

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
 Data File : VX046971.D
 Acq On : 14 Jul 2025 14:19
 Operator : JC/MD
 Sample : Q2526-02
 Misc : 1.50g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LAW-25-0101

Quant Time: Jul 15 01:20:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

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

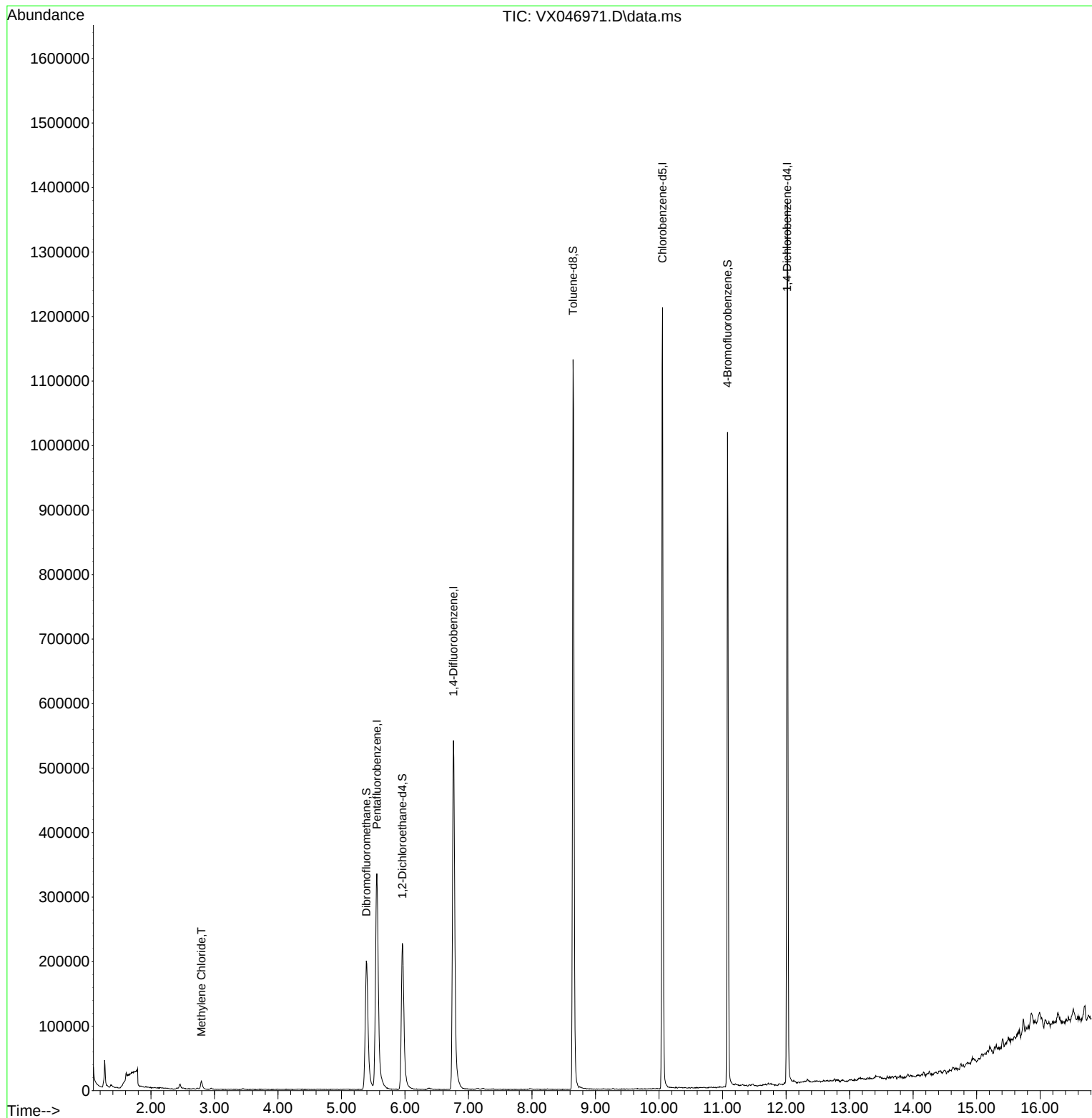
Internal Standards						
1) Pentafluorobenzene	5.556	168	351581	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	602744	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	552519	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	282136	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	244670	52.677	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.360%			
35) Dibromofluoromethane	5.391	113	197443	48.258	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.520%			
50) Toluene-d8	8.647	98	704729	48.819	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.640%			
62) 4-Bromofluorobenzene	11.079	95	281153	51.246	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.500%			
Target Compounds						
20) Methylene Chloride	2.794	84	5942	1.393	ug/l	Qvalue 90

