

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051625\
 Data File : VX046240.D
 Acq On : 16 May 2025 14:08
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: May 16 23:05:39 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)

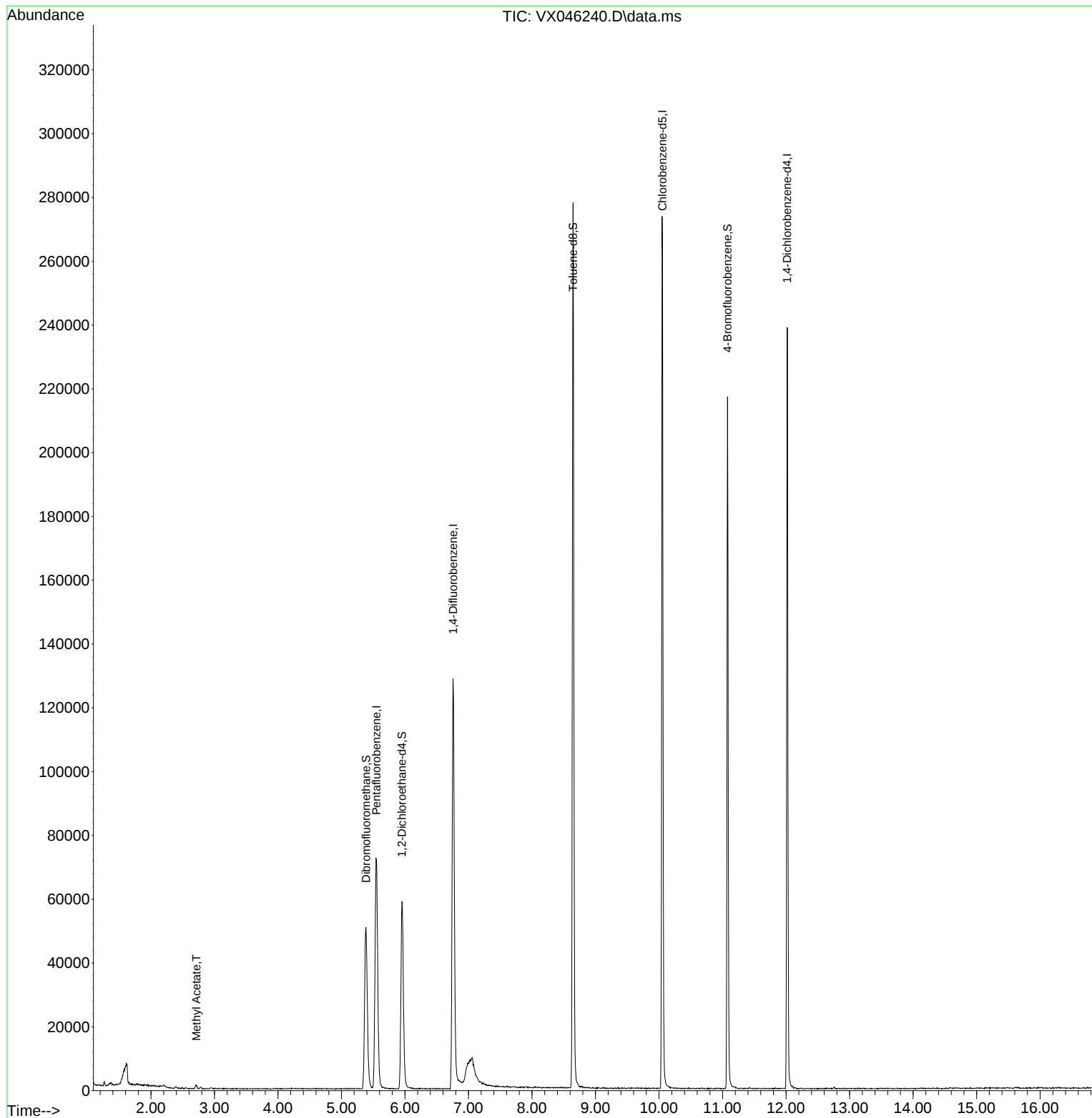
Internal Standards						
1) Pentafluorobenzene	5.550	168	62553	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	122339	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	115354	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	44231	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61831	53.020	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.040%	
35) Dibromofluoromethane	5.385	113	45411	51.547	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.100%	
50) Toluene-d8	8.647	98	154822	50.775	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.560%	
62) 4-Bromofluorobenzene	11.079	95	57347	49.031	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 98.060%	
Target Compounds						Qvalue
18) Methyl Acetate	2.715	43	1568	1.445	ug/l	96

