

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
 Data File : VX046934.D
 Acq On : 10 Jul 2025 10:22
 Operator : JC/MD
 Sample : VX0710MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710MBL01

Quant Time: Jul 11 01:25:48 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	220827	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	390309	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	362012	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	178141	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	150620	51.629	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.260%
35) Dibromofluoromethane	5.391	113	128040	48.327	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.660%
50) Toluene-d8	8.647	98	463264	49.559	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.120%
62) 4-Bromofluorobenzene	11.079	95	174712	49.178	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.360%

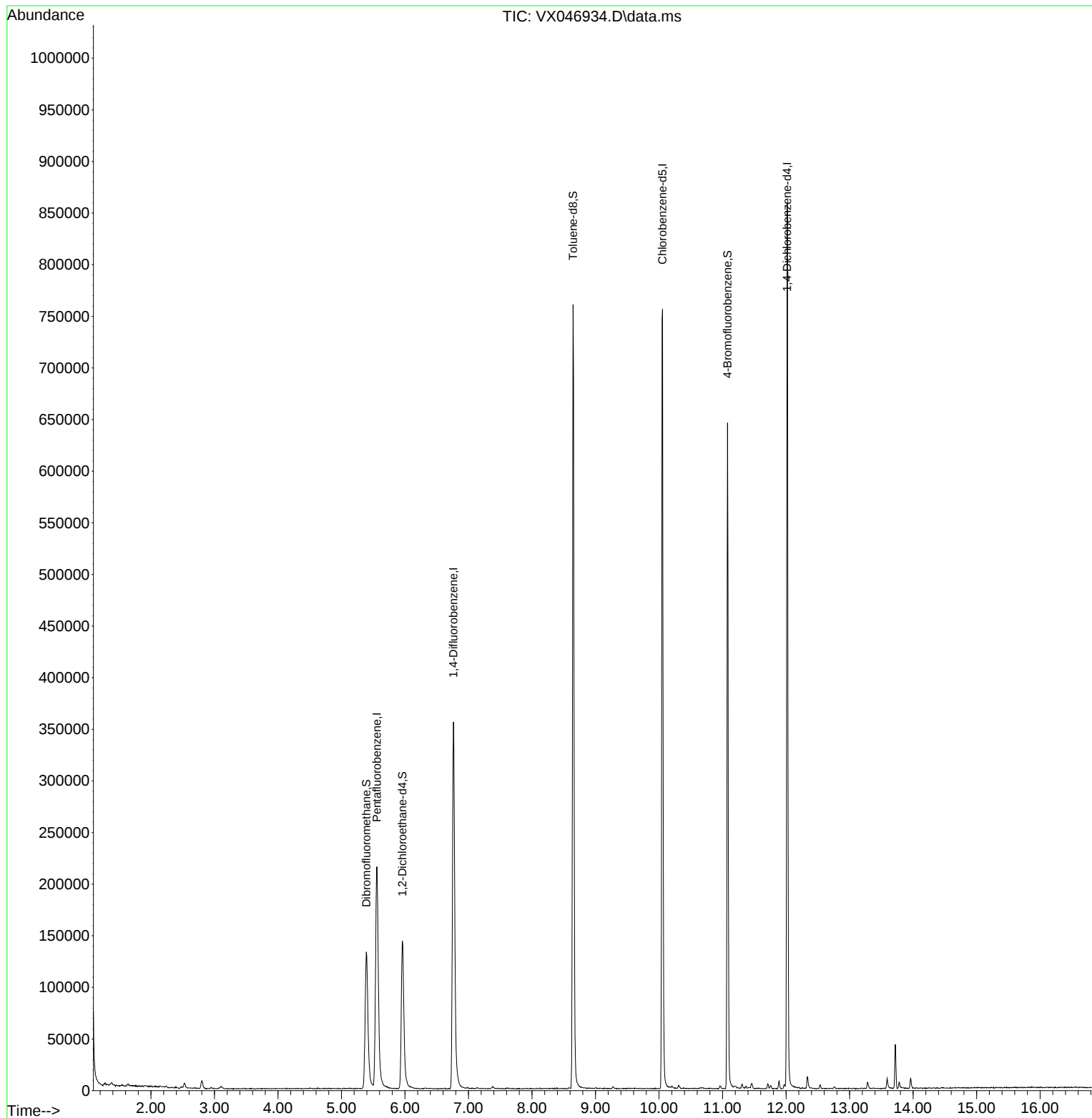
Target Compounds	Qvalue

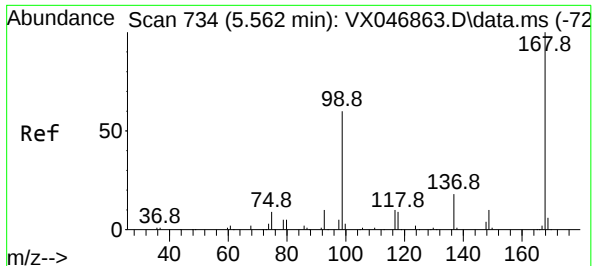
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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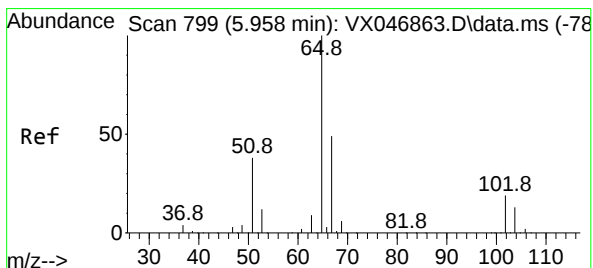
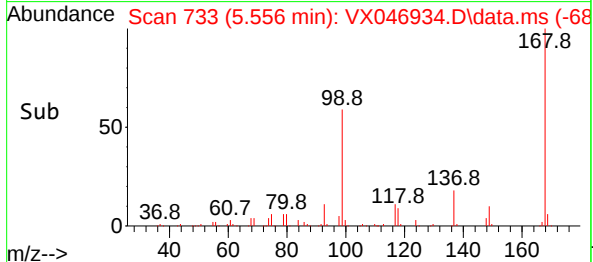
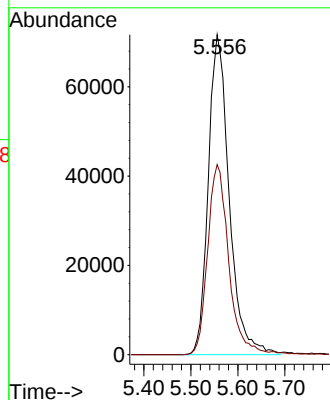
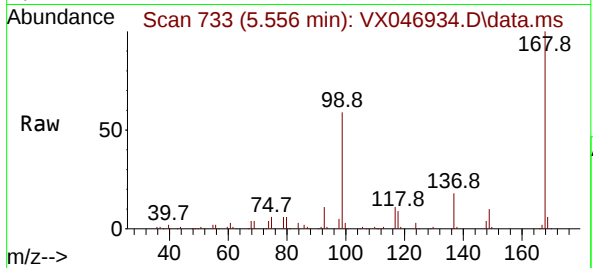




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.006 min
Lab File: VX046934.D
Acq: 10 Jul 2025 10:22

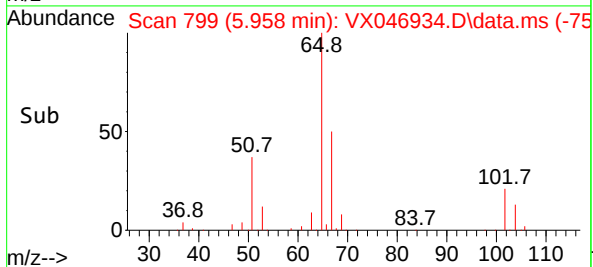
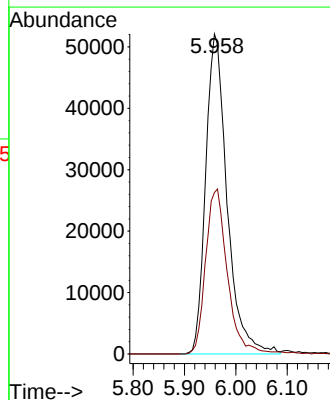
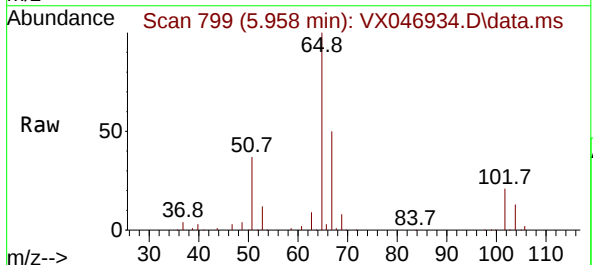
Instrument :
MSVOA_X
ClientSampleId :
VX0710MBL01

