

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
 Data File : VX046970.D
 Acq On : 14 Jul 2025 13:58
 Operator : JC/MD
 Sample : Q2523-01
 Misc : 2.50g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MOO-25-0190

Quant Time: Jul 15 01:20:16 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)

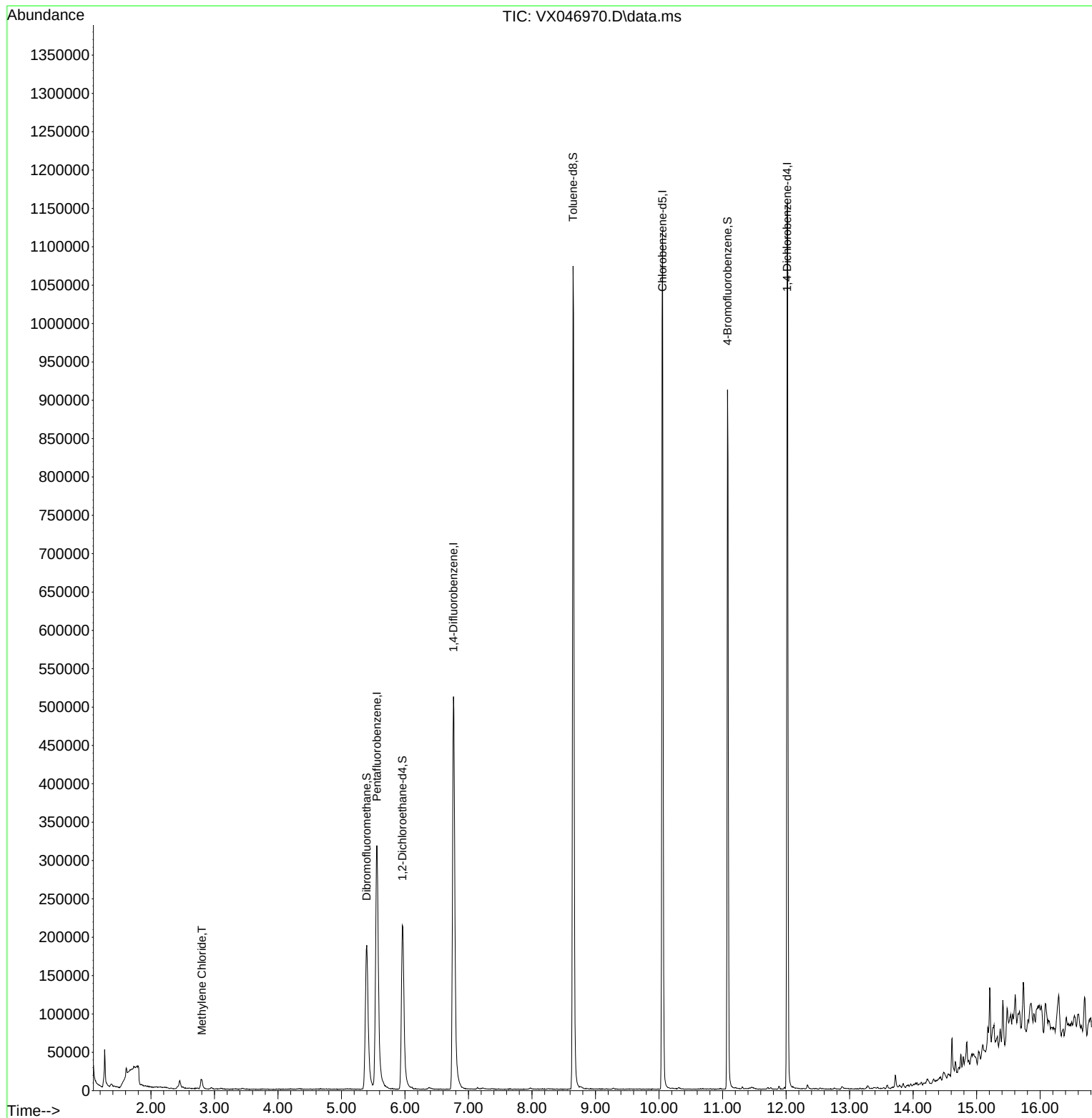
Internal Standards						
1) Pentafluorobenzene	5.556	168	330016	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	573133	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	510806	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	242432	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	233480	53.553	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	107.100%
35) Dibromofluoromethane	5.397	113	182733	46.970	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.940%
50) Toluene-d8	8.647	98	662656	48.276	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.560%
62) 4-Bromofluorobenzene	11.079	95	255002	48.881	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.760%
Target Compounds						Qvalue
20) Methylene Chloride	2.800	84	7094	1.771	ug/l	93