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

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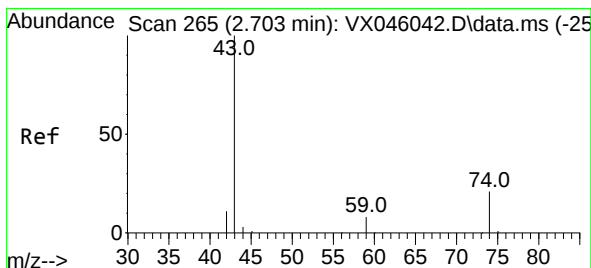
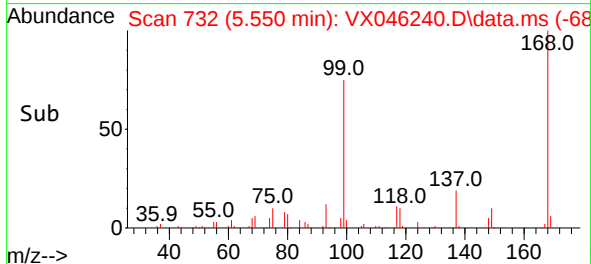
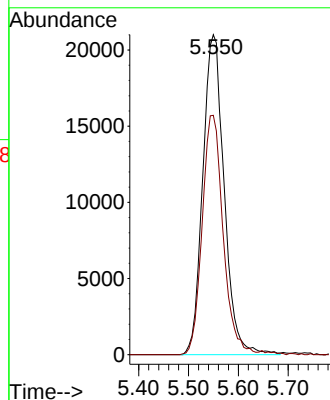
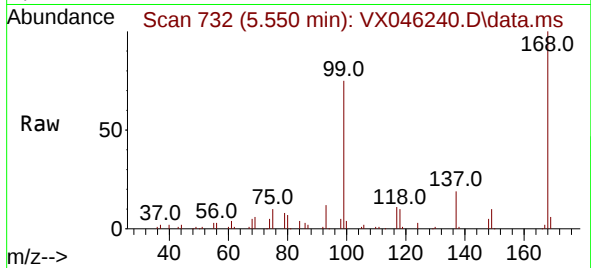




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046240.D
Acq: 16 May 2025 14:08

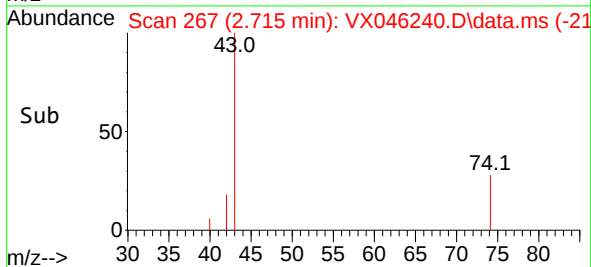
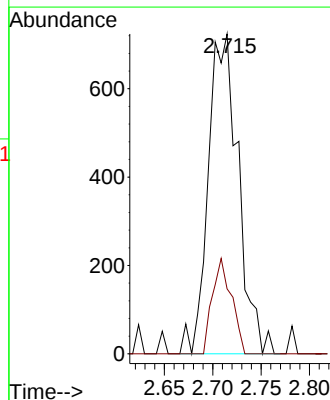
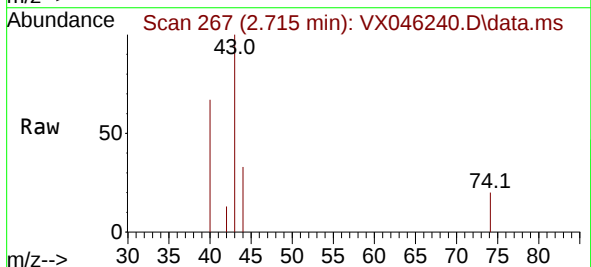
Instrument :
MSVOA_X
ClientSampleId :
IBLK

