

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032723\
 Data File : VX034746.D
 Acq On : 27 Mar 2023 13:30
 Operator : JC/MD
 Sample : 02104-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-2023-03-25

Quant Time: Mar 28 03:18:59 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	5.550	168	336476	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	563160	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	507663	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	228846	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	237214	48.460	ug/l	0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.920%
35) Dibromofluoromethane	5.385	113	176630	47.504	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.000%
50) Toluene-d8	8.647	98	675476	48.664	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.320%
62) 4-Bromofluorobenzene	11.079	95	259982	46.370	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.740%

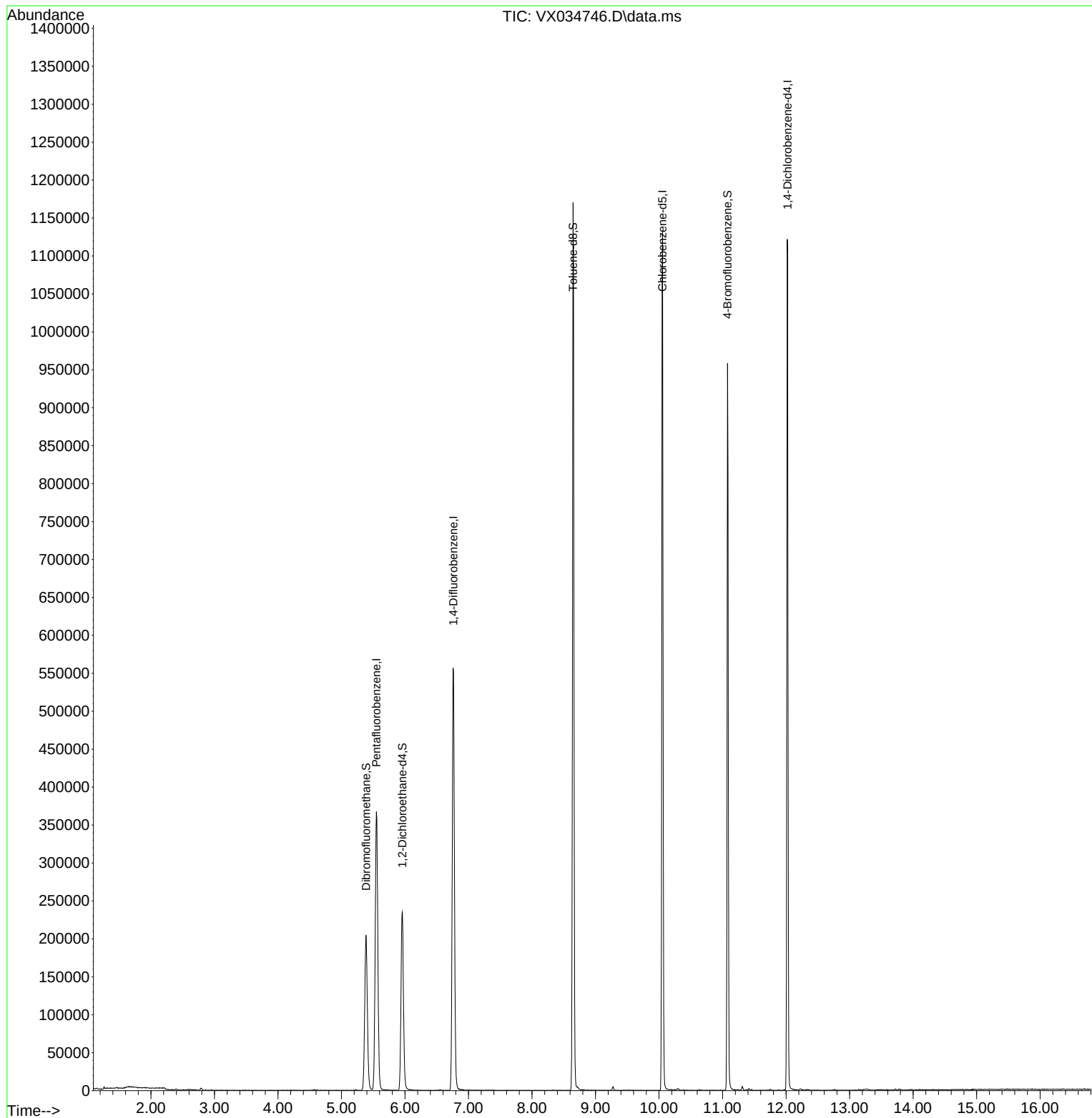
Target Compounds	Qvalue

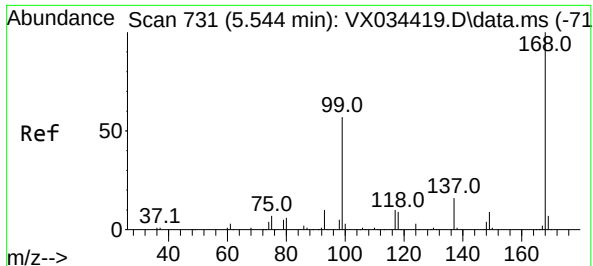
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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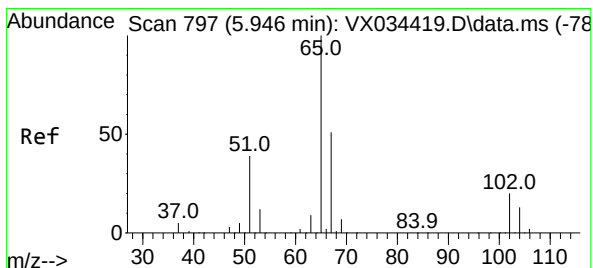
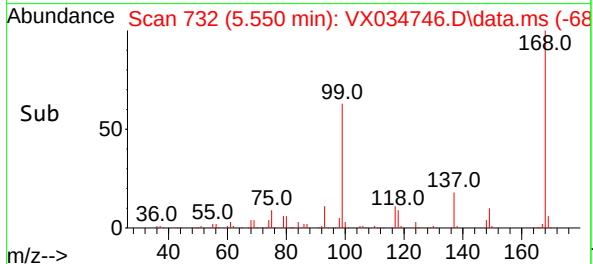
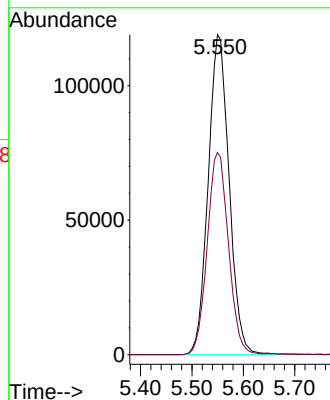
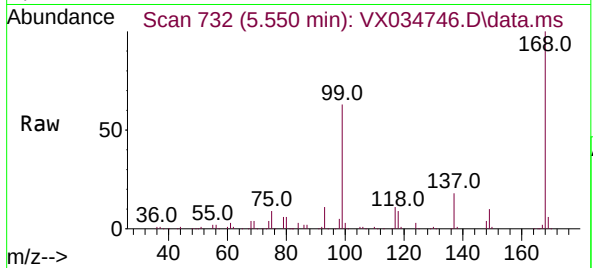




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034746.D
Acq: 27 Mar 2023 13:30

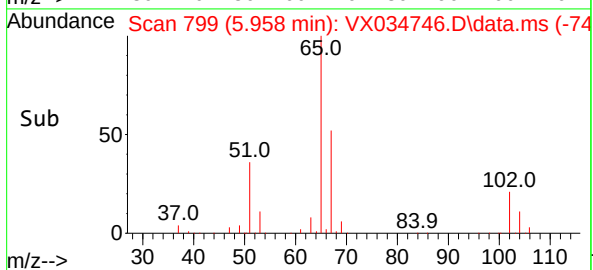
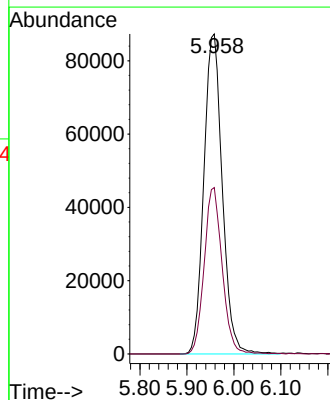
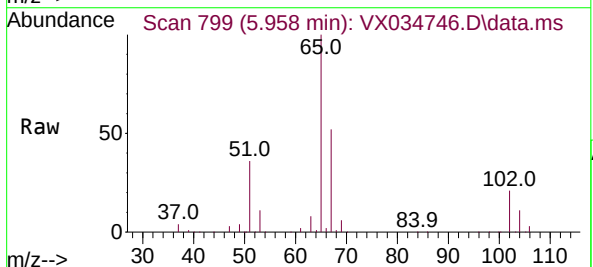
Instrument :
MSVOA_X
ClientSampleId :
EB-2023-03-25