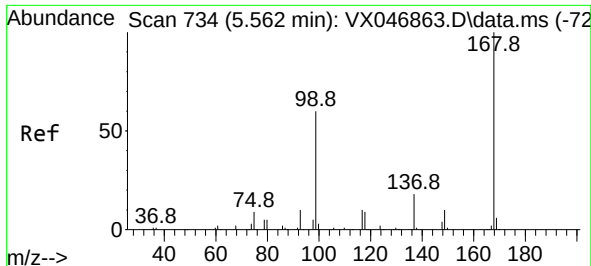
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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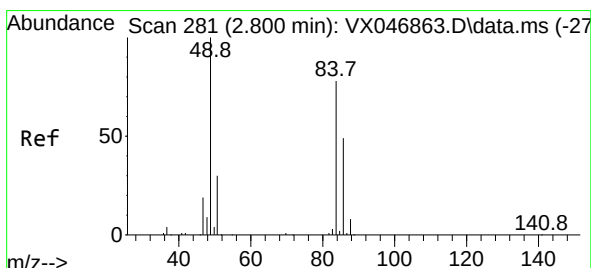
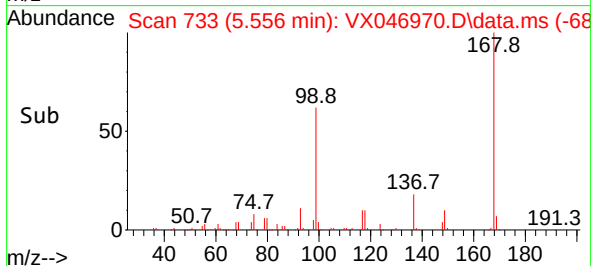
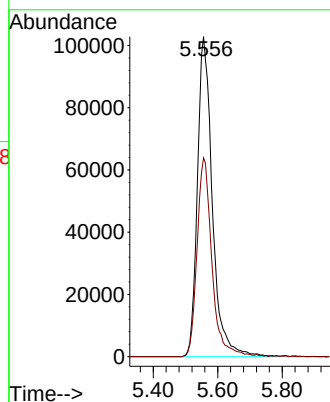
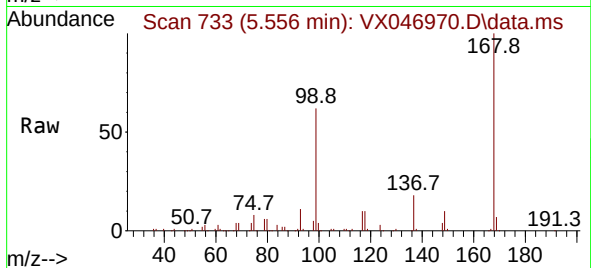




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX046970.D
Acq: 14 Jul 2025 13:58

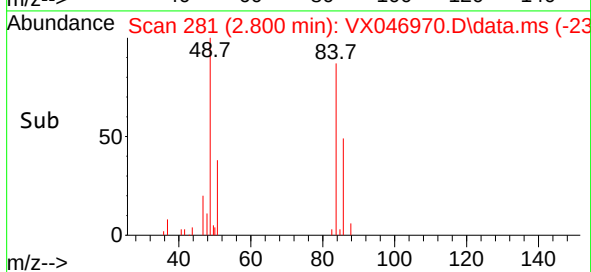
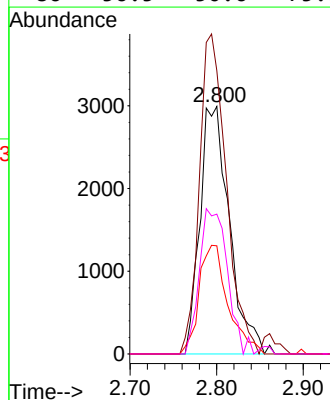
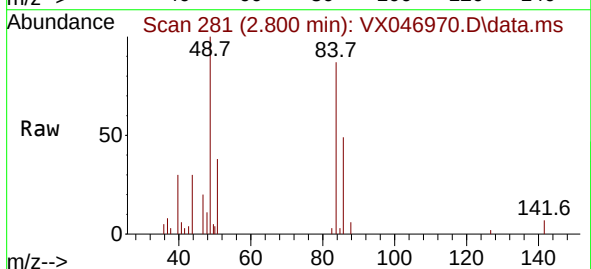
Instrument :
MSVOA_X
ClientSampleId :
MOO-25-0190

