

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070925\
 Data File : VX046922.D
 Acq On : 09 Jul 2025 10:36
 Operator : JC/MD
 Sample : VX0709WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
ClientSampleId :
 VX0709WBL01

Quant Time: Jul 10 02:55:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 10 02:52:52 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	444130	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	779727	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	725701	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	358830	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	306664	52.266	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	104.540%
35) Dibromofluoromethane	5.397	113	258884	48.912	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.820%
50) Toluene-d8	8.647	98	937474	50.202	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.400%
62) 4-Bromofluorobenzene	11.079	95	356974	50.298	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.600%

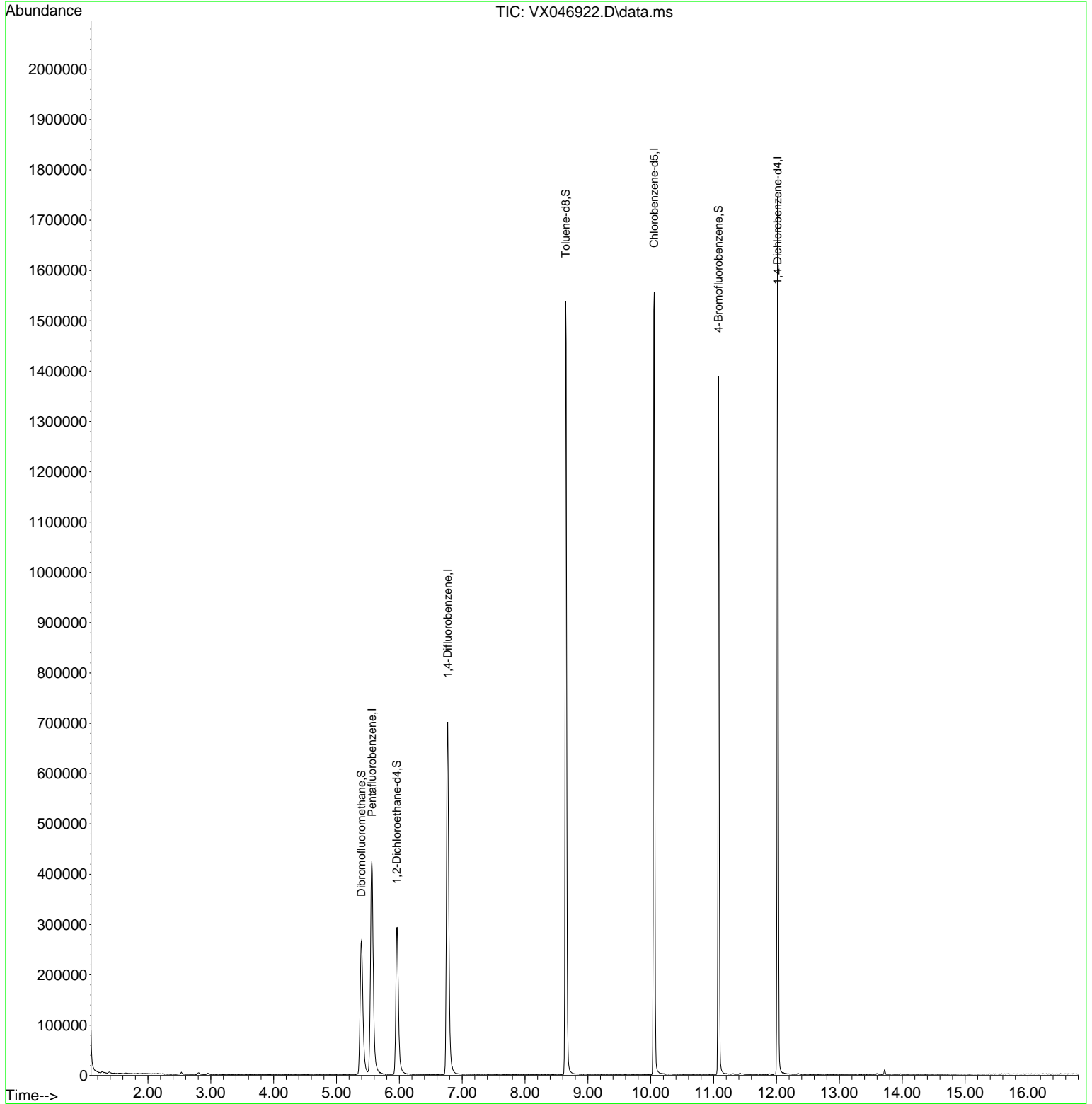
Target Compounds Qvalue

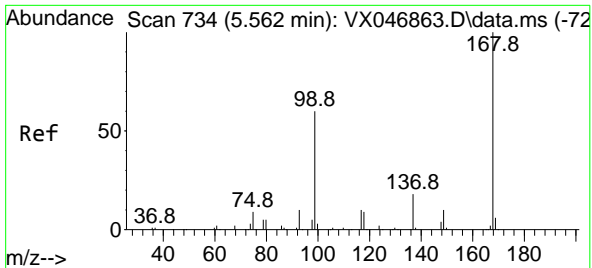
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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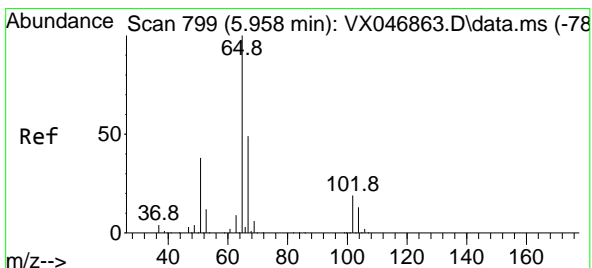
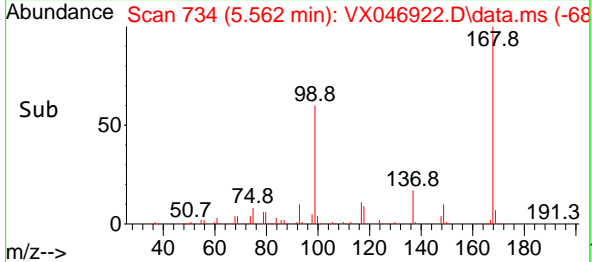
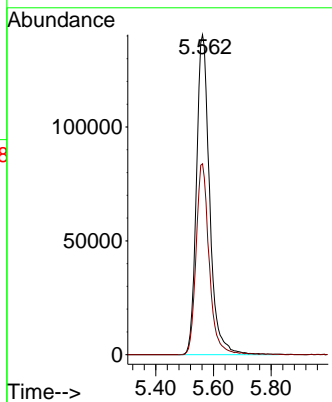
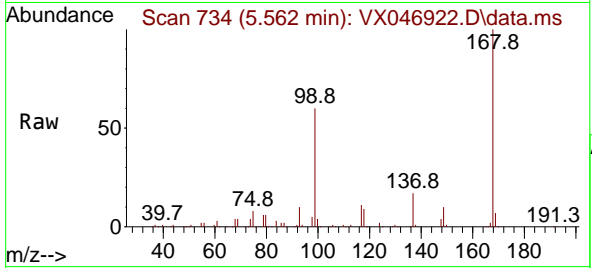




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.562 min Scan# 711
 Delta R.T. -0.000 min
 Lab File: VX046922.D
 Acq: 09 Jul 2025 10:36

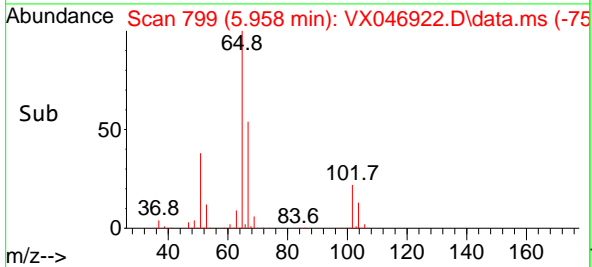
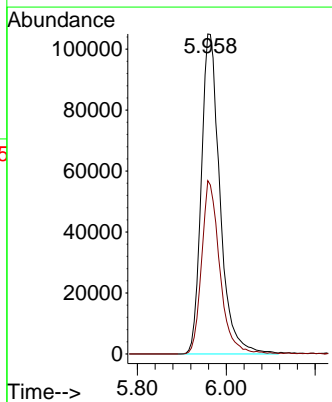
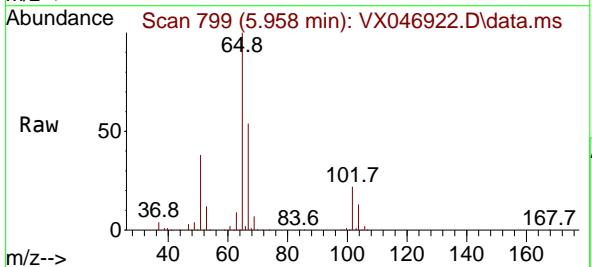
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBL01