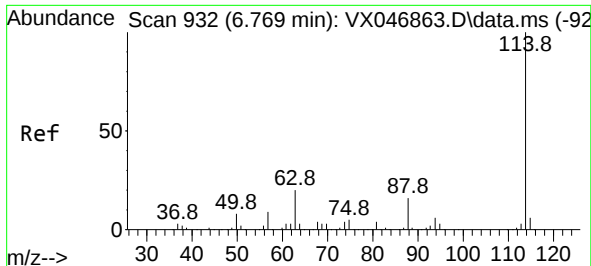
Tgt Ion:168 Resp: 220827
Ion Ratio Lower Upper
168 100
99 59.4 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 51.629 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX046934.D
Acq: 10 Jul 2025 10:22

Tgt Ion: 65 Resp: 150620
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.2

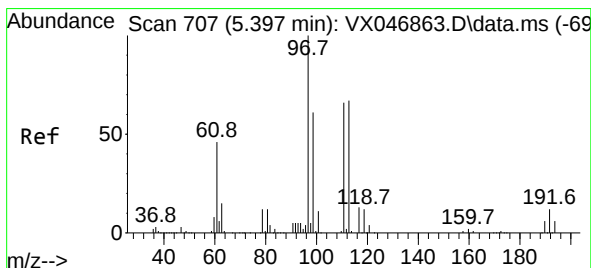
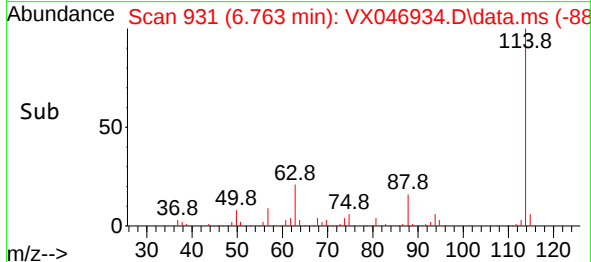
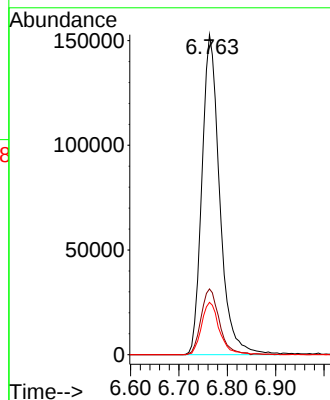
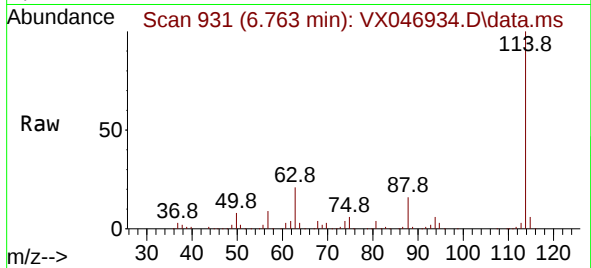




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX046934.D
Acq: 10 Jul 2025 10:22

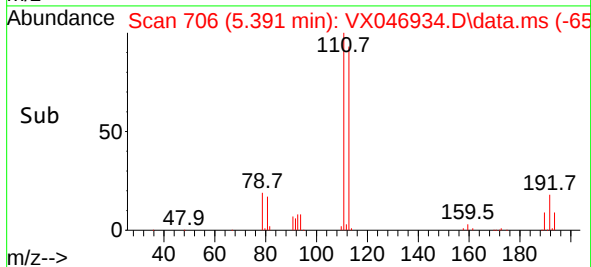
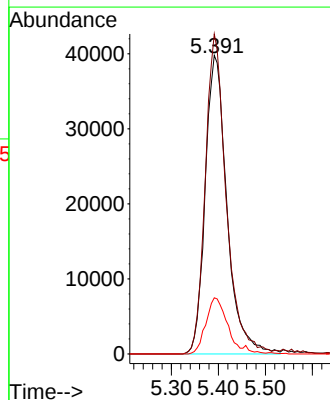
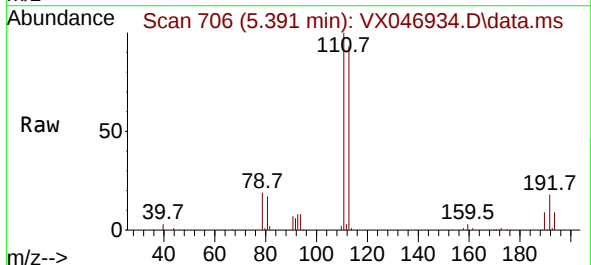
Instrument :
MSVOA_X
ClientSampleId :
VX0710MBL01