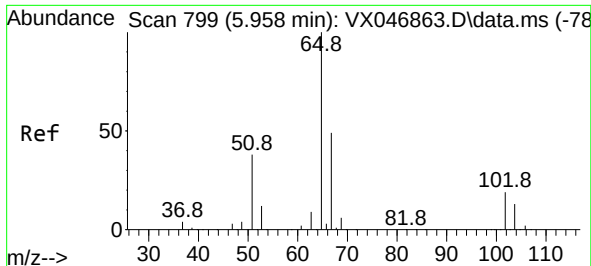
Tgt Ion:168 Resp: 330016
Ion Ratio Lower Upper
168 100
99 62.2 48.8 73.2



#20
Methylene Chloride
Concen: 1.771 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.000 min
Lab File: VX046970.D
Acq: 14 Jul 2025 13:58

Tgt Ion: 84 Resp: 7094
Ion Ratio Lower Upper
84 100
49 120.7 102.8 154.2
51 43.7 31.1 46.7
86 56.5 50.6 75.8

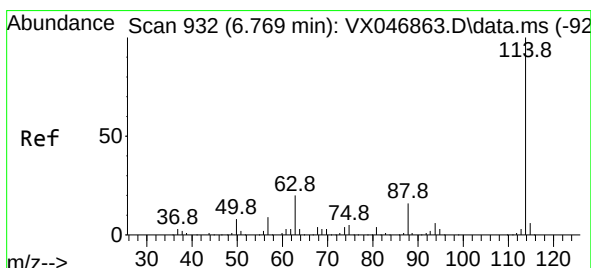
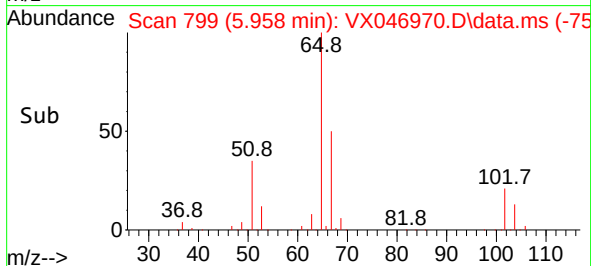
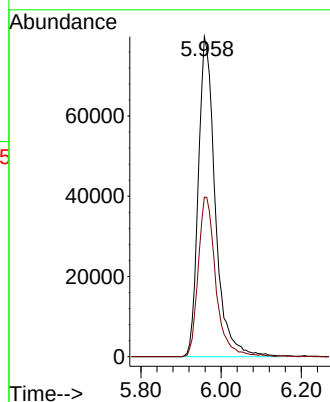
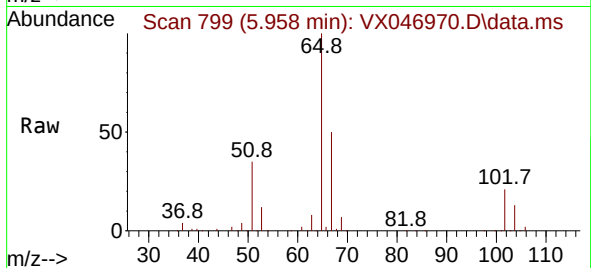




#33
 1,2-Dichloroethane-d4
 Concen: 53.553 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX046970.D
 Acq: 14 Jul 2025 13:58