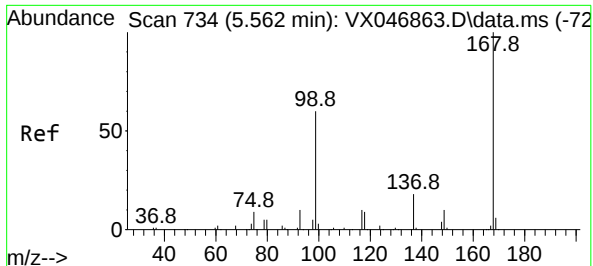
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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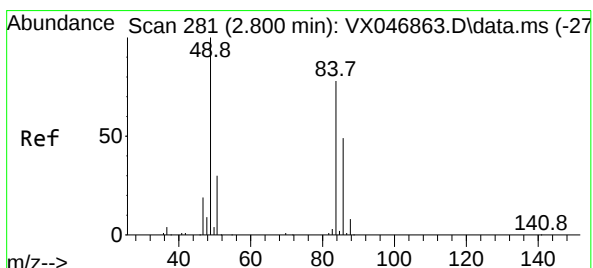
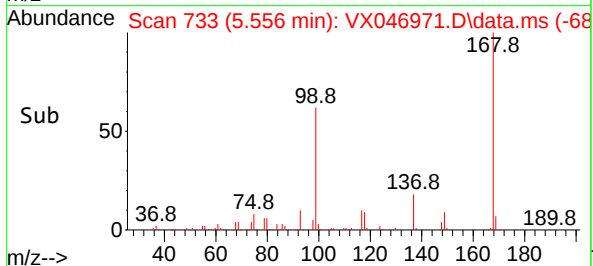
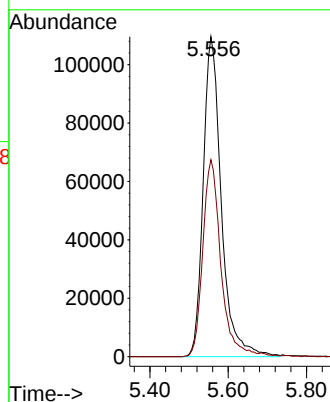
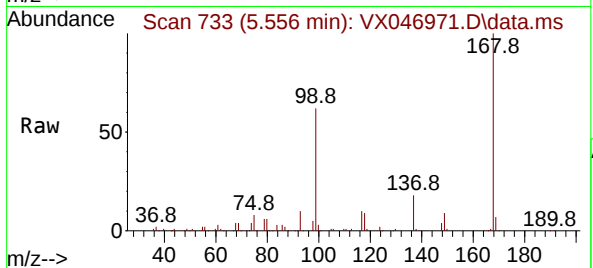




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX046971.D
Acq: 14 Jul 2025 14:19

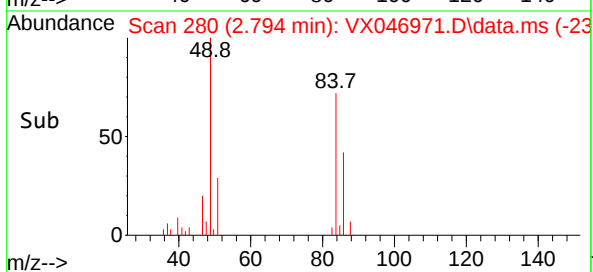
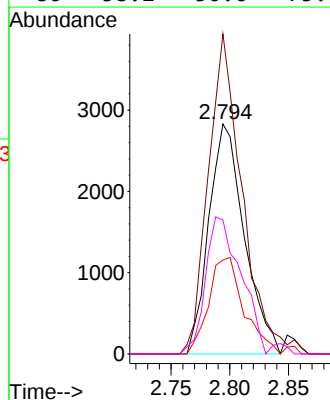
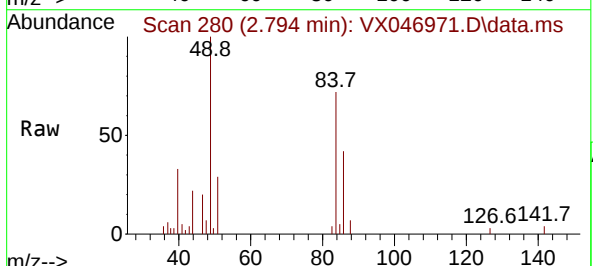
Instrument :
MSVOA_X
ClientSampleId :
LAW-25-0101

