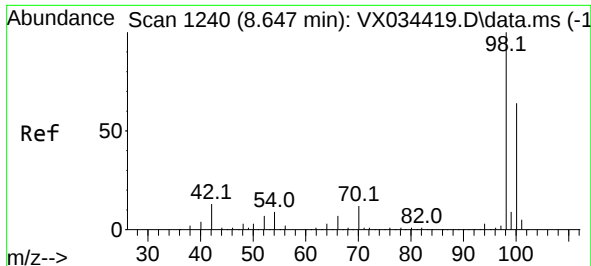
Ion Ratio Lower Upper

113 100

111 104.3 83.7 125.5

192 19.0 15.4 23.2

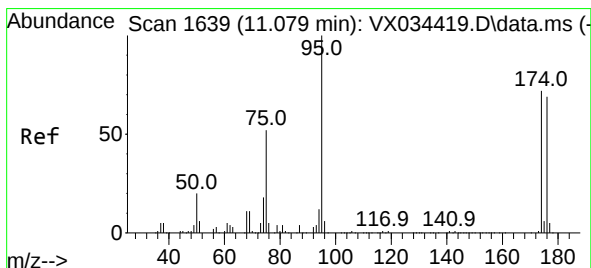
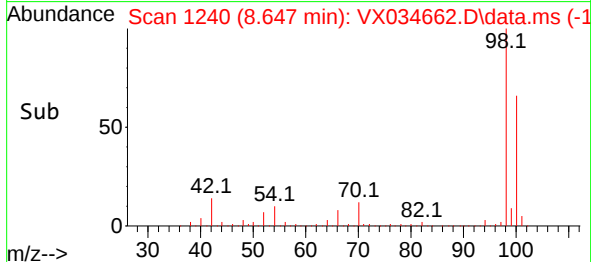
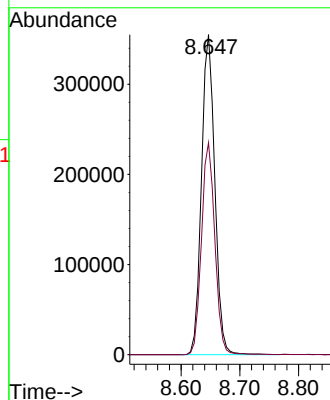
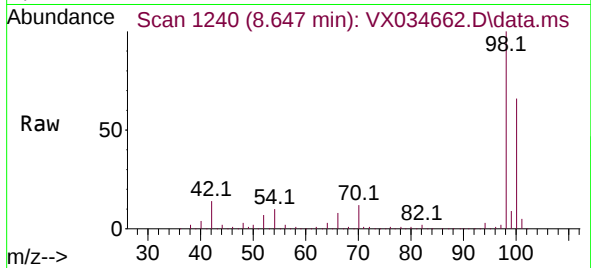




#50
Toluene-d8
Concen: 48.740 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034662.D
Acq: 22 Mar 2023 09:48