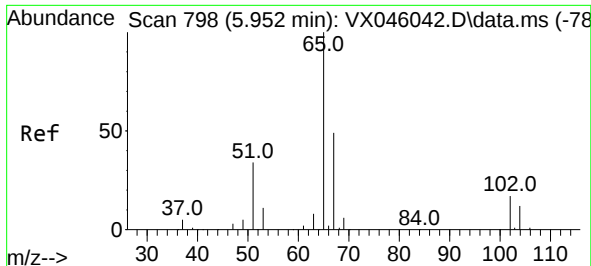
Tgt Ion:168 Resp: 62553
Ion Ratio Lower Upper
168 100
99 74.8 54.9 82.3



#18
Methyl Acetate
Concen: 1.445 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.012 min
Lab File: VX046240.D
Acq: 16 May 2025 14:08

Tgt Ion: 43 Resp: 1568
Ion Ratio Lower Upper
43 100
74 18.9 16.7 25.1





#33

1,2-Dichloroethane-d4

Concen: 53.020 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046240.D

Acq: 16 May 2025 14:08

Instrument :

MSVOA_X

ClientSampleId :

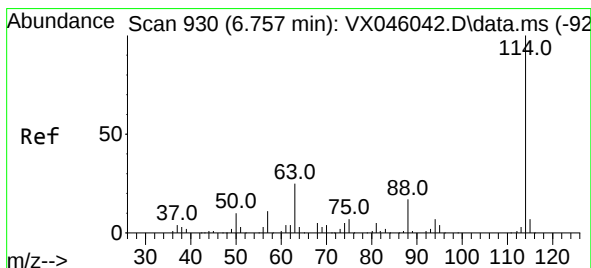
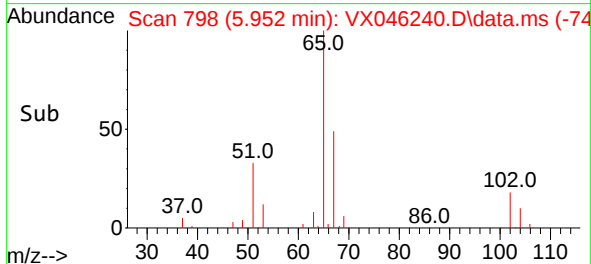
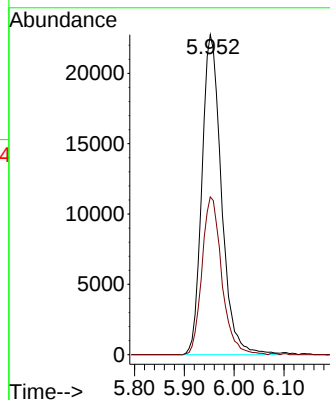
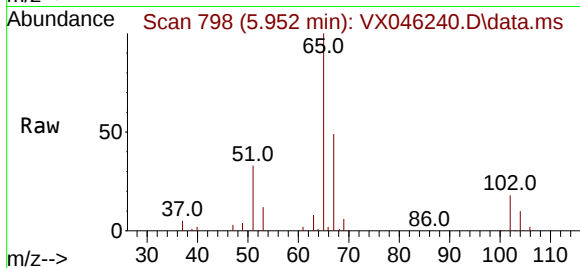
IBLK