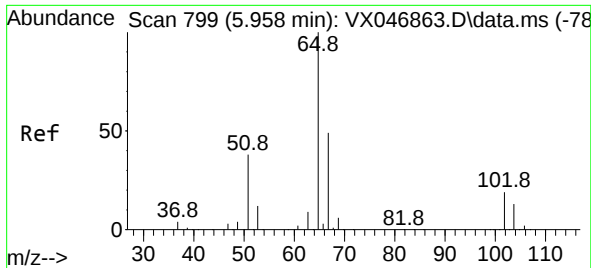
Tgt Ion:168 Resp: 351581
Ion Ratio Lower Upper
168 100
99 61.6 48.8 73.2



#20
Methylene Chloride
Concen: 1.393 ug/l
RT: 2.794 min Scan# 280
Delta R.T. -0.006 min
Lab File: VX046971.D
Acq: 14 Jul 2025 14:19

Tgt Ion: 84 Resp: 5942
Ion Ratio Lower Upper
84 100
49 144.0 102.8 154.2
51 40.9 31.1 46.7
86 58.2 50.6 75.8

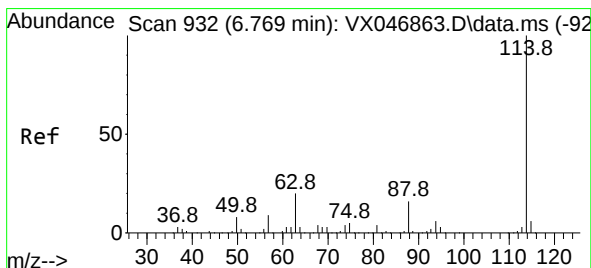
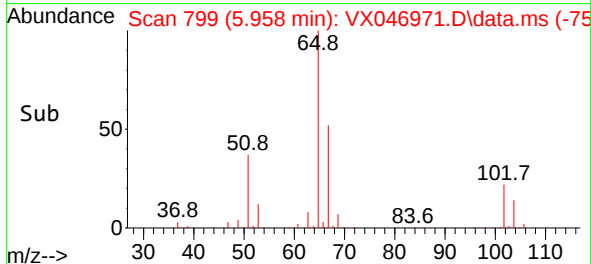
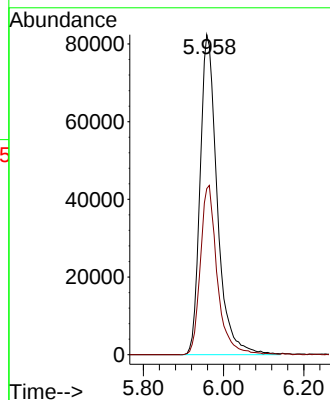
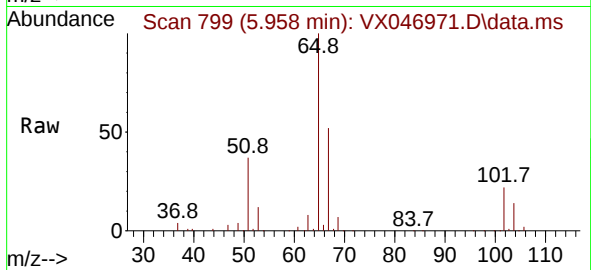




#33
 1,2-Dichloroethane-d4
 Concen: 52.677 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX046971.D
 Acq: 14 Jul 2025 14:19