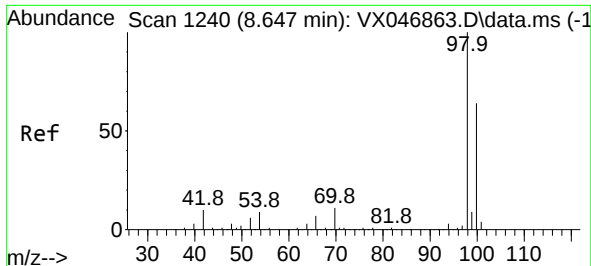
Tgt Ion:114 Resp: 390309
Ion Ratio Lower Upper
114 100
63 20.5 0.0 40.4
88 16.4 0.0 31.0



#35
Dibromofluoromethane
Concen: 48.327 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX046934.D
Acq: 10 Jul 2025 10:22

Tgt Ion:113 Resp: 128040
Ion Ratio Lower Upper
113 100
111 103.1 81.2 121.8
192 19.0 15.3 22.9

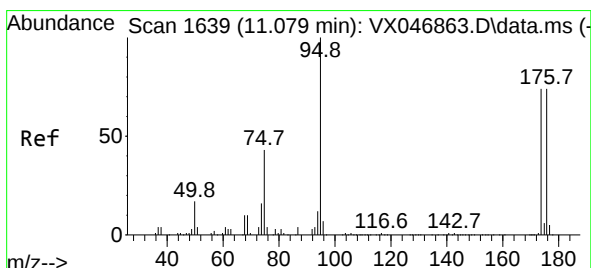
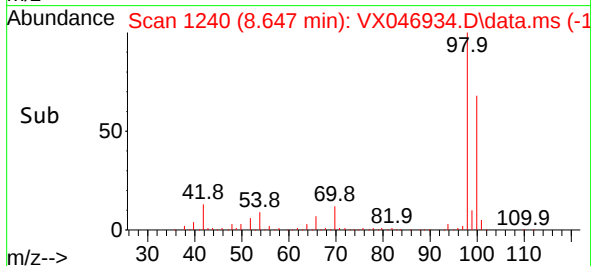
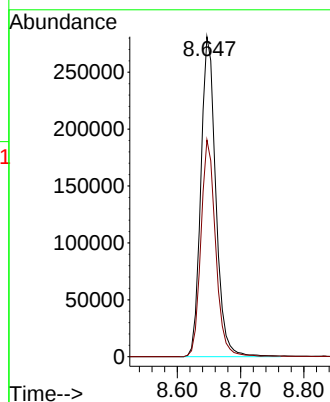
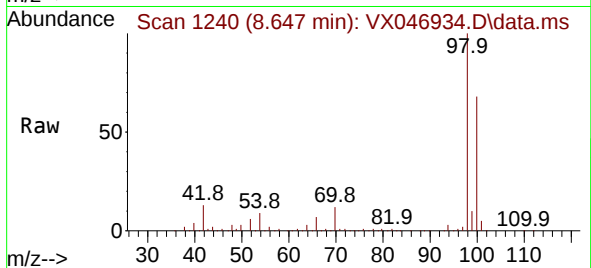




#50
Toluene-d8
Concen: 49.559 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046934.D
Acq: 10 Jul 2025 10:22

