

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051525\
 Data File : VX046205.D
 Acq On : 15 May 2025 11:48
 Operator : JC/MD
 Sample : Q2032-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Quant Time: May 16 01:02:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	61806	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	123845	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	117264	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	46824	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63428	55.047	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.100%
35) Dibromofluoromethane	5.385	113	46094	51.686	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.380%
50) Toluene-d8	8.647	98	156433	50.680	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.360%
62) 4-Bromofluorobenzene	11.079	95	58410	49.332	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.660%

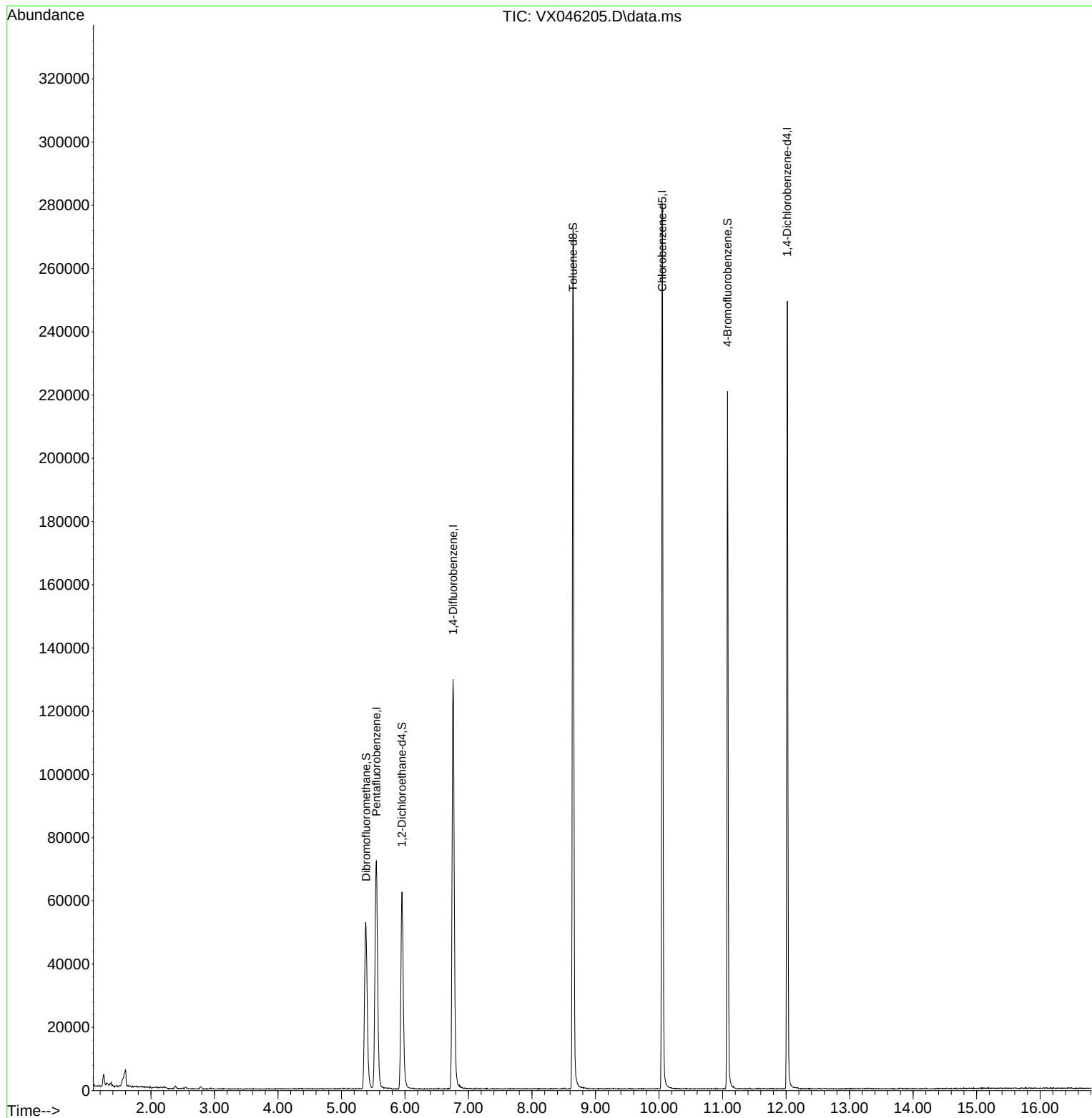
Target Compounds	Qvalue

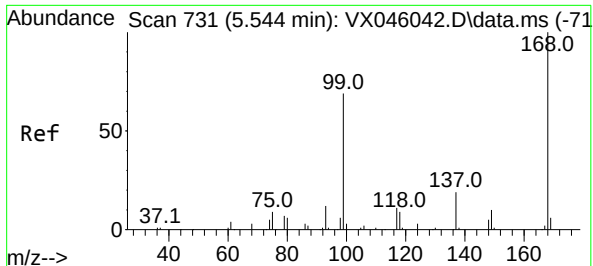
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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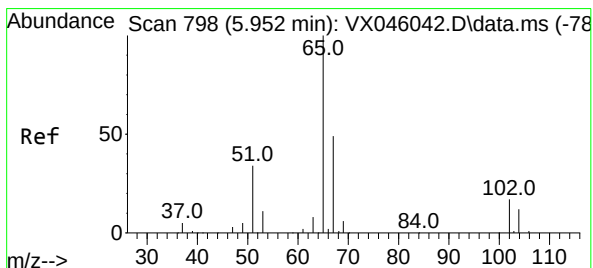
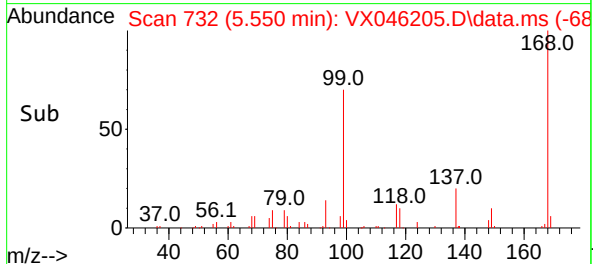
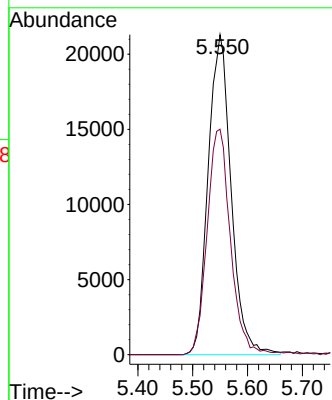
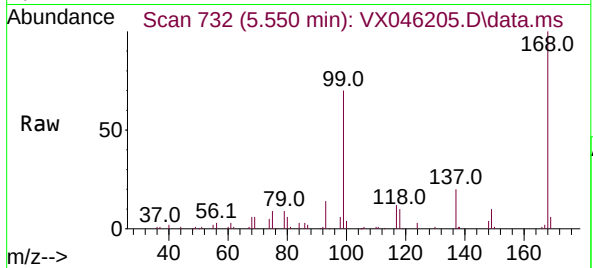




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046205.D
Acq: 15 May 2025 11:48

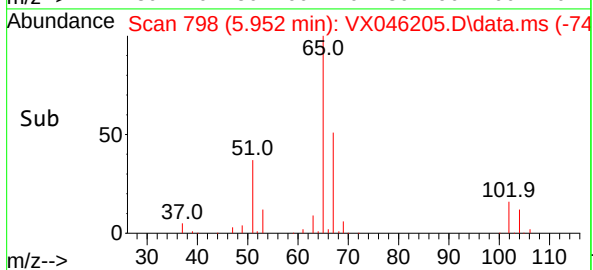
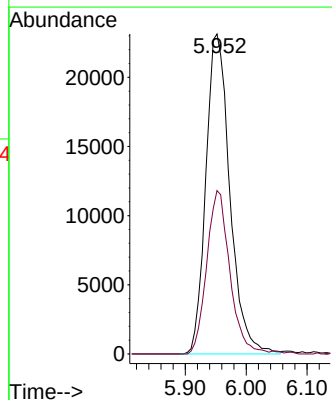
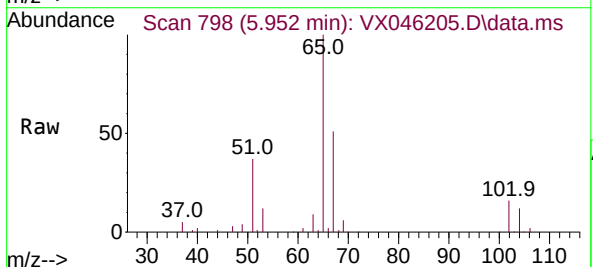
Instrument :
MSVOA_X
ClientSampleId :
TB

