

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060225\
 Data File : VX046443.D
 Acq On : 02 Jun 2025 14:23
 Operator : JC/MD
 Sample : Q2177-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB05312025

Quant Time: Jun 03 01:30:20 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)

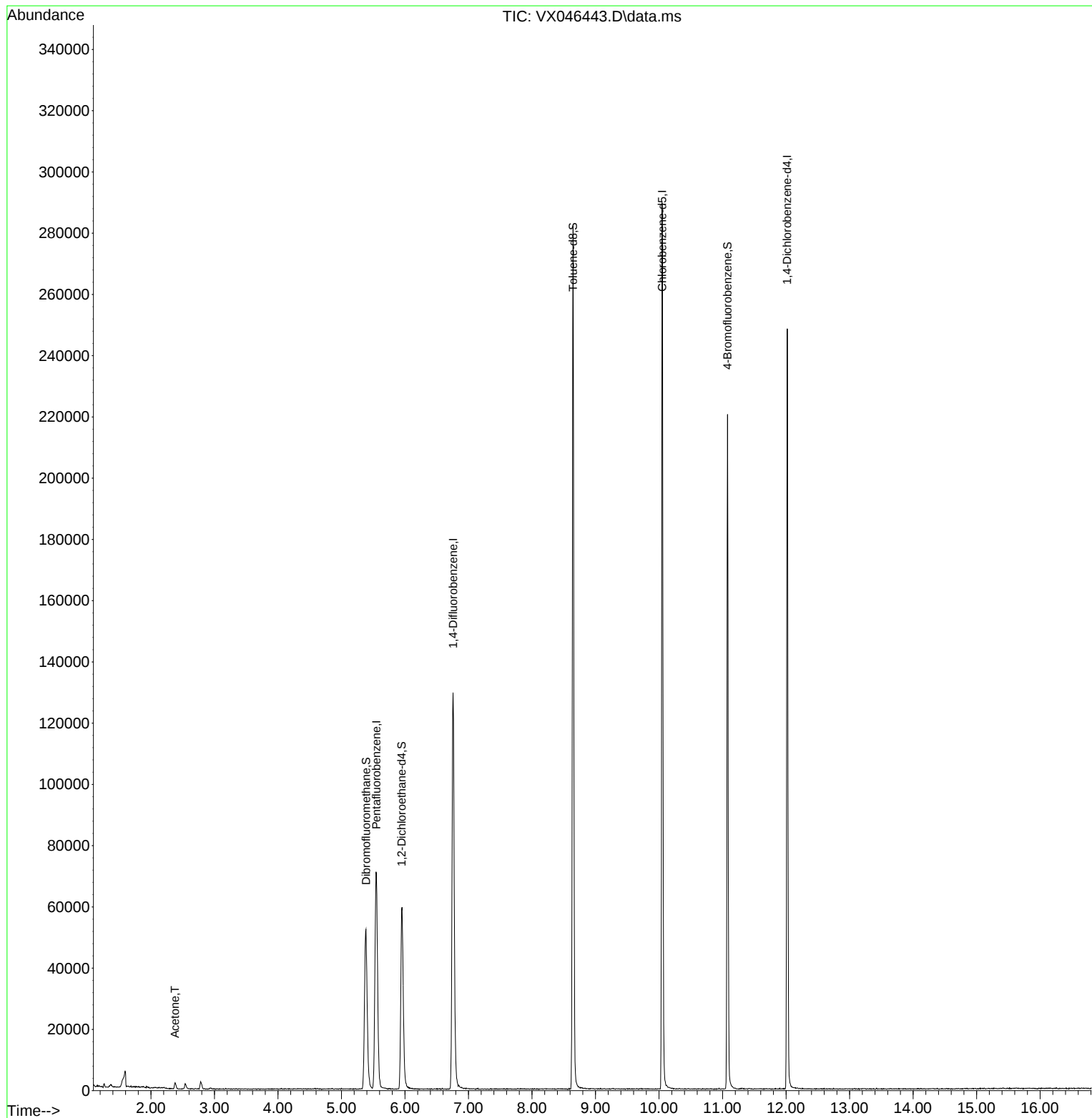
Internal Standards						
1) Pentafluorobenzene	5.550	168	60305	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	121877	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	116666	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	46245	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	62362	55.468	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.940%
35) Dibromofluoromethane	5.385	113	46036	52.454	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.900%
50) Toluene-d8	8.647	98	156104	51.390	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.780%
62) 4-Bromofluorobenzene	11.079	95	58195	49.944	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.880%
Target Compounds						
16) Acetone	2.380	43	2392	5.306	ug/l	Qvalue # 86