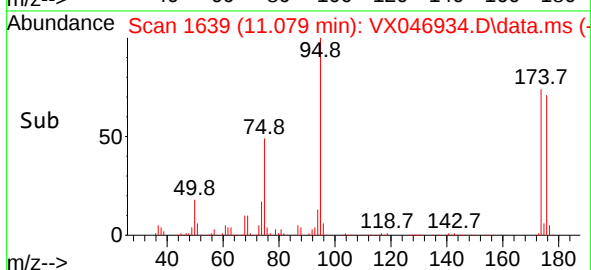
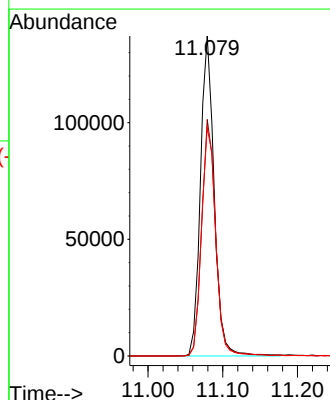
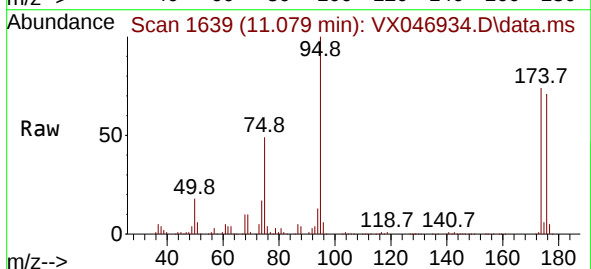
Instrument :
MSVOA_X
ClientSampleId :
VX0710MBL01

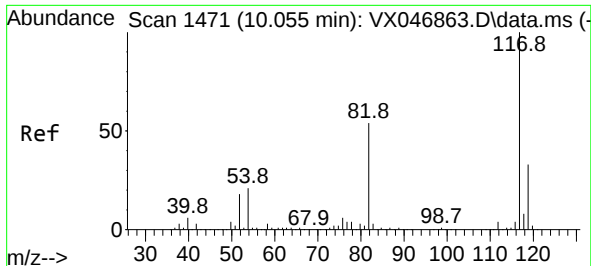
Tgt Ion: 98 Resp: 463264
Ion Ratio Lower Upper
98 100
100 66.7 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 49.178 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046934.D
Acq: 10 Jul 2025 10:22

Tgt Ion: 95 Resp: 174712
Ion Ratio Lower Upper
95 100
174 75.6 0.0 152.0
176 74.3 0.0 145.2

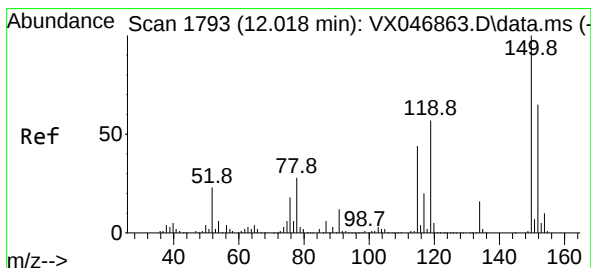
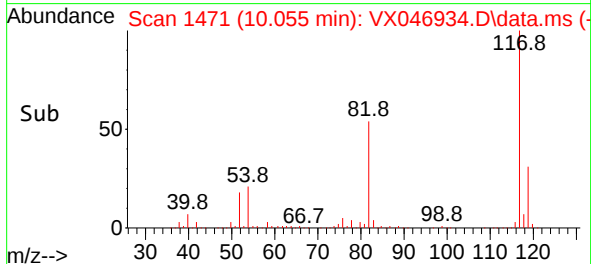
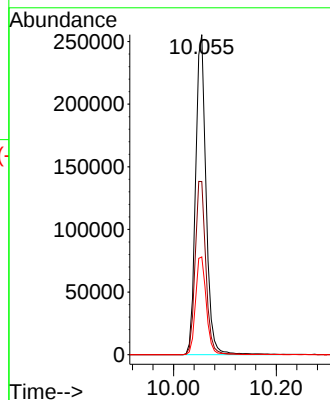
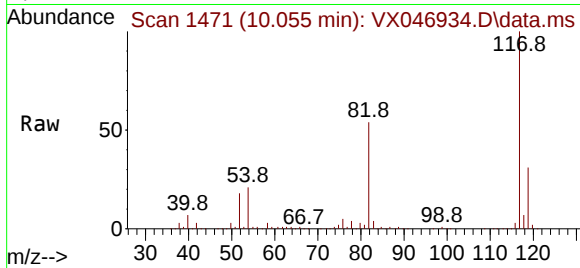




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046934.D
Acq: 10 Jul 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VX0710MBL01

Tgt Ion:117 Resp: 362012
Ion Ratio Lower Upper
117 100
82 54.1 43.3 64.9
119 30.5 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: VX046934.D
Acq: 10 Jul 2025 10:22

Tgt Ion:152 Resp: 178141
Ion Ratio Lower Upper
152 100
115 60.5 42.4 127.1
150 155.7 0.0 349.2