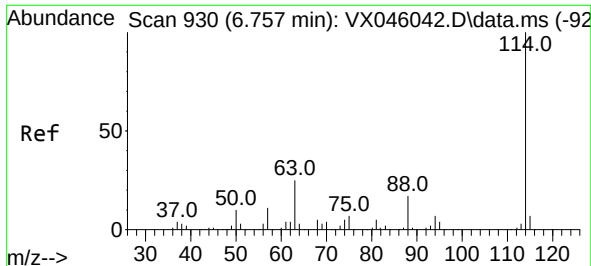
Tgt Ion:168 Resp: 61806
Ion Ratio Lower Upper
168 100
99 70.4 54.9 82.3



#33
1,2-Dichloroethane-d4
Concen: 55.047 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046205.D
Acq: 15 May 2025 11:48

Tgt Ion: 65 Resp: 63428
Ion Ratio Lower Upper
65 100
67 49.0 0.0 99.0

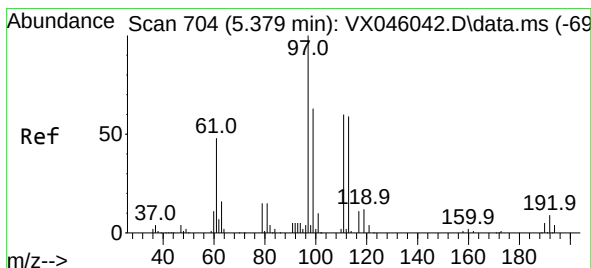
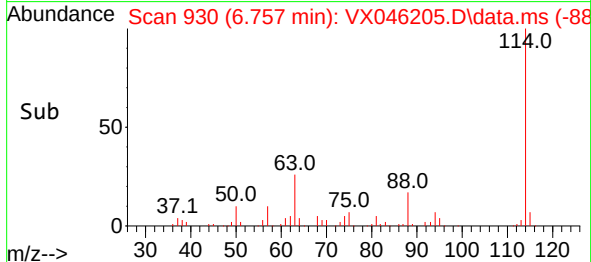
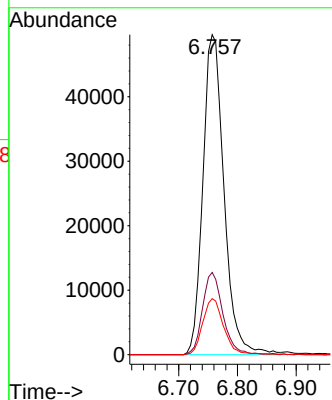
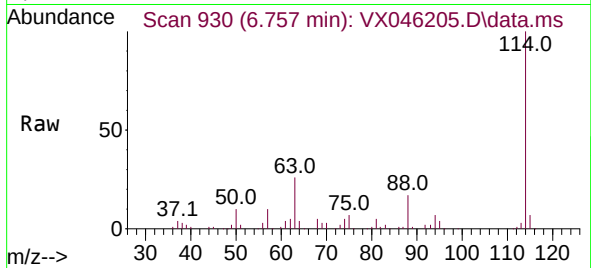




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046205.D
Acq: 15 May 2025 11:48

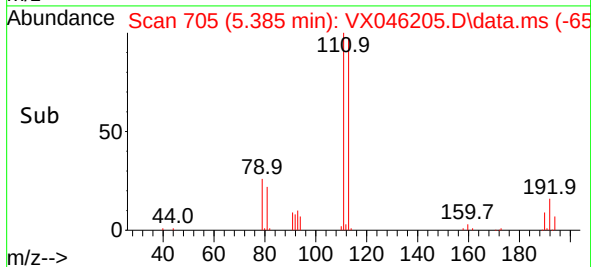
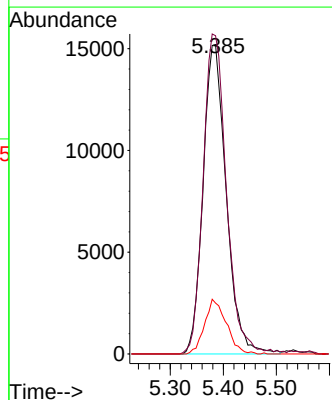
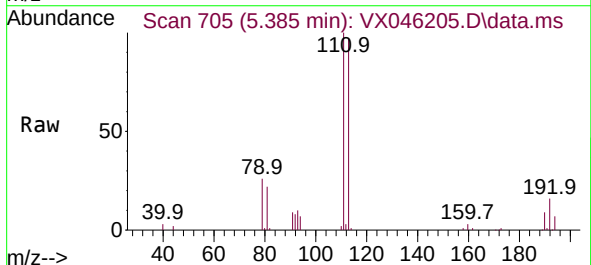
Instrument :
MSVOA_X
ClientSampleId :
TB

