

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052125\
 Data File : VX046304.D
 Acq On : 21 May 2025 17:48
 Operator : JC/MD
 Sample : Q2102-03 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LAW-25-0078

Quant Time: May 22 01:53:07 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)

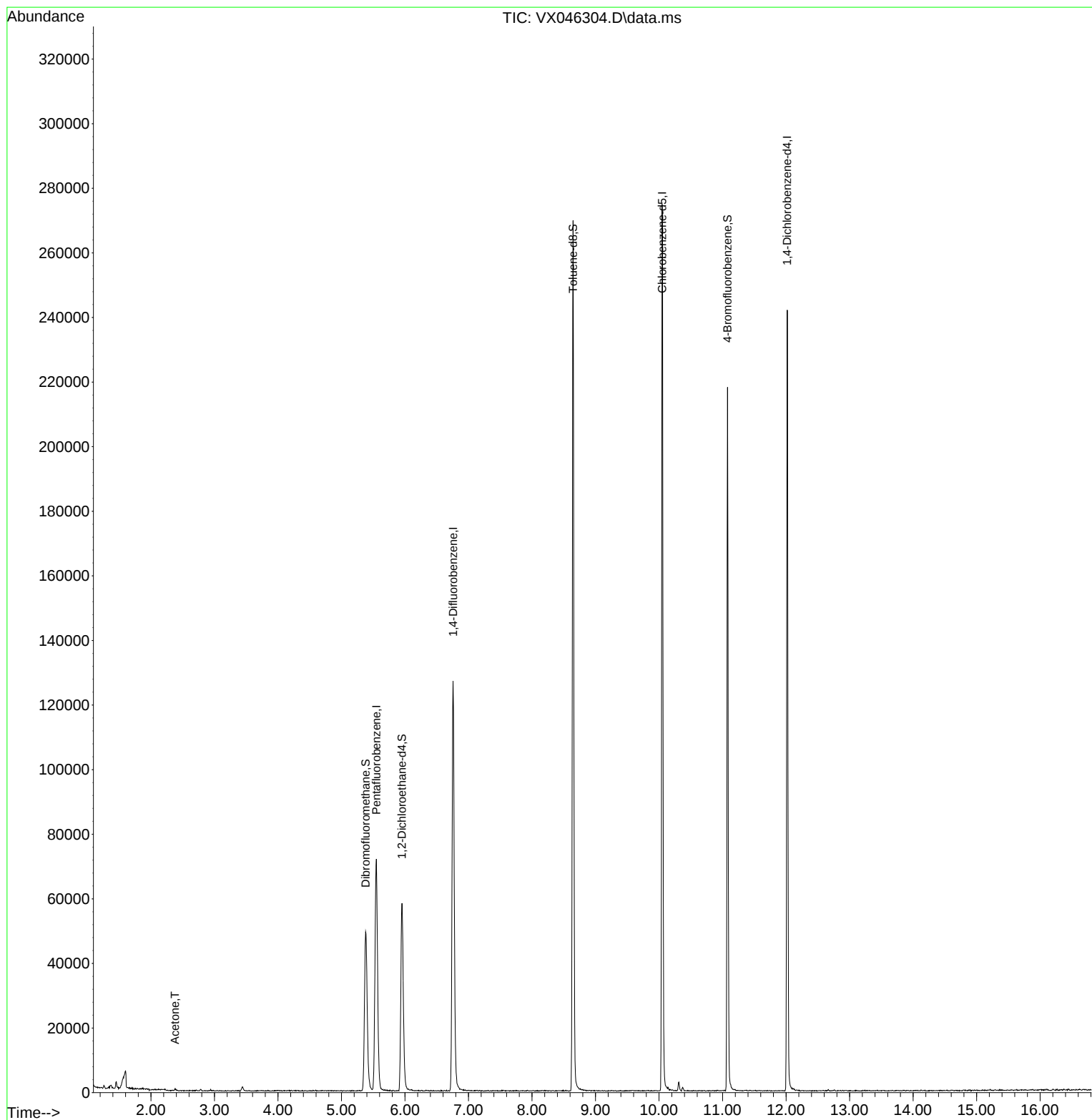
Internal Standards						
1) Pentafluorobenzene	5.550	168	60772	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	120831	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	111924	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	45729	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61301	54.106	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.220%			
35) Dibromofluoromethane	5.379	113	43568	50.072	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.140%			
50) Toluene-d8	8.647	98	152859	50.757	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.520%			
62) 4-Bromofluorobenzene	11.079	95	56576	48.975	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.960%			
Target Compounds						
16) Acetone	2.380	43	492	1.083	ug/l	95