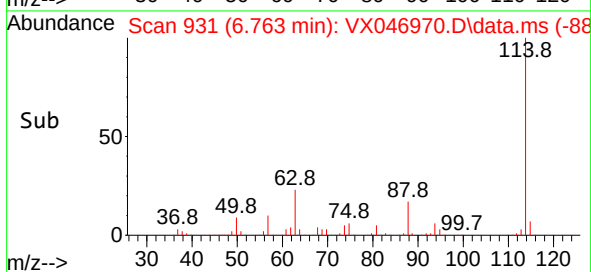
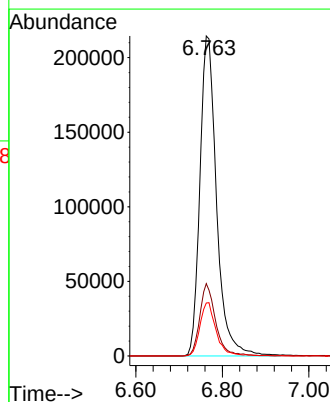
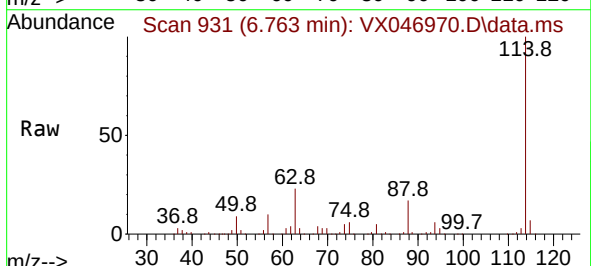
Instrument :
 MSVOA_X
 ClientSampleId :
 MOO-25-0190

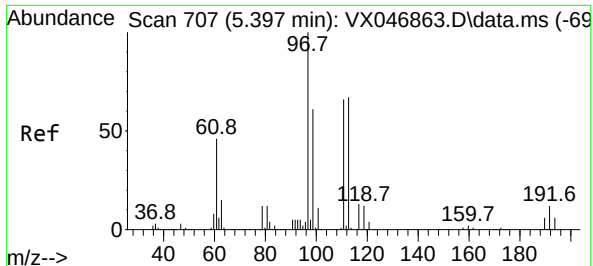
Tgt Ion: 65 Resp: 233480
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.006 min
 Lab File: VX046970.D
 Acq: 14 Jul 2025 13:58

Tgt Ion: 114 Resp: 573133
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 40.4
 88 16.6 0.0 31.0





#35

Dibromofluoromethane

Concen: 46.970 ug/l

RT: 5.397 min Scan# 707

Delta R.T. -0.000 min

Lab File: VX046970.D

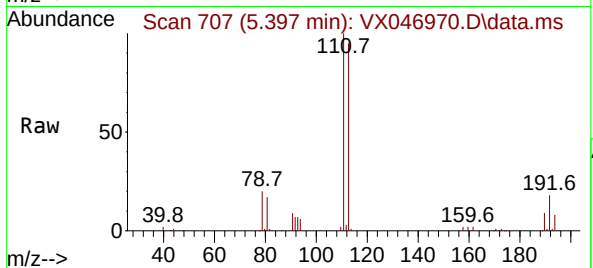
Acq: 14 Jul 2025 13:58

Instrument :

MSVOA_X

ClientSampleId :

MOO-25-0190



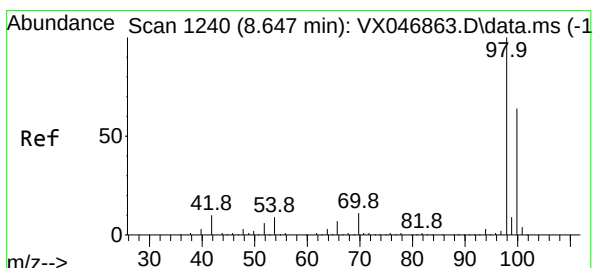
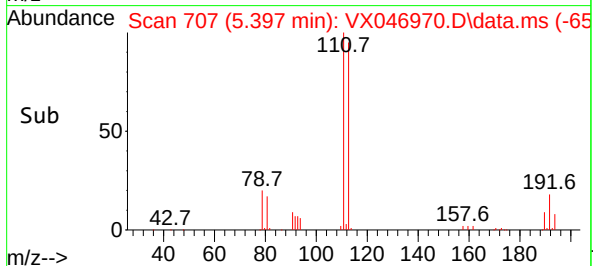
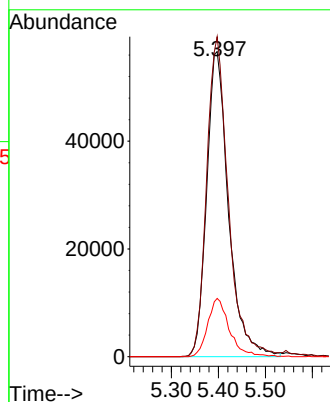
Tgt Ion:113 Resp: 182733