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

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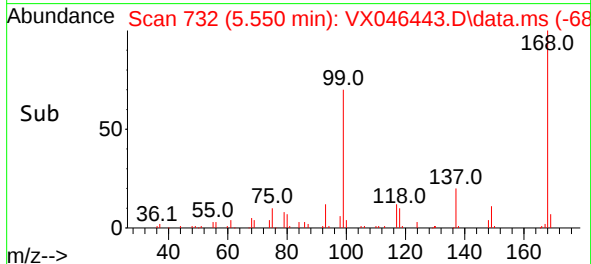
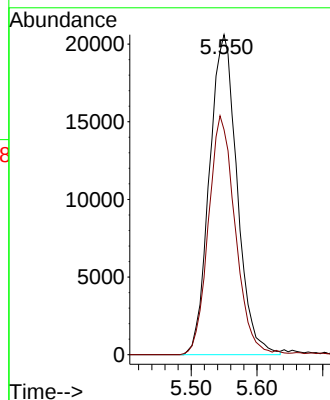
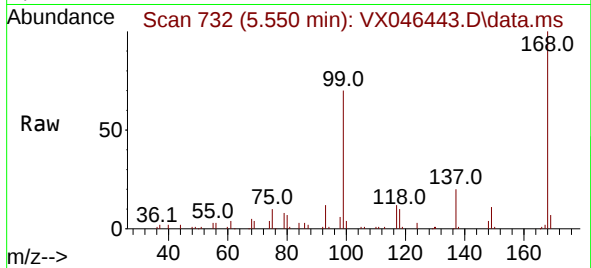




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046443.D
Acq: 02 Jun 2025 14:23

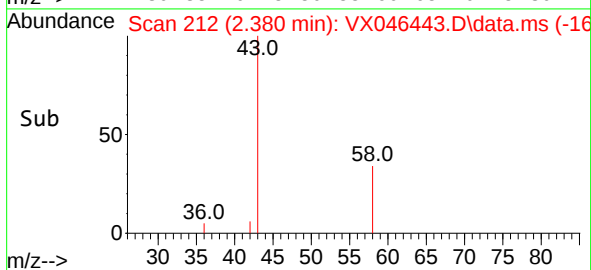
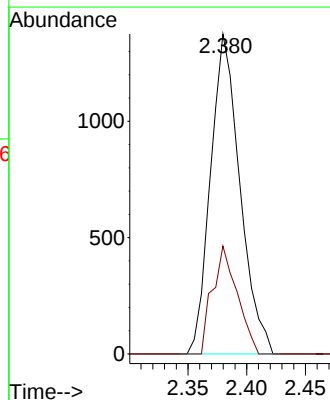
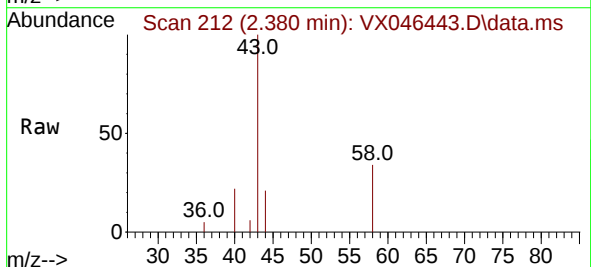
Instrument :
MSVOA_X
ClientSampleId :
EB05312025

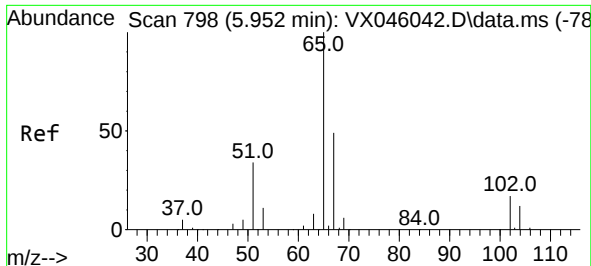
Tgt Ion:168 Resp: 60305
Ion Ratio Lower Upper
168 100
99 70.3 54.9 82.3



#16
Acetone
Concen: 5.306 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046443.D
Acq: 02 Jun 2025 14:23

Tgt Ion: 43 Resp: 2392
Ion Ratio Lower Upper
43 100
58 33.7 21.2 31.8#





#33

1,2-Dichloroethane-d4

Concen: 55.468 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX046443.D

Acq: 02 Jun 2025 14:23

Instrument :

MSVOA_X

ClientSampleId :