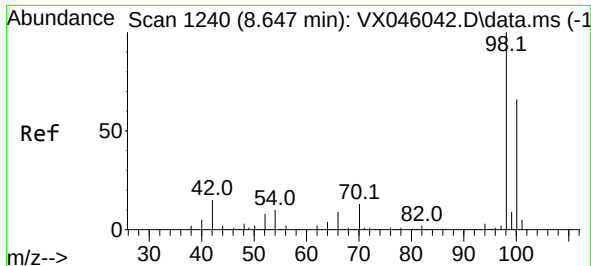
Tgt Ion:114 Resp: 123845
Ion Ratio Lower Upper
114 100
63 25.7 0.0 49.2
88 17.5 0.0 33.6



#35
Dibromofluoromethane
Concen: 51.686 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX046205.D
Acq: 15 May 2025 11:48

Tgt Ion:113 Resp: 46094
Ion Ratio Lower Upper
113 100
111 103.7 83.1 124.7
192 16.6 13.3 19.9

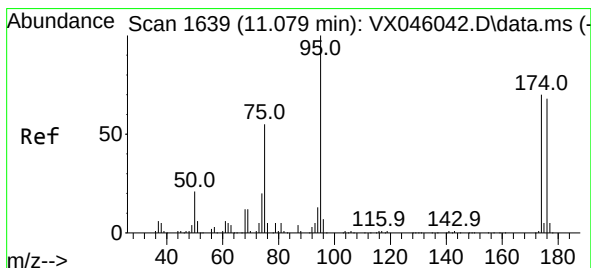
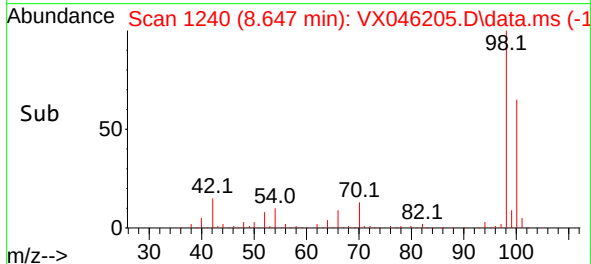
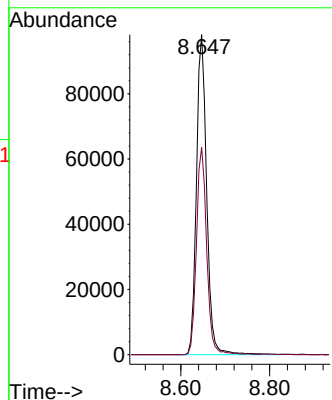
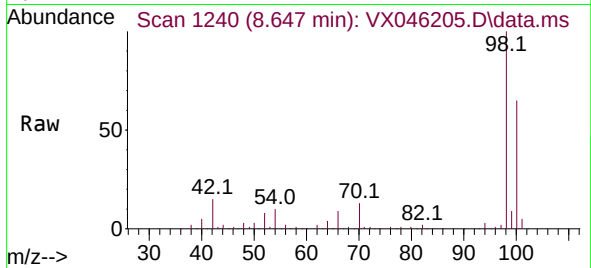




#50
Toluene-d8
Concen: 50.680 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046205.D
Acq: 15 May 2025 11:48