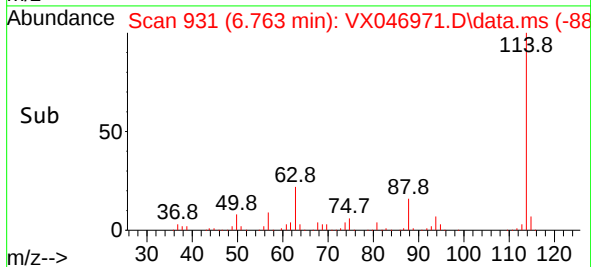
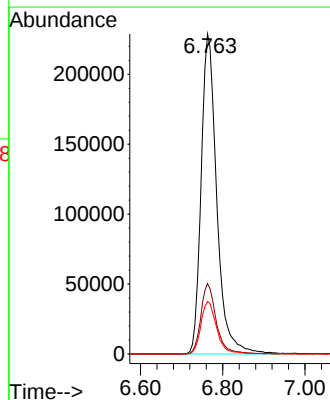
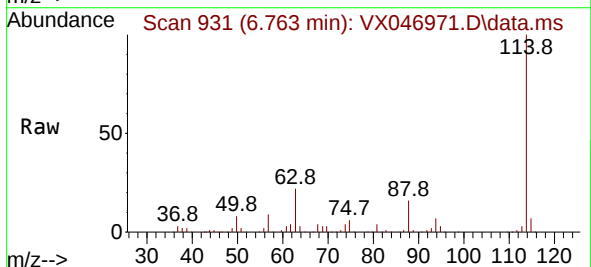
Instrument :
 MSVOA_X
 ClientSampleId :
 LAW-25-0101

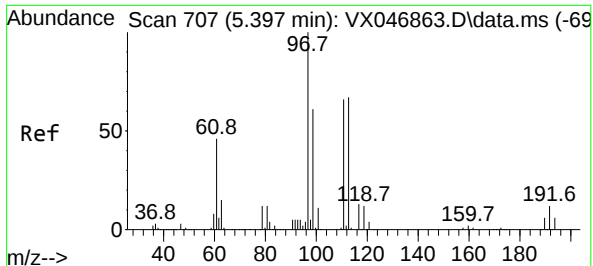
Tgt Ion: 65 Resp: 244670
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.006 min
 Lab File: VX046971.D
 Acq: 14 Jul 2025 14:19

Tgt Ion: 114 Resp: 602744
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 40.4
 88 16.3 0.0 31.0





#35

Dibromofluoromethane

Concen: 48.258 ug/l

RT: 5.391 min Scan# 70

Delta R.T. -0.006 min

Lab File: VX046971.D

Acq: 14 Jul 2025 14:19

Instrument :

MSVOA_X

ClientSampleId :

LAW-25-0101

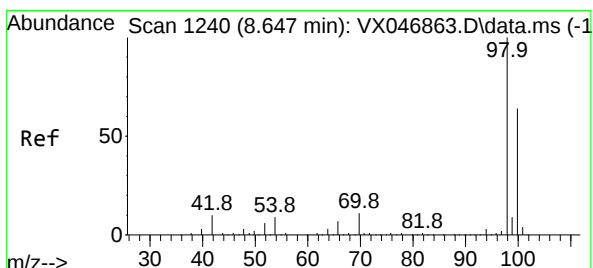
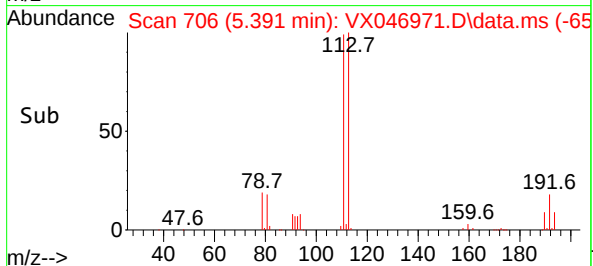
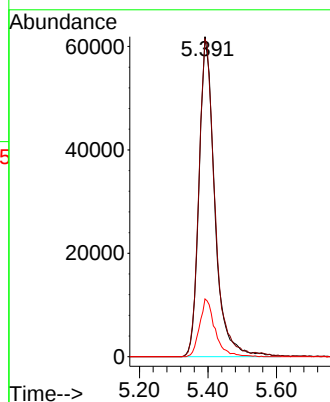
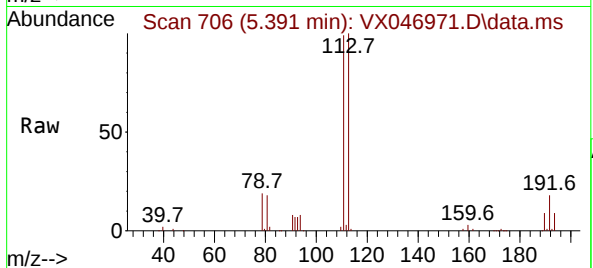
Tgt Ion:113 Resp: 197443