Tgt Ion: 65 Resp: 61831

Ion Ratio Lower Upper

65 100

67 49.9 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: VX046240.D

Acq: 16 May 2025 14:08

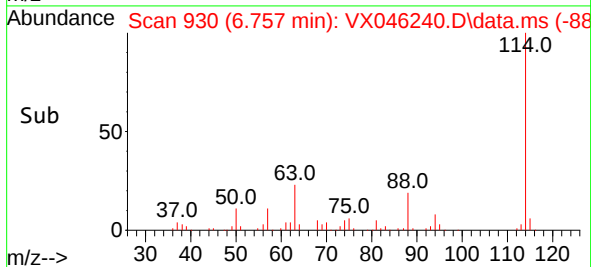
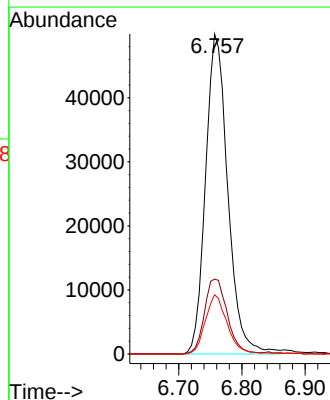
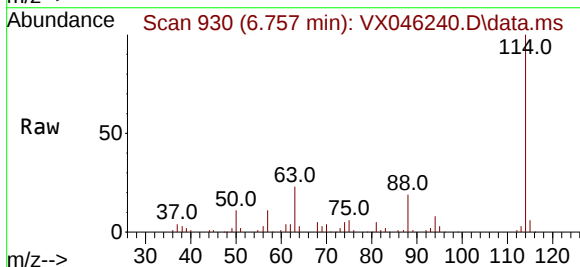
Tgt Ion: 114 Resp: 122339

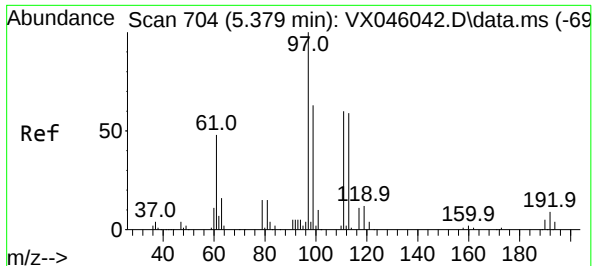
Ion Ratio Lower Upper

114 100

63 23.4 0.0 49.2

88 18.5 0.0 33.6

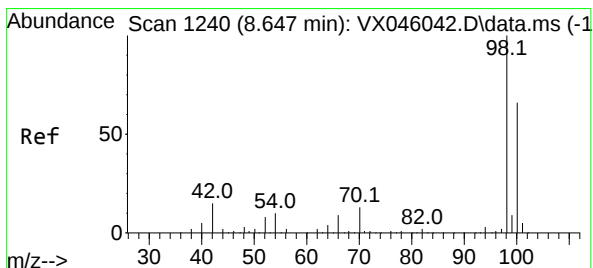
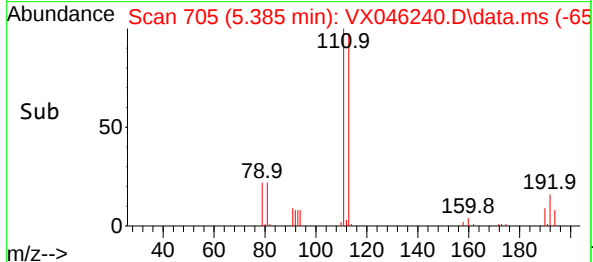
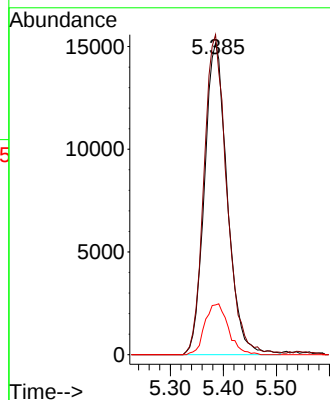
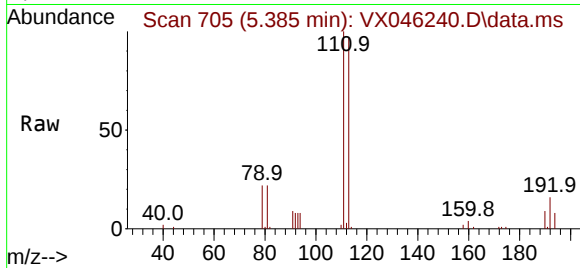