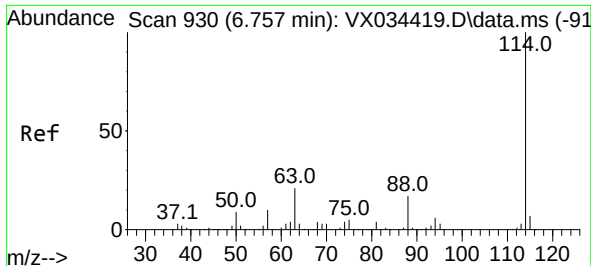
Tgt Ion:168 Resp: 336476
Ion Ratio Lower Upper
168 100
99 63.2 45.7 68.5



#33
1,2-Dichloroethane-d4
Concen: 48.460 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.012 min
Lab File: VX034746.D
Acq: 27 Mar 2023 13:30

Tgt Ion: 65 Resp: 237214
Ion Ratio Lower Upper
65 100
67 50.7 0.0 104.0

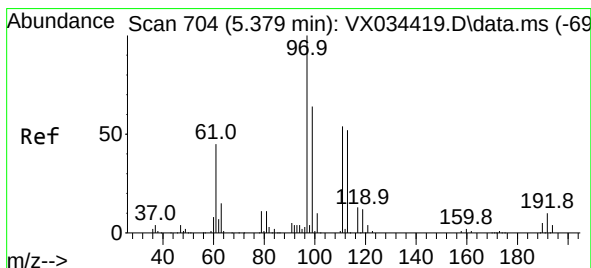
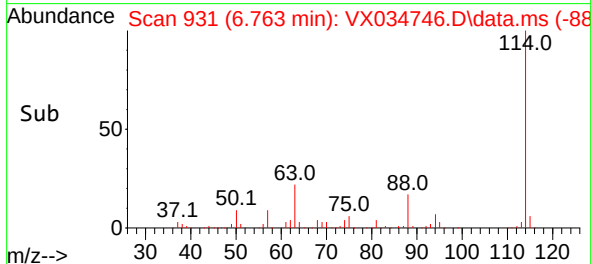
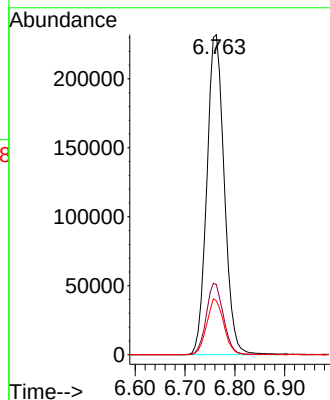
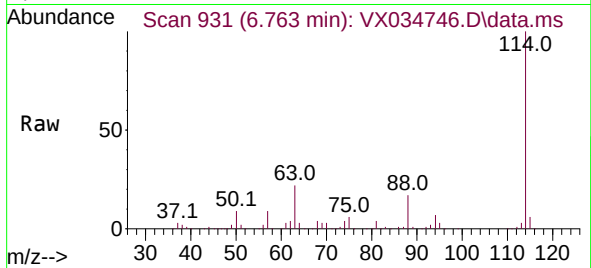




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034746.D
Acq: 27 Mar 2023 13:30

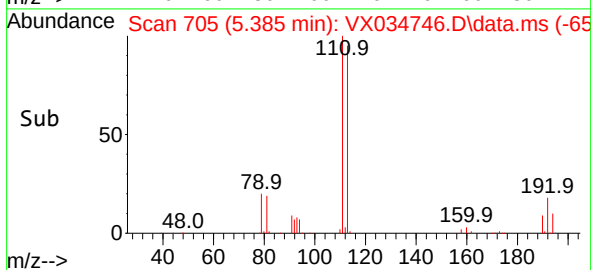
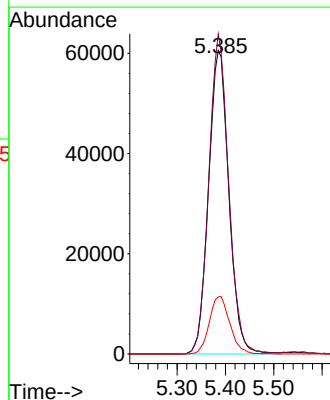
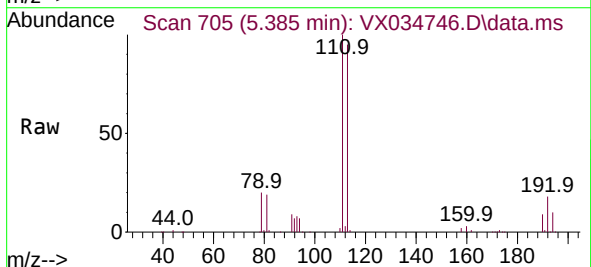
Instrument :
MSVOA_X
ClientSampleId :
EB-2023-03-25