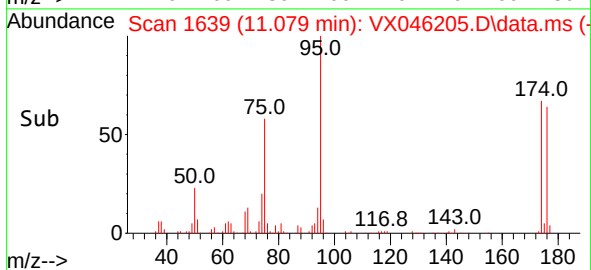
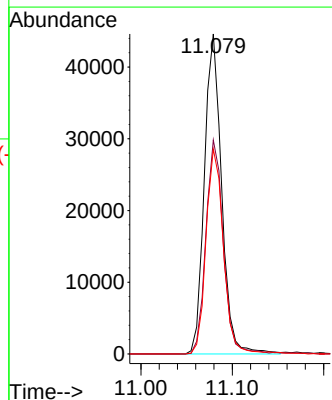
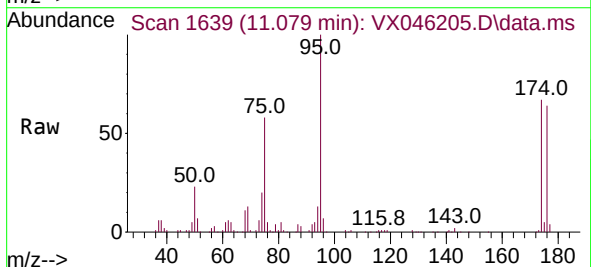
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TB

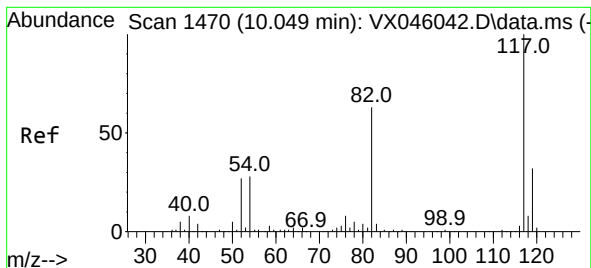
Tgt Ion: 98 Resp: 156433
Ion Ratio Lower Upper
98 100
100 64.6 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 49.332 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046205.D
Acq: 15 May 2025 11:48

Tgt Ion: 95 Resp: 58410
Ion Ratio Lower Upper
95 100
174 67.8 0.0 135.8
176 64.9 0.0 131.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX046205.D

Acq: 15 May 2025 11:48

Instrument :

MSVOA_X

ClientSampleId :

TB

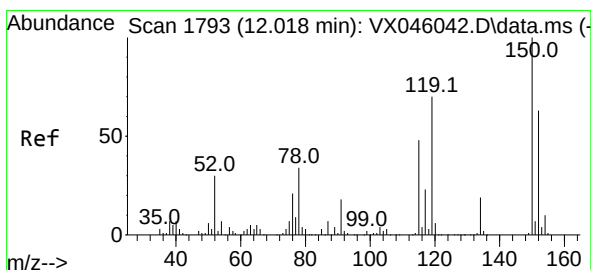
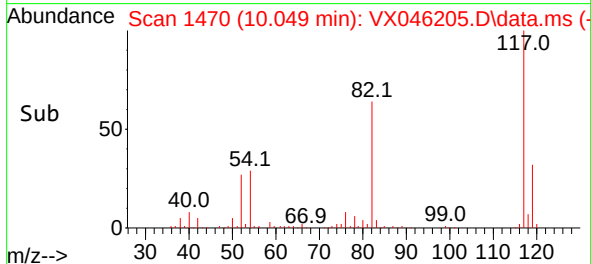
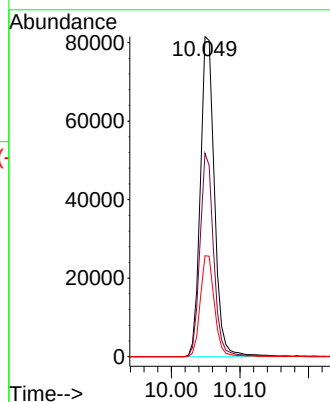
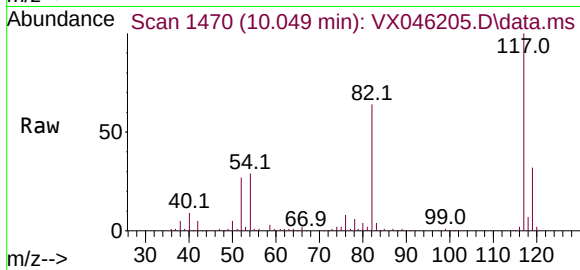
Tgt Ion:117 Resp: 117264

Ion Ratio Lower Upper

117 100

82 63.6 50.6 76.0

119 31.6 25.8 38.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX046205.D

Acq: 15 May 2025 11:48

Tgt Ion:152 Resp: 46824

Ion Ratio Lower Upper

152 100

115 66.0 46.9 140.7

150 157.3 0.0 351.0