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

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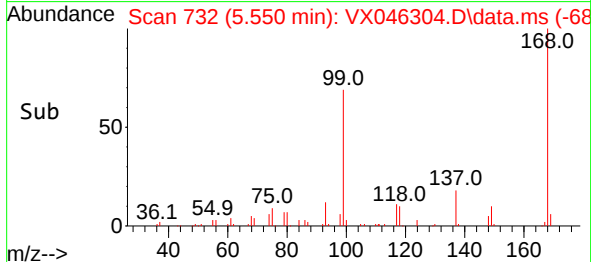
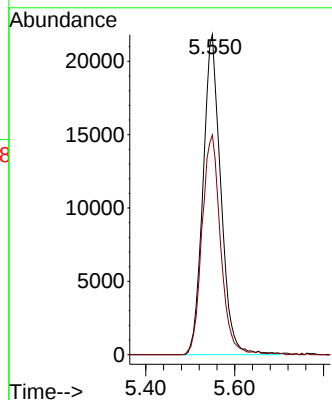
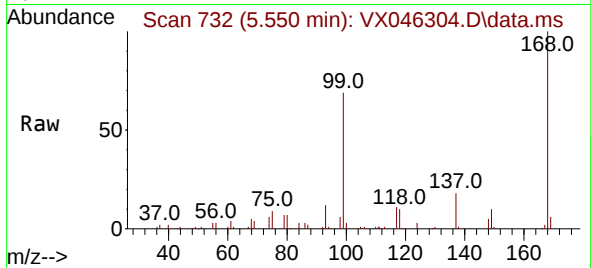




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046304.D
Acq: 21 May 2025 17:48

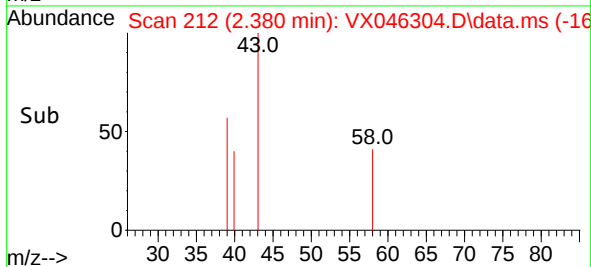
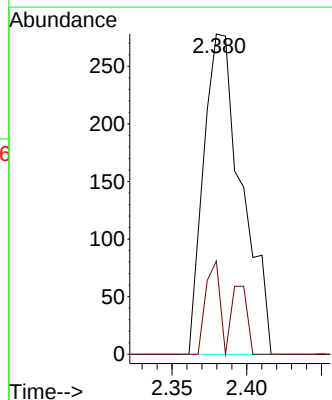
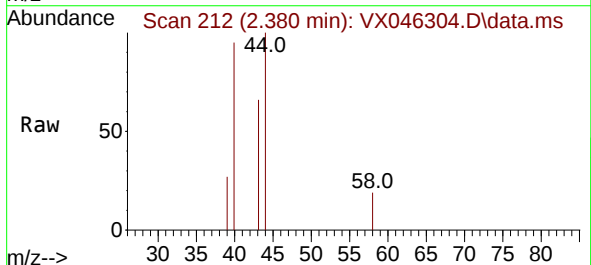
Instrument :
MSVOA_X
ClientSampleId :
LAW-25-0078

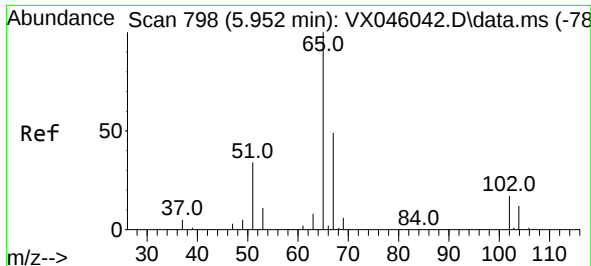
Tgt Ion:168 Resp: 60772
Ion Ratio Lower Upper
168 100
99 68.7 54.9 82.3



#16
Acetone
Concen: 1.083 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046304.D
Acq: 21 May 2025 17:48