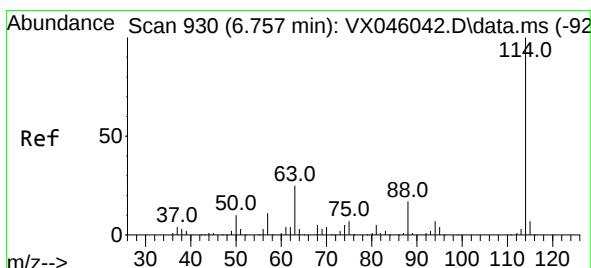
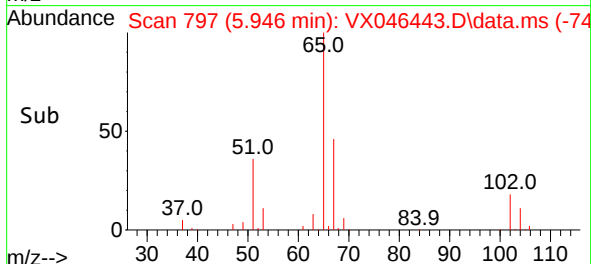
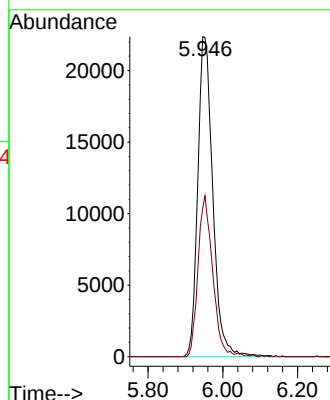
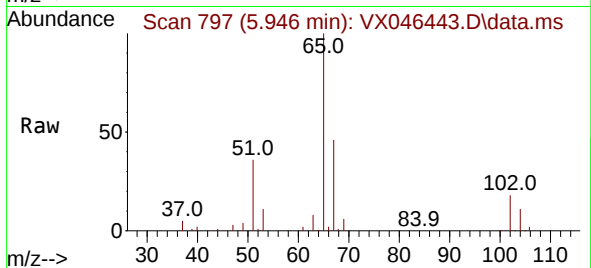
EB05312025

Tgt Ion: 65 Resp: 62362

Ion Ratio Lower Upper

65 100

67 48.6 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX046443.D

Acq: 02 Jun 2025 14:23

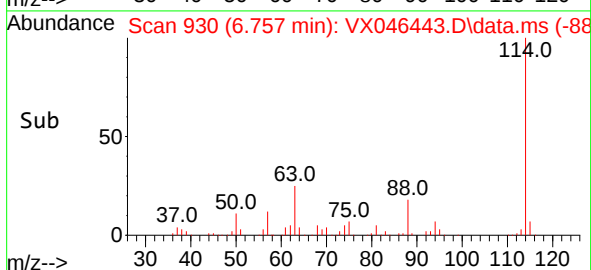
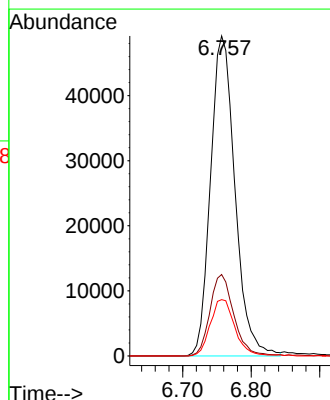
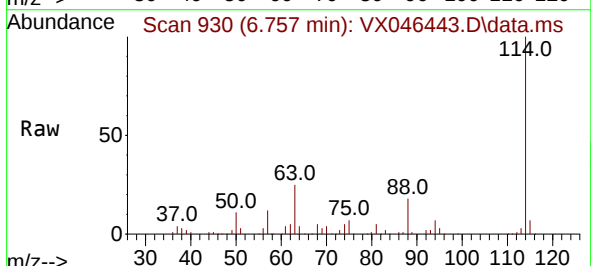
Tgt Ion: 114 Resp: 121877

Ion Ratio Lower Upper

114 100

63 25.5 0.0 49.2

88 17.6 0.0 33.6





#35

Dibromofluoromethane

Concen: 52.454 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX046443.D

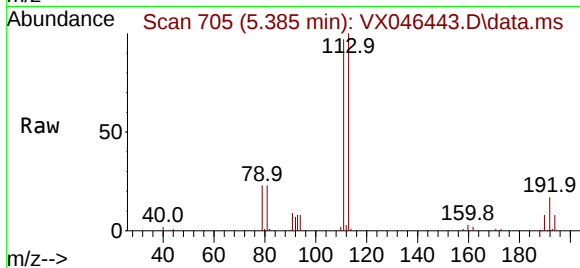
Acq: 02 Jun 2025 14:23

Instrument :