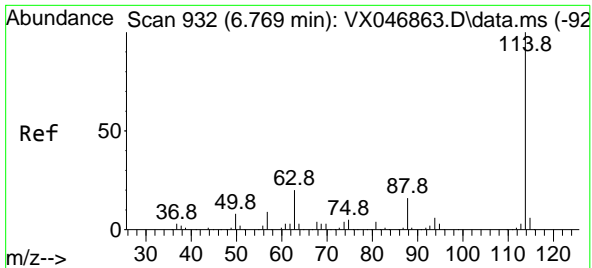
Tgt Ion:168 Resp: 444130
 Ion Ratio Lower Upper
 168 100
 99 59.7 48.8 73.2



#33
 1,2-Dichloroethane-d4
 Concen: 52.266 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX046922.D
 Acq: 09 Jul 2025 10:36

Tgt Ion: 65 Resp: 306664
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 105.2





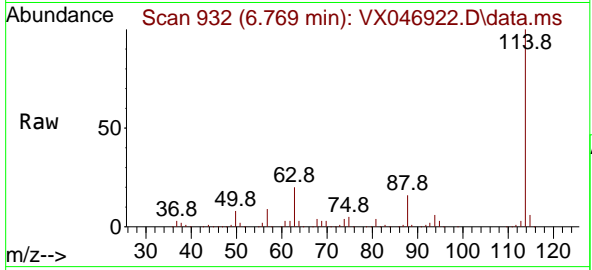
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VX046922.D
 Acq: 09 Jul 2025 10:36

Instrument :

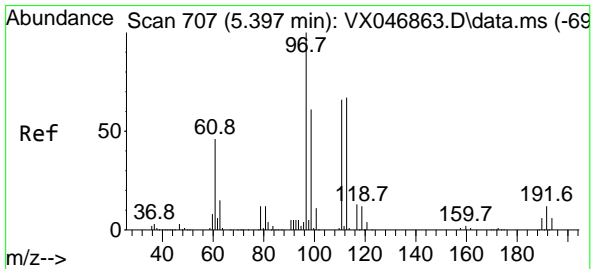
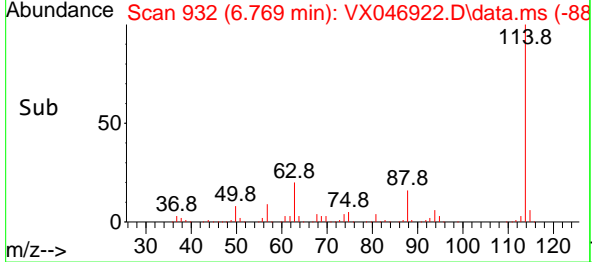
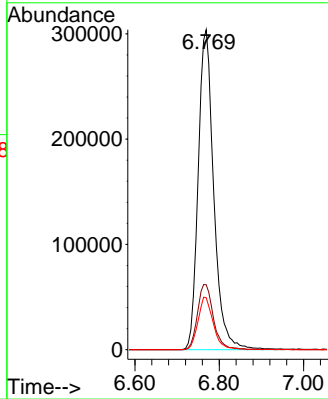
MSVOA_X

ClientSampleId :

VX0709WBL01

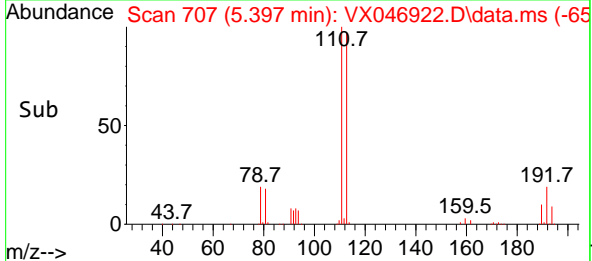
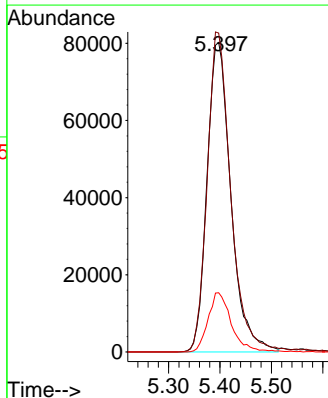
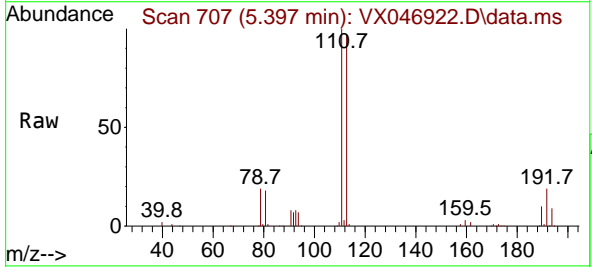