Ion Ratio Lower Upper

113 100

111 103.9 81.2 121.8

192 19.0 15.3 22.9



#50

Toluene-d8

Concen: 48.276 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX046970.D

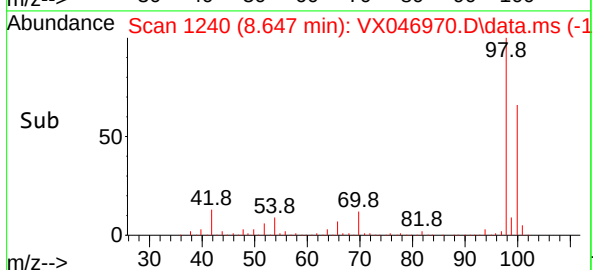
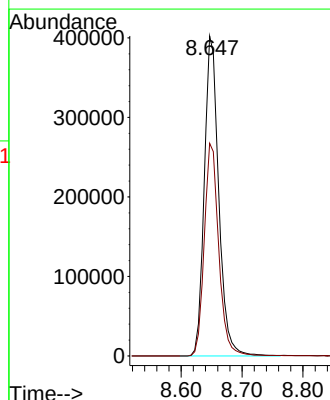
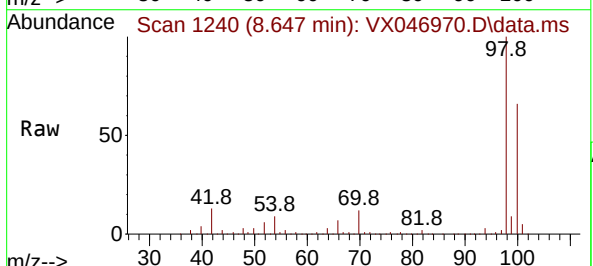
Acq: 14 Jul 2025 13:58