#35
Dibromofluoromethane
Concen: 51.547 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046240.D
Acq: 16 May 2025 14:08

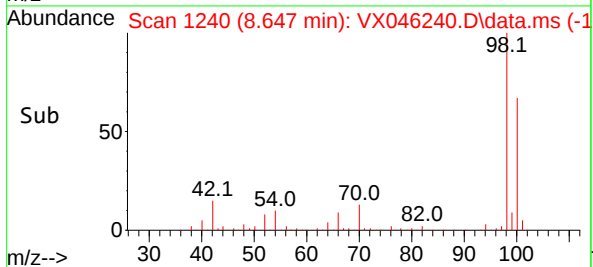
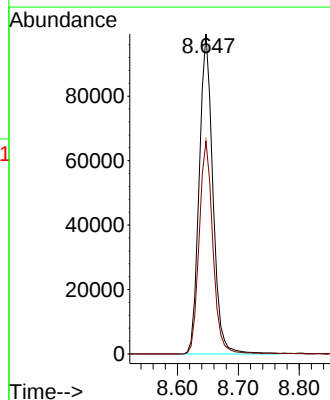
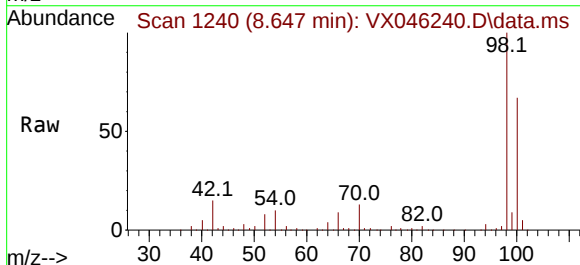
Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:113 Resp: 45411
Ion Ratio Lower Upper
113 100
111 103.0 83.1 124.7
192 16.8 13.3 19.9



#50
Toluene-d8
Concen: 50.775 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046240.D
Acq: 16 May 2025 14:08

Tgt Ion: 98 Resp: 154822
Ion Ratio Lower Upper
98 100
100 66.6 53.5 80.3





#62

4-Bromofluorobenzene

Concen: 49.031 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX046240.D

Acq: 16 May 2025 14:08

Instrument :

MSVOA_X

ClientSampleId :

IBLK

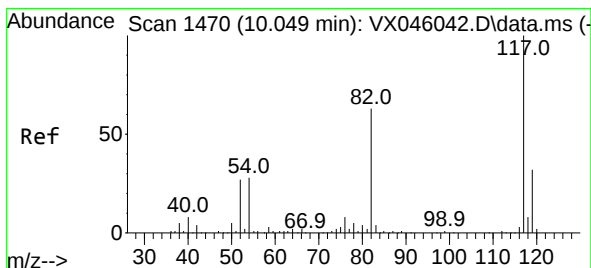
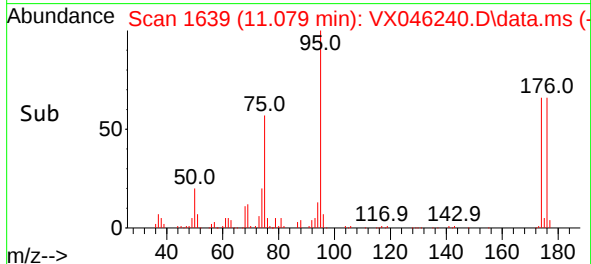
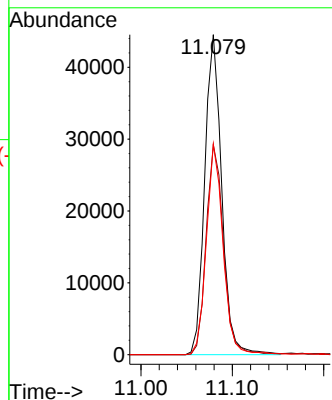
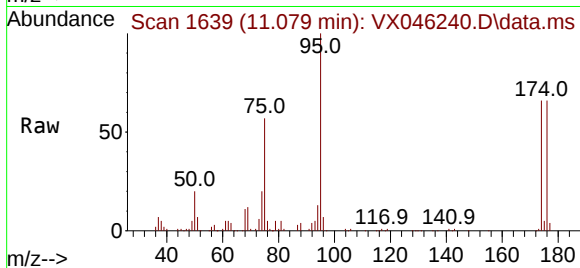
Tgt Ion: 95 Resp: 57347