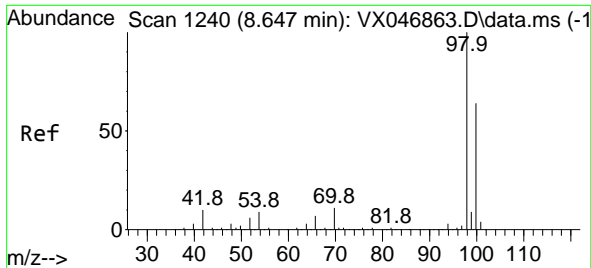
Tgt Ion:114 Resp: 779727
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.4
 88 16.3 0.0 31.0



#35
 Dibromofluoromethane
 Concen: 48.912 ug/l
 RT: 5.397 min Scan# 707
 Delta R.T. -0.000 min
 Lab File: VX046922.D
 Acq: 09 Jul 2025 10:36

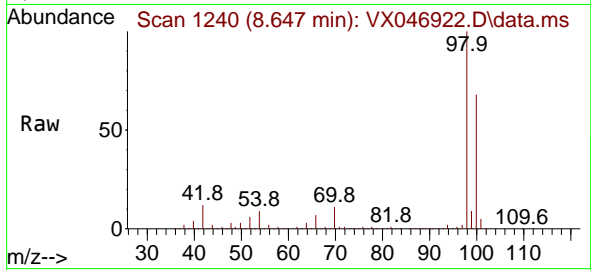
Tgt Ion:113 Resp: 258884
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.2 121.8
 192 18.8 15.3 22.9



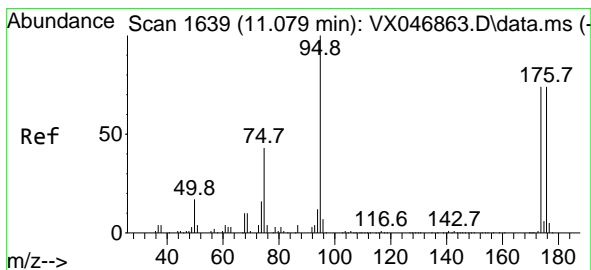
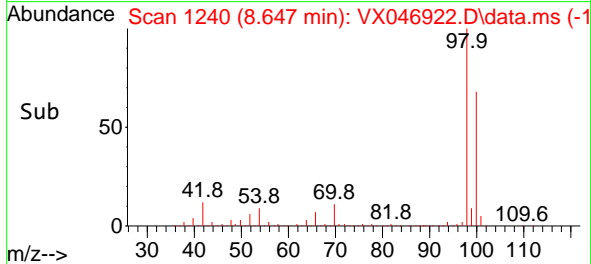
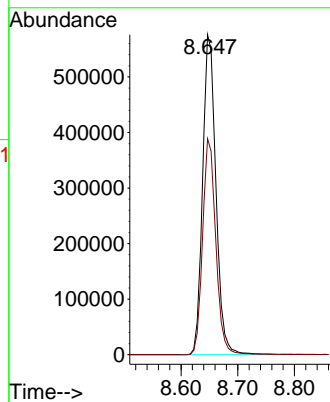


#50
 Toluene-d8
 Concen: 50.202 ug/l
 RT: 8.647 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046922.D
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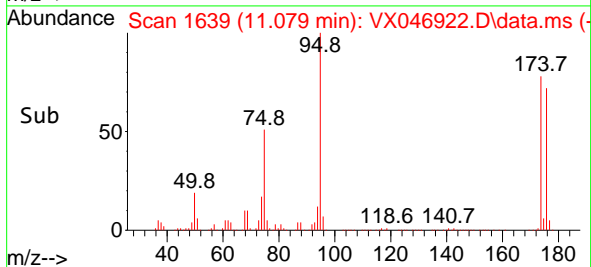
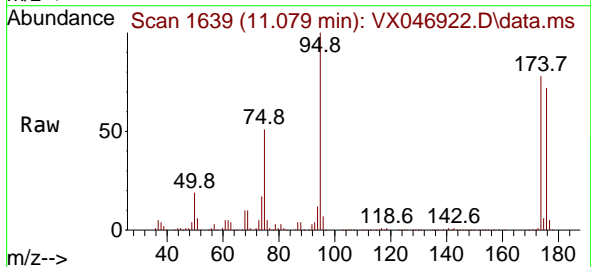
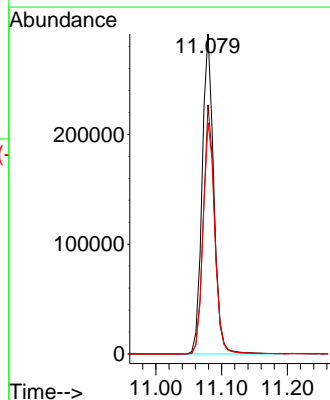