MSVOA_X

ClientSampleId :

EB05312025



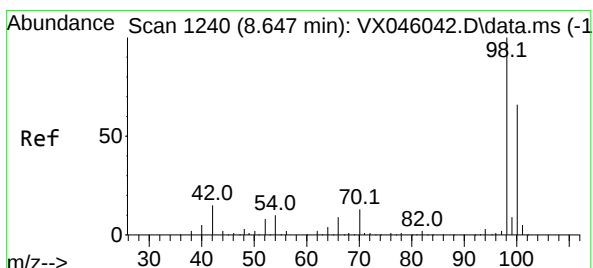
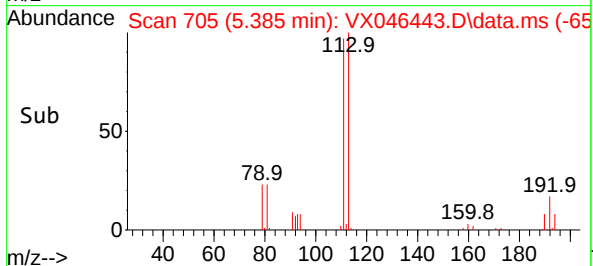
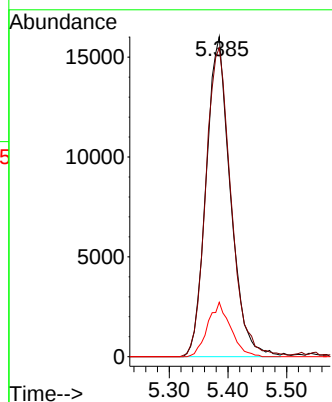
Tgt Ion:113 Resp: 46036

Ion Ratio Lower Upper

113 100

111 100.2 83.1 124.7

192 16.0 13.3 19.9



#50

Toluene-d8

Concen: 51.390 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX046443.D

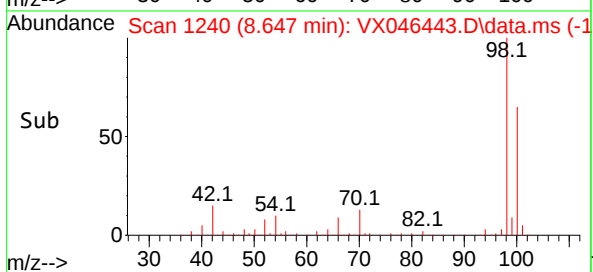
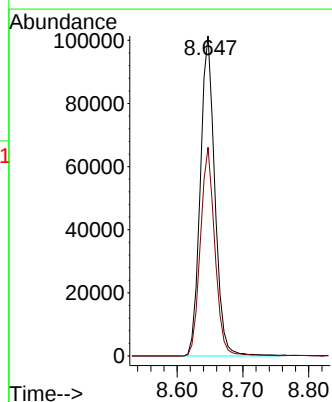
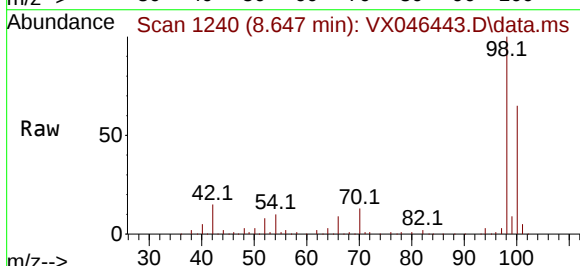
Acq: 02 Jun 2025 14:23

Tgt Ion: 98 Resp: 156104

Ion Ratio Lower Upper

98 100

100 65.0 53.5 80.3





#62

4-Bromofluorobenzene

Concen: 49.944 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX046443.D

Acq: 02 Jun 2025 14:23

Instrument :

MSVOA_X

ClientSampleId :