Ion Ratio Lower Upper

113 100

111 100.2 81.2 121.8

192 17.9 15.3 22.9



#50

Toluene-d8

Concen: 48.819 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX046971.D

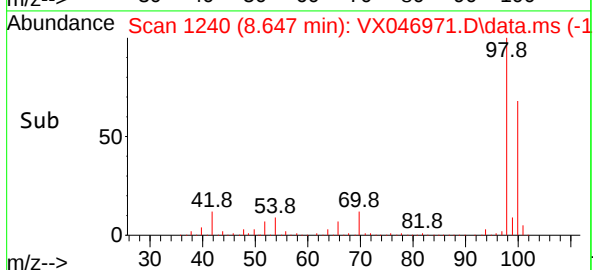
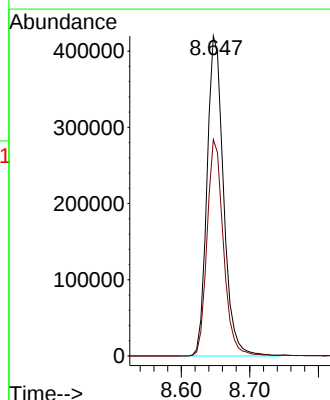
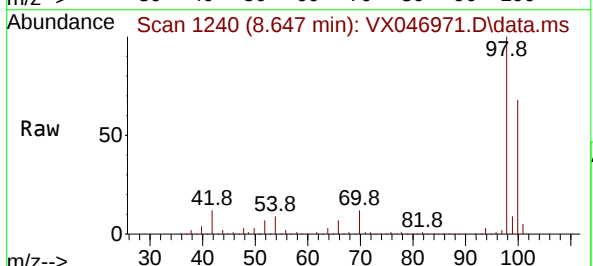
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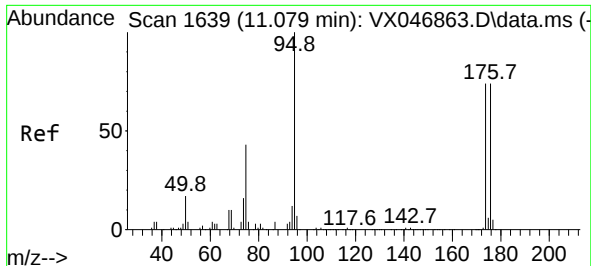
Tgt Ion: 98 Resp: 704729

Ion Ratio Lower Upper

98 100

100 66.9 53.0 79.6

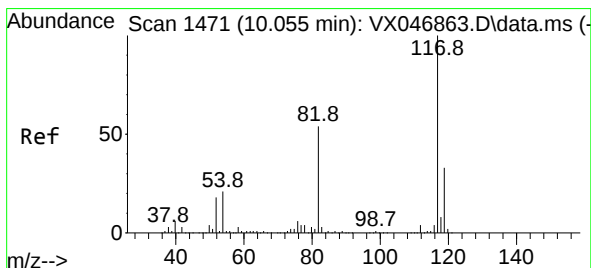
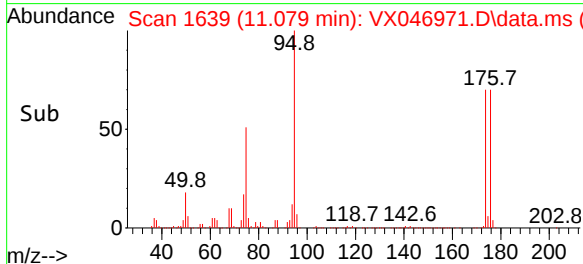
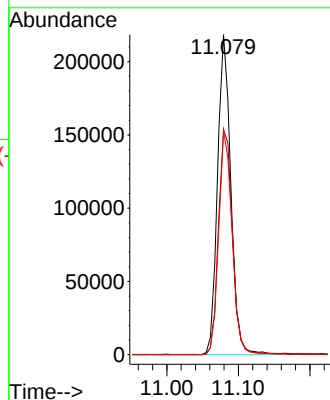
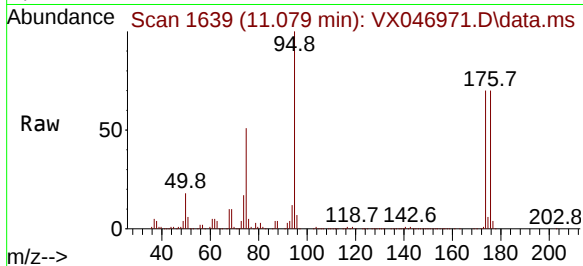