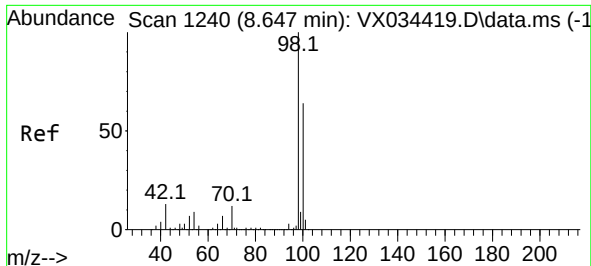
Tgt Ion:114 Resp: 563160
Ion Ratio Lower Upper
114 100
63 21.9 0.0 42.2
88 16.8 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.504 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034746.D
Acq: 27 Mar 2023 13:30

Tgt Ion:113 Resp: 176630
Ion Ratio Lower Upper
113 100
111 103.3 83.7 125.5
192 19.1 15.4 23.2

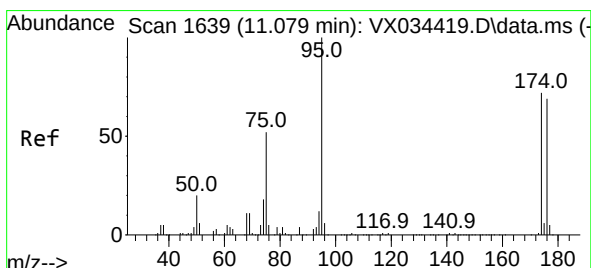
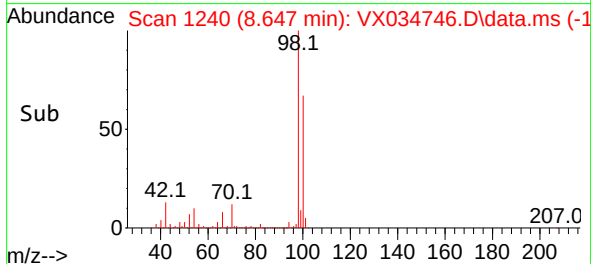
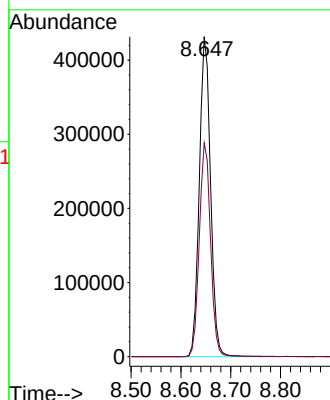
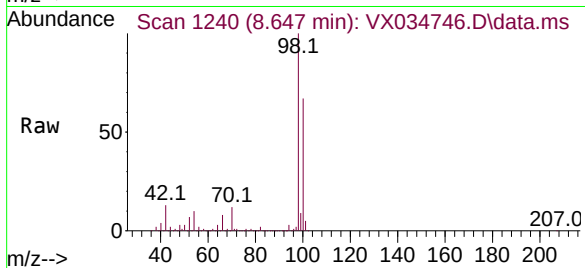




#50
Toluene-d8
Concen: 48.664 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034746.D
Acq: 27 Mar 2023 13:30