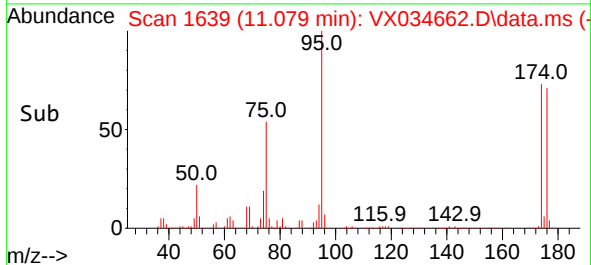
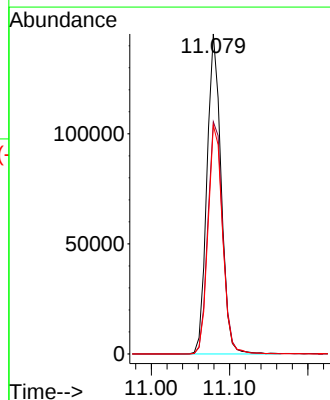
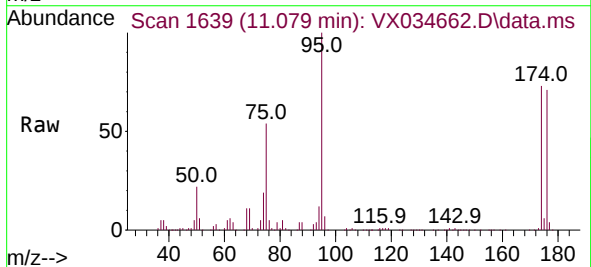
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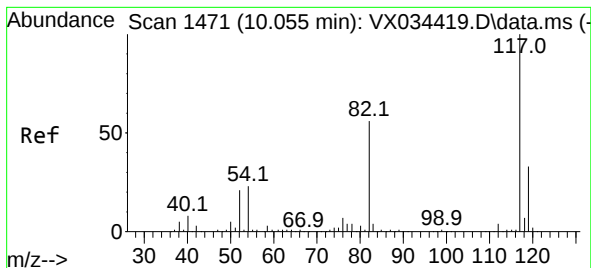
Tgt Ion: 98 Resp: 559591
Ion Ratio Lower Upper
98 100
100 66.5 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 39.274 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034662.D
Acq: 22 Mar 2023 09:48

Tgt Ion: 95 Resp: 182131
Ion Ratio Lower Upper
95 100
174 76.3 0.0 147.4
176 73.3 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: VX034662.D

Acq: 22 Mar 2023 09:48

Instrument :

MSVOA_X

ClientSampleId :

VX0322MBL01

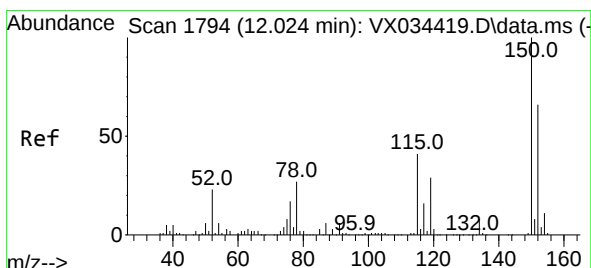
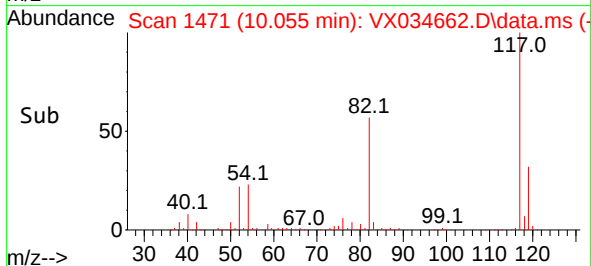
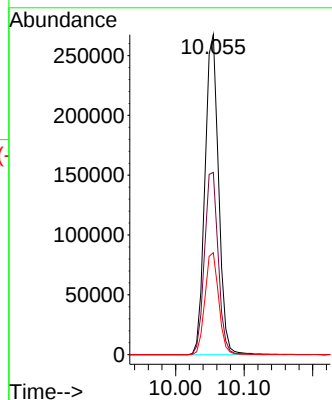
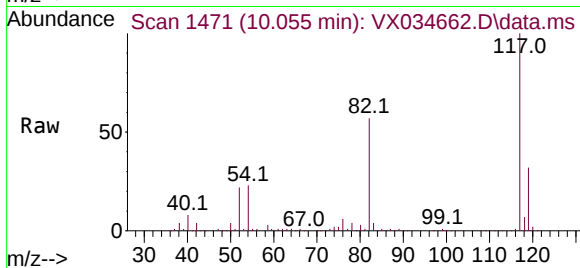
Tgt Ion:117 Resp: 371484

Ion Ratio Lower Upper

117 100

82 57.0 45.0 67.4

119 31.8 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: VX034662.D

Acq: 22 Mar 2023 09:48

Tgt Ion:152 Resp: 166996

Ion Ratio Lower Upper

152 100

115 61.5 45.0 135.0

150 156.9 0.0 352.4