#62
4-Bromofluorobenzene
Concen: 51.246 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046971.D
Acq: 14 Jul 2025 14:19

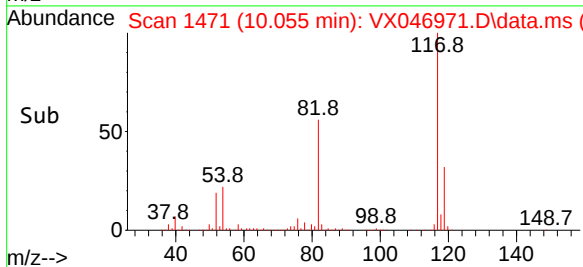
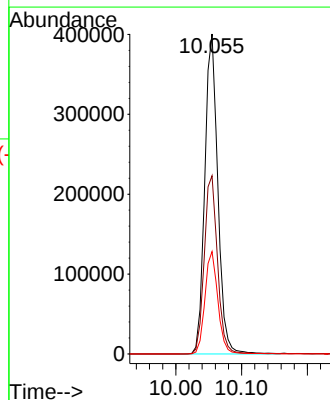
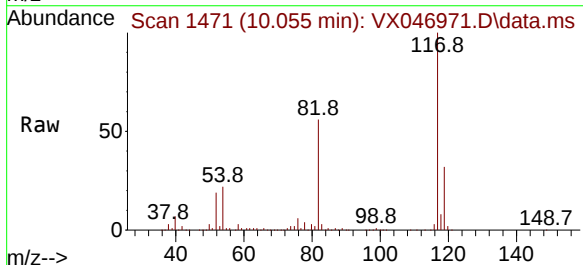
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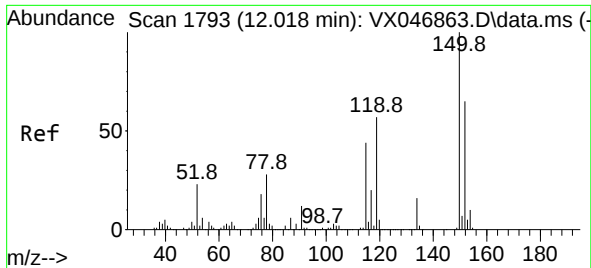
Tgt Ion: 95 Resp: 281153
Ion Ratio Lower Upper
95 100
174 74.0 0.0 152.0
176 71.2 0.0 145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046971.D
Acq: 14 Jul 2025 14:19

Tgt Ion: 117 Resp: 552519
Ion Ratio Lower Upper
117 100
82 55.7 43.3 64.9
119 32.0 26.4 39.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX046971.D

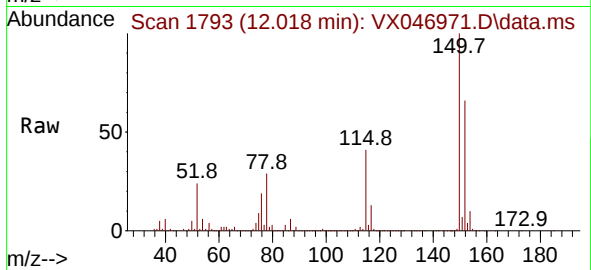
Acq: 14 Jul 2025 14:19

Instrument :

MSVOA_X

ClientSampleId :

LAW-25-0101



Tgt Ion:152 Resp: 282136

Ion Ratio Lower Upper

152 100

115 60.3 42.4 127.1

150 154.5 0.0 349.2