Tgt Ion: 43 Resp: 492
Ion Ratio Lower Upper
43 100
58 29.1 21.2 31.8

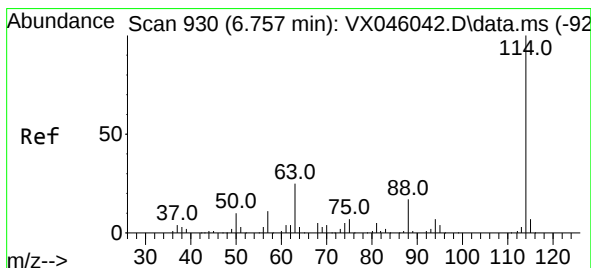
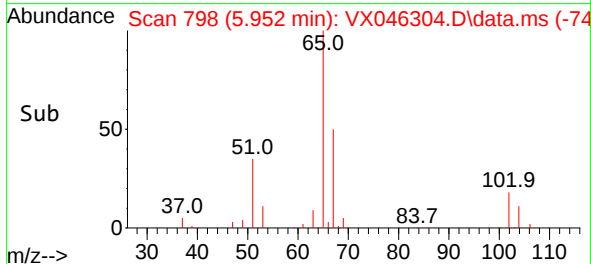
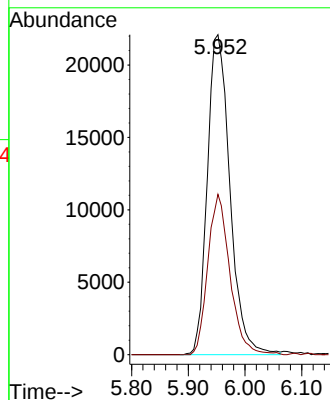
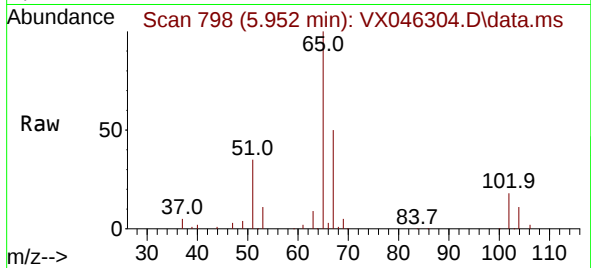




#33
 1,2-Dichloroethane-d4
 Concen: 54.106 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX046304.D
 Acq: 21 May 2025 17:48

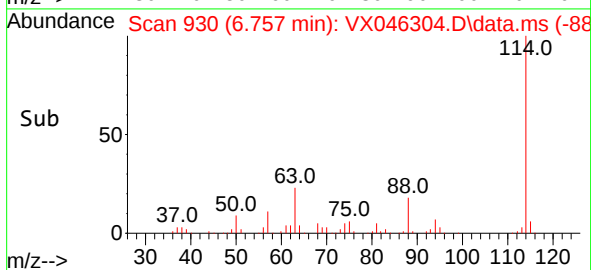
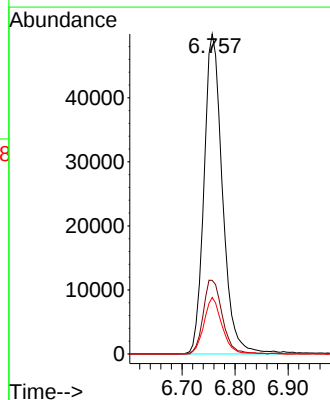
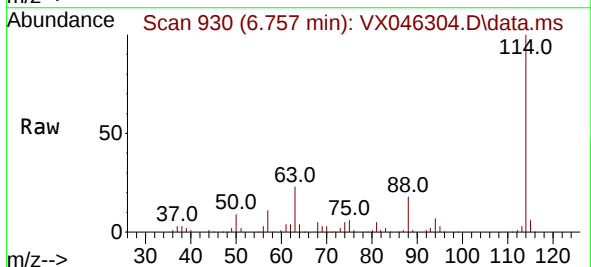
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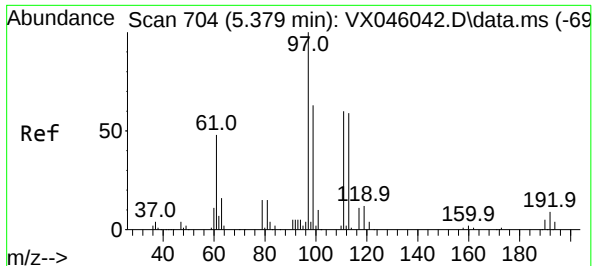
Tgt Ion: 65 Resp: 61301
 Ion Ratio Lower Upper
 65 100
 67 48.9 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX046304.D
 Acq: 21 May 2025 17:48

Tgt Ion: 114 Resp: 120831
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 49.2
 88 17.6 0.0 33.6