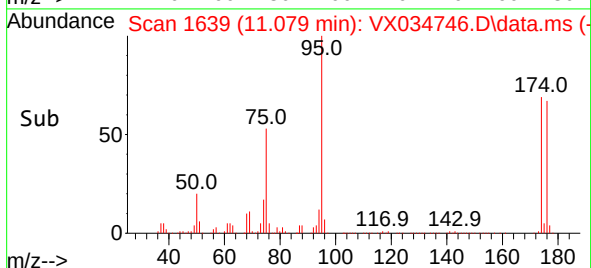
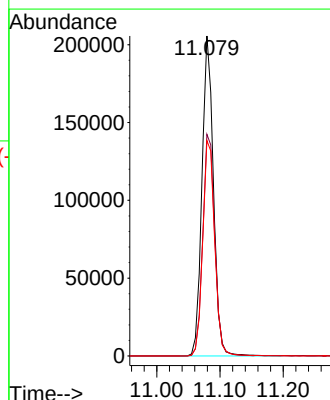
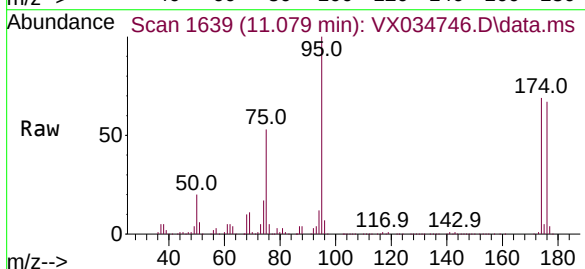
Instrument :
MSVOA_X
ClientSampleId :
EB-2023-03-25

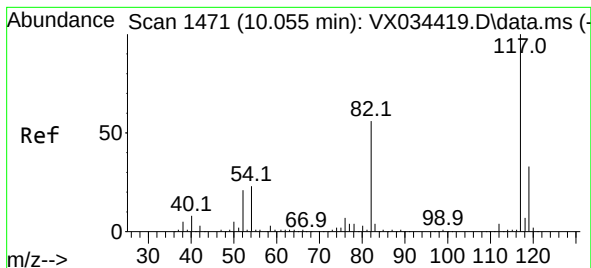
Tgt Ion: 98 Resp: 675476
Ion Ratio Lower Upper
98 100
100 67.0 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 46.370 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034746.D
Acq: 27 Mar 2023 13:30

Tgt Ion: 95 Resp: 259982
Ion Ratio Lower Upper
95 100
174 72.1 0.0 147.4
176 70.0 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: VX034746.D

Acq: 27 Mar 2023 13:30

Instrument :

MSVOA_X

ClientSampleId :

EB-2023-03-25

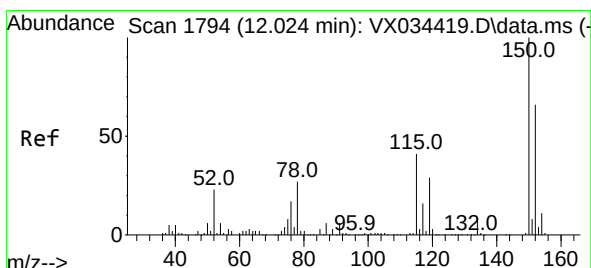
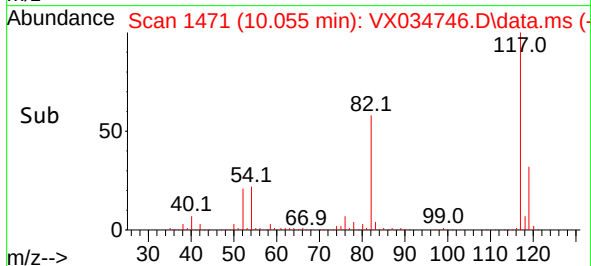
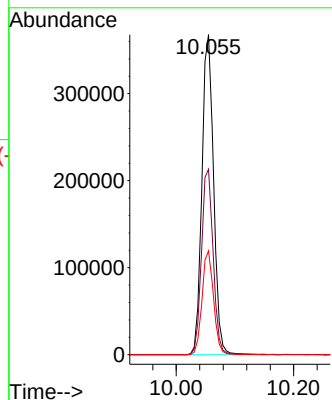
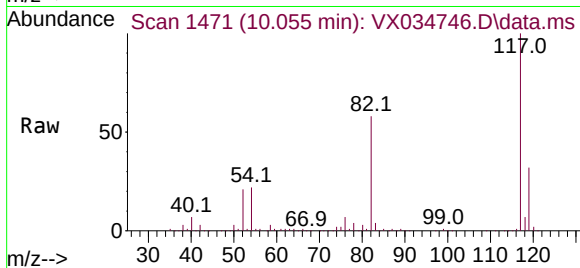
Tgt Ion:117 Resp: 507663

Ion Ratio Lower Upper

117 100

82 58.0 45.0 67.4

119 32.5 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: VX034746.D

Acq: 27 Mar 2023 13:30

Tgt Ion:152 Resp: 228846

Ion Ratio Lower Upper

152 100

115 63.4 45.0 135.0

150 157.1 0.0 352.4