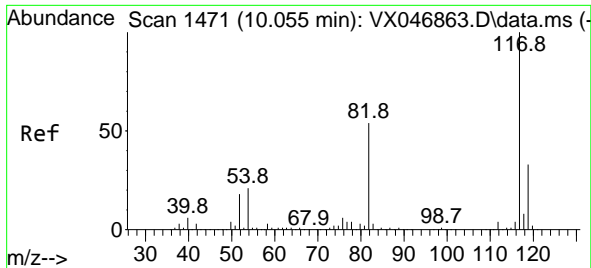
Tgt Ion: 98 Resp: 937474
 Ion Ratio Lower Upper
 98 100
 100 67.0 53.0 79.6



#62
 4-Bromofluorobenzene
 Concen: 50.298 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.000 min
 Lab File: VX046922.D
 Acq: 09 Jul 2025 10:36

Tgt Ion: 95 Resp: 356974
 Ion Ratio Lower Upper
 95 100
 174 76.9 0.0 152.0
 176 73.2 0.0 145.2





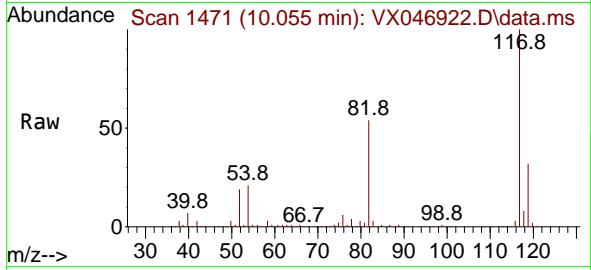
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.055 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: VX046922.D
 Acq: 09 Jul 2025 10:36

Instrument :

MSVOA_X

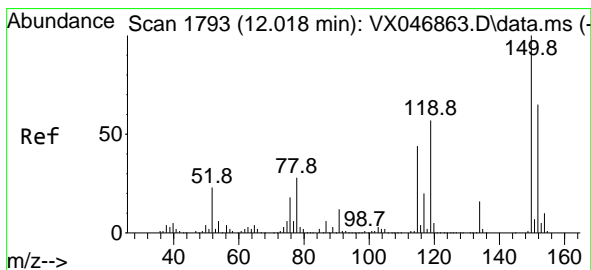
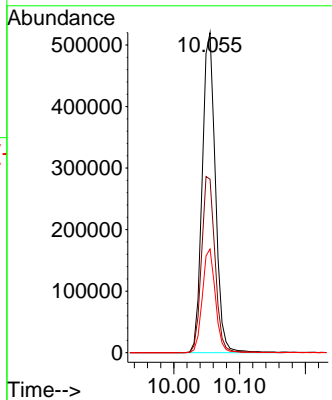
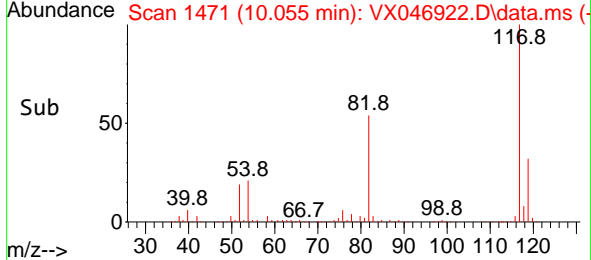
ClientSampleId :

VX0709WBL01

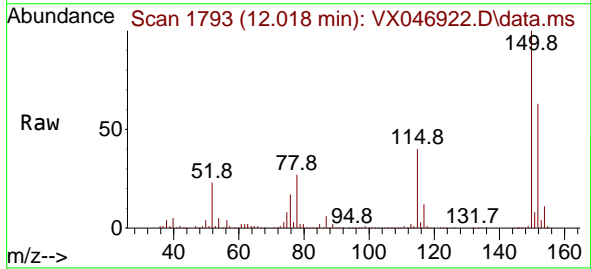


Tgt Ion:117 Resp: 725701

Ion	Ratio	Lower	Upper
117	100		
82	54.2	43.3	64.9
119	32.4	26.4	39.6



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 1793
 Delta R.T. -0.000 min
 Lab File: VX046922.D
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Tgt Ion:152 Resp: 358830

Ion	Ratio	Lower	Upper
152	100		
115	60.8	42.4	127.1
150	156.5	0.0	349.2