#35

Dibromofluoromethane

Concen: 50.072 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX046304.D

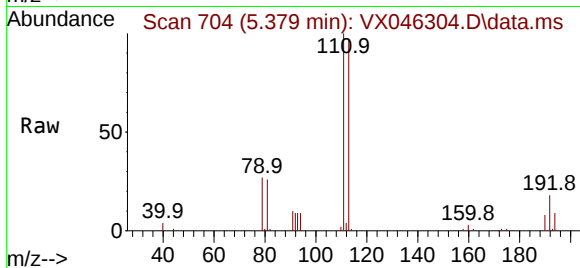
Acq: 21 May 2025 17:48

Instrument :

MSVOA_X

ClientSampleId :

LAW-25-0078



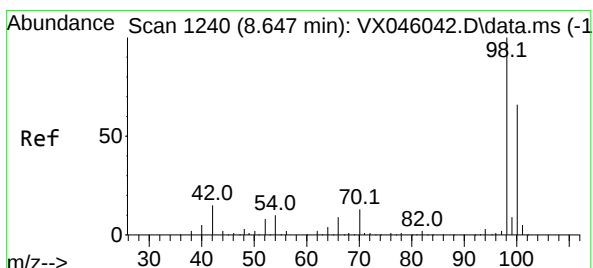
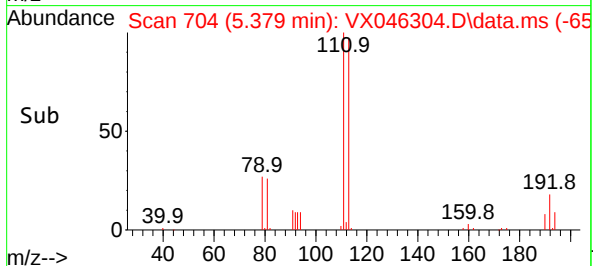
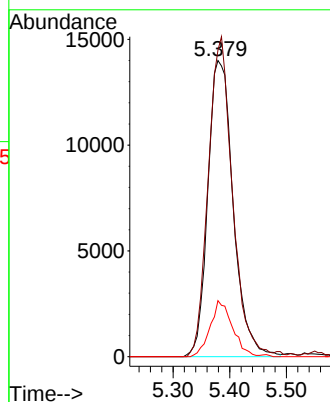
Tgt Ion:113 Resp: 43568

Ion Ratio Lower Upper

113 100

111 102.8 83.1 124.7

192 16.6 13.3 19.9



#50

Toluene-d8

Concen: 50.757 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX046304.D

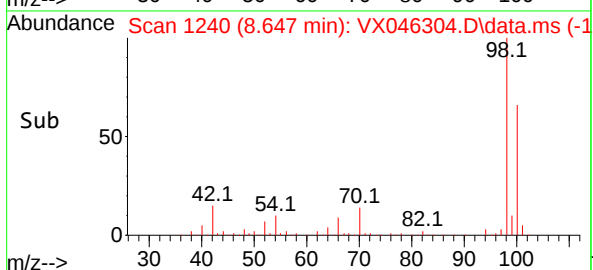
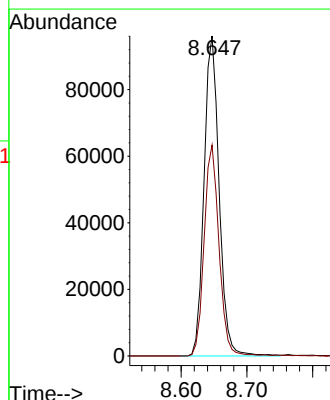
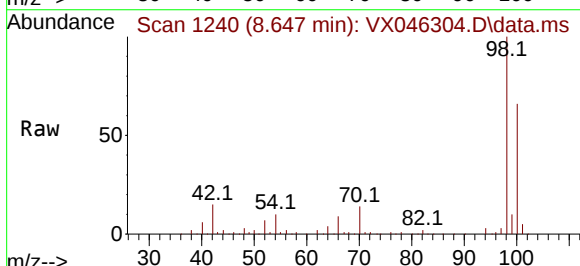
Acq: 21 May 2025 17:48