Ion Ratio Lower Upper

95 100

174 67.6 0.0 135.8

176 64.8 0.0 131.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX046240.D

Acq: 16 May 2025 14:08

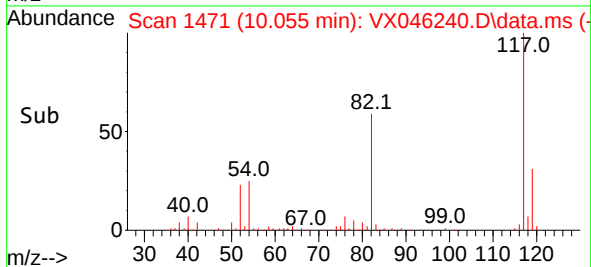
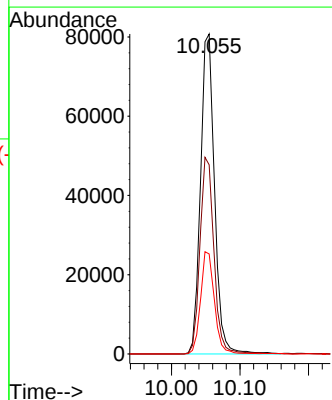
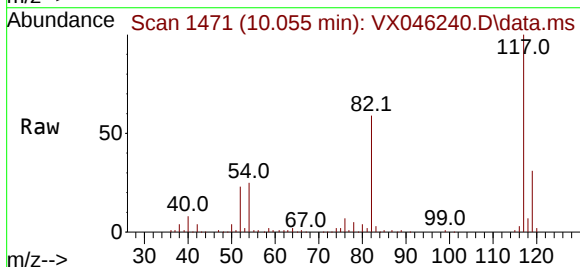
Tgt Ion: 117 Resp: 115354

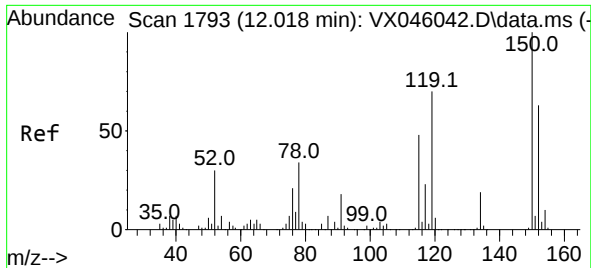
Ion Ratio Lower Upper

117 100

82 59.1 50.6 76.0

119 31.3 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: VX046240.D

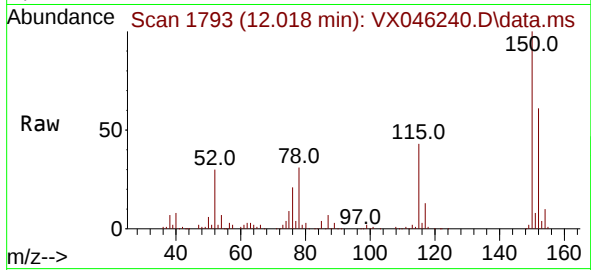
Acq: 16 May 2025 14:08

Instrument :

MSVOA_X

ClientSampleId :

IBLK



Tgt Ion:152 Resp: 44231

Ion Ratio Lower Upper

152 100

115 67.9 46.9 140.7

150 159.1 0.0 351.0