EB05312025

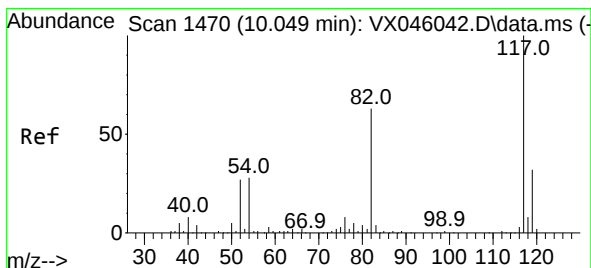
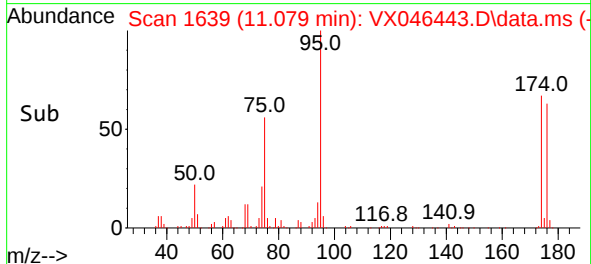
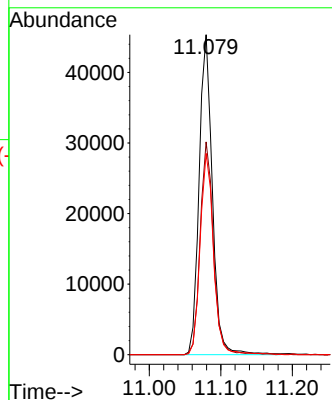
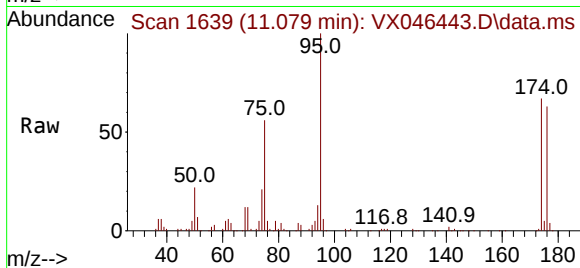
Tgt Ion: 95 Resp: 58195

Ion Ratio Lower Upper

95 100

174 66.7 0.0 135.8

176 63.6 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: VX046443.D

Acq: 02 Jun 2025 14:23

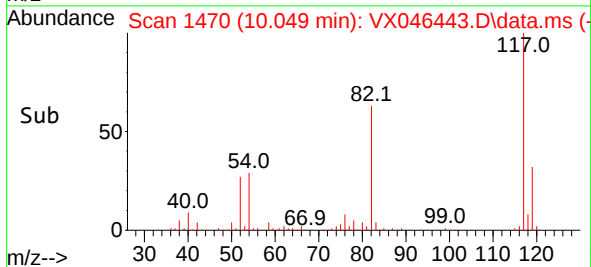
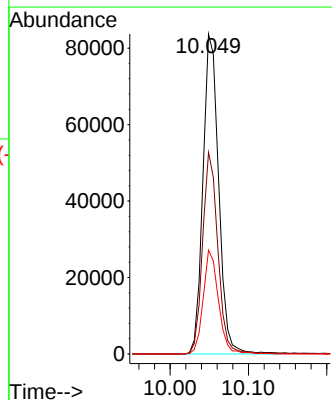
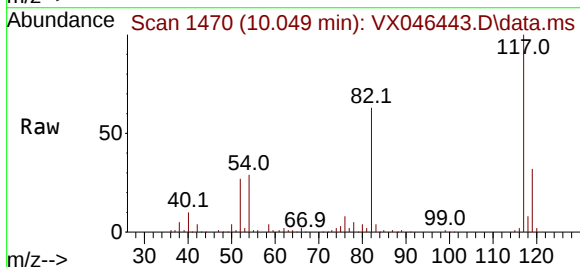
Tgt Ion: 117 Resp: 116666

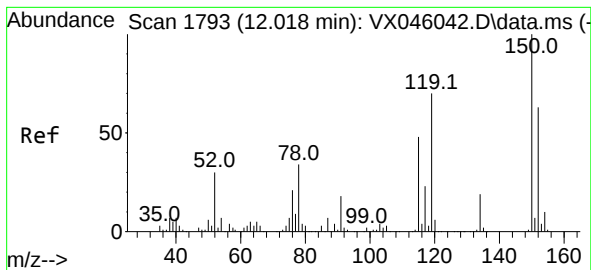
Ion Ratio Lower Upper

117 100

82 63.0 50.6 76.0

119 32.5 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX046443.D

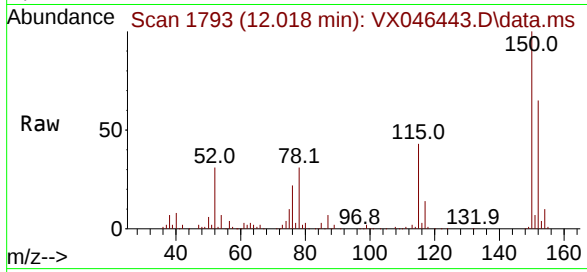
Acq: 02 Jun 2025 14:23

Instrument :

MSVOA_X

ClientSampleId :

EB05312025



Tgt Ion:152 Resp: 46245

Ion Ratio Lower Upper

152 100

115 67.2 46.9 140.7

150 155.7 0.0 351.0