Tgt Ion: 98 Resp: 152859

Ion Ratio Lower Upper

98 100

100 65.1 53.5 80.3

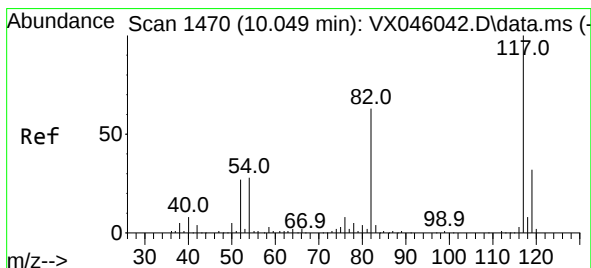
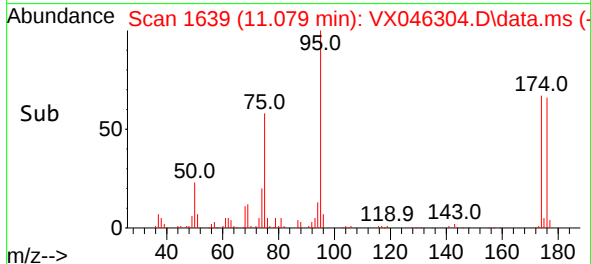
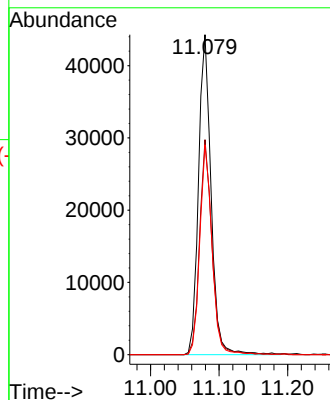
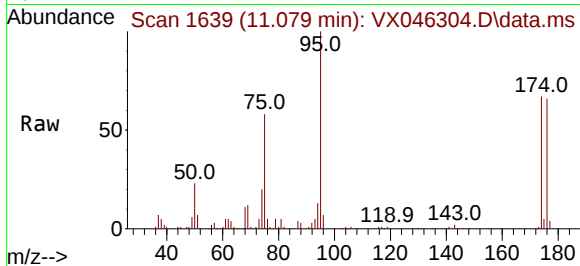




#62
4-Bromofluorobenzene
Concen: 48.975 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046304.D
Acq: 21 May 2025 17:48

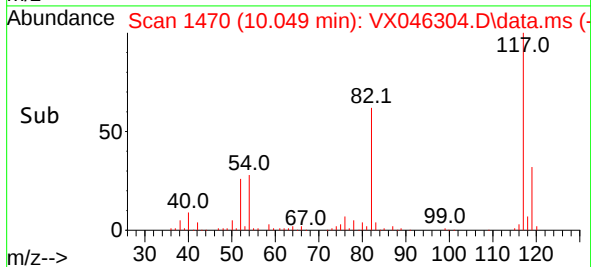
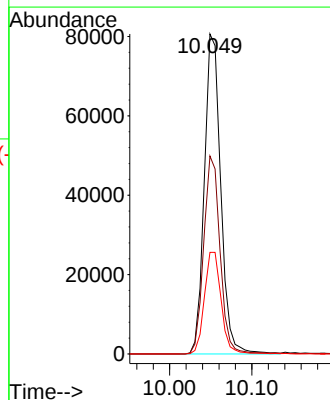
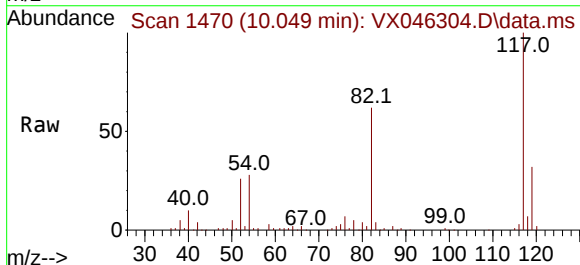
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Tgt Ion: 95 Resp: 56576
Ion Ratio Lower Upper
95 100
174 66.4 0.0 135.8
176 63.9 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046304.D
Acq: 21 May 2025 17:48

Tgt Ion: 117 Resp: 111924
Ion Ratio Lower Upper
117 100
82 61.9 50.6 76.0
119 31.8 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: VX046304.D

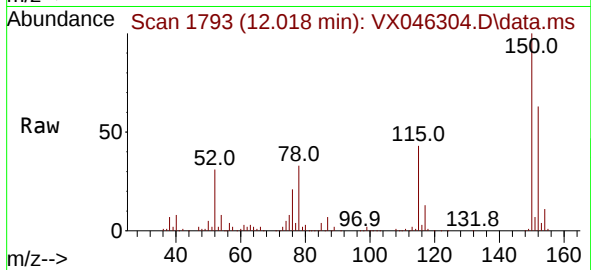
Acq: 21 May 2025 17:48

Instrument :

MSVOA_X

ClientSampleId :

LAW-25-0078



Tgt Ion:152 Resp: 45729

Ion Ratio Lower Upper

152 100

115 64.5 46.9 140.7

150 156.2 0.0 351.0