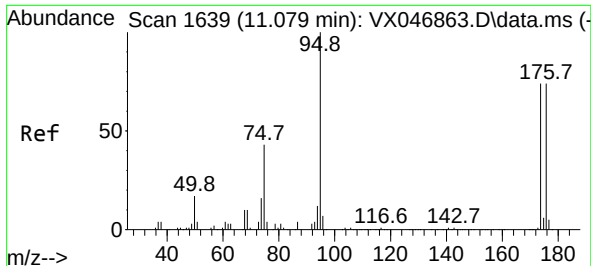
Tgt Ion: 98 Resp: 662656

Ion Ratio Lower Upper

98 100

100 66.7 53.0 79.6

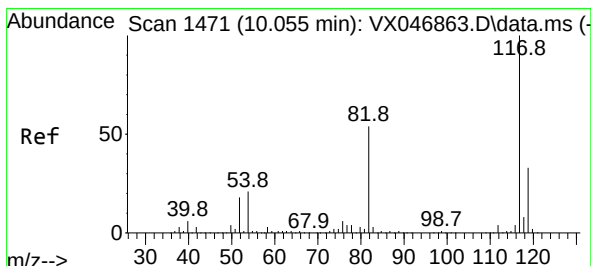
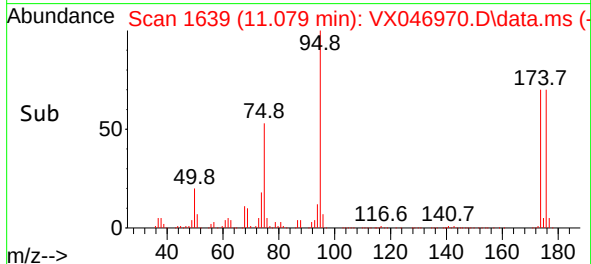
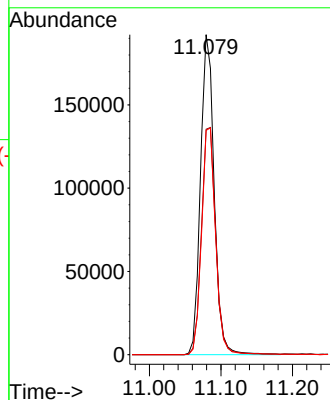
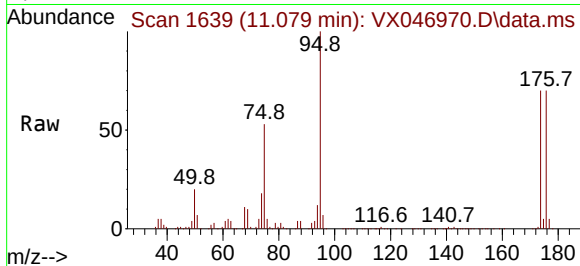




#62
4-Bromofluorobenzene
Concen: 48.881 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046970.D
Acq: 14 Jul 2025 13:58

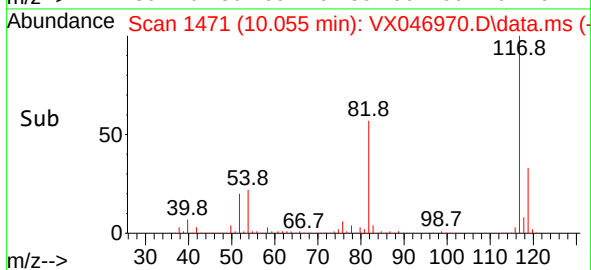
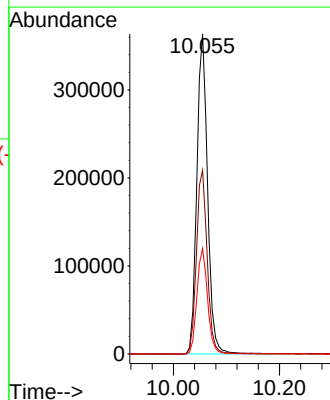
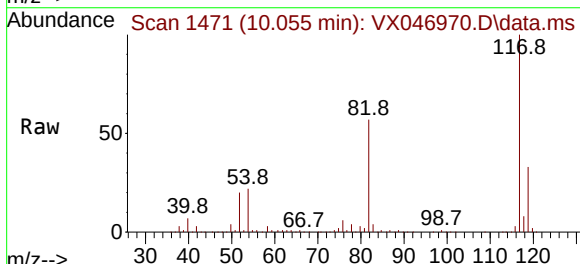
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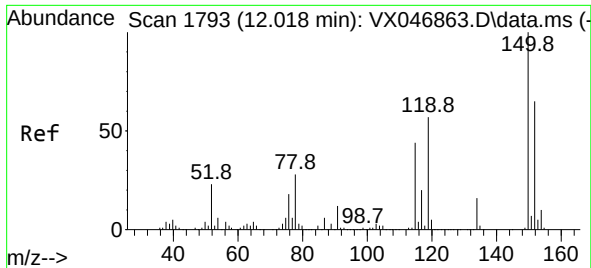
Tgt Ion: 95 Resp: 255002
Ion Ratio Lower Upper
95 100
174 74.2 0.0 152.0
176 72.7 0.0 145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046970.D
Acq: 14 Jul 2025 13:58

Tgt Ion: 117 Resp: 510806
Ion Ratio Lower Upper
117 100
82 57.4 43.3 64.9
119 33.0 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: VX046970.D
 Acq: 14 Jul 2025 13:58

Instrument :
 MSVOA_X
 ClientSampleId :
 MOO-25-0190

Tgt Ion:152 Resp: 242432
 Ion Ratio Lower Upper
 152 100
 115 62.4 42.4 127.1
 150 160.0 0.0 349.2

