

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
 Data File : VX046870.D
 Acq On : 03 Jul 2025 08:42
 Operator : JC/MD
 Sample : VX0703MBL01
 Misc : 5.00g/10.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0703MBL01

Quant Time: Jul 04 01:25:54 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	5.562	168	347322	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	593862	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	536305	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	269022	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	225335	49.109	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.220%
35) Dibromofluoromethane	5.391	113	192478	47.748	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.500%
50) Toluene-d8	8.647	98	711018	49.992	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.980%
62) 4-Bromofluorobenzene	11.079	95	266944	49.384	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.760%

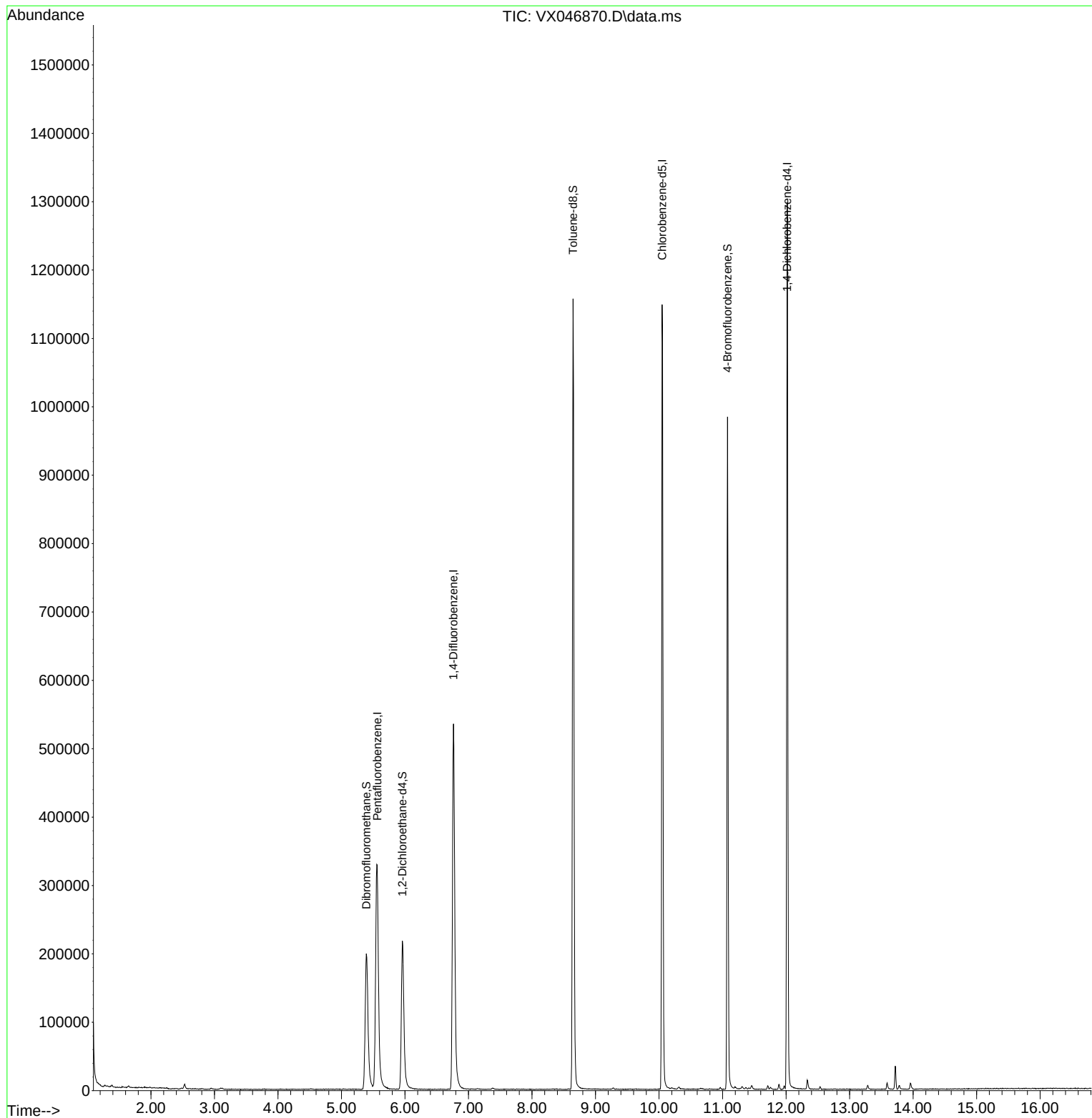
Target Compounds	Qvalue

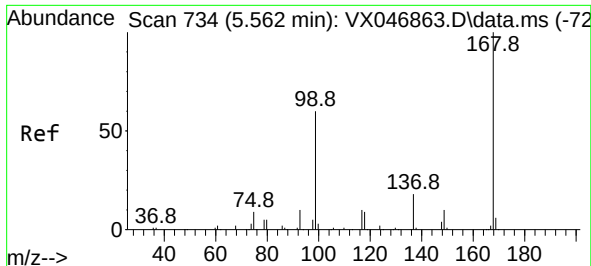
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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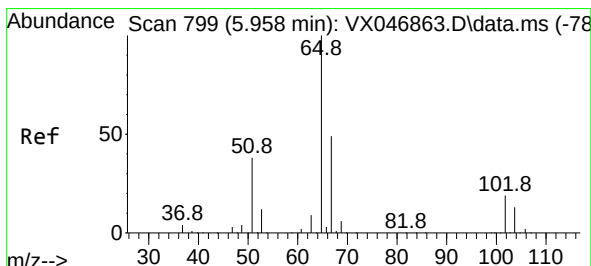
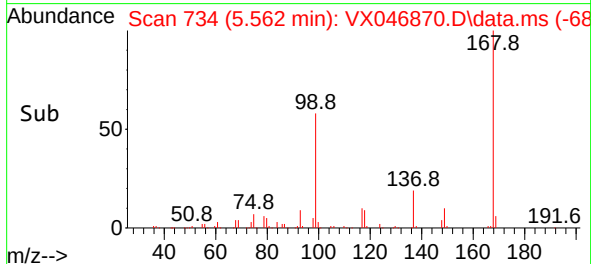
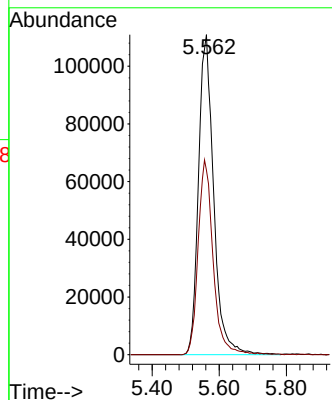
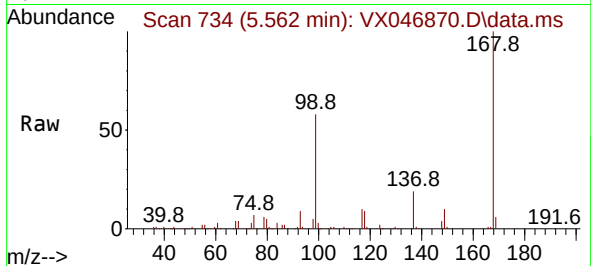




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 714
Delta R.T. -0.000 min
Lab File: VX046870.D
Acq: 03 Jul 2025 08:42

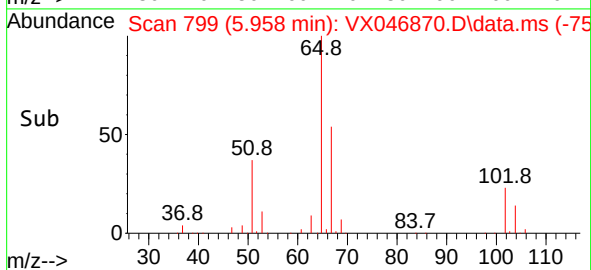
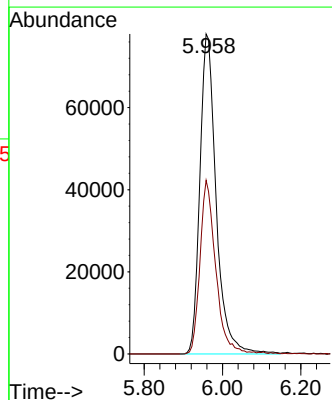
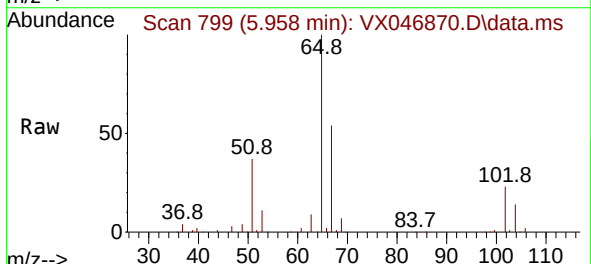
Instrument :
MSVOA_X
ClientSampleId :
VX0703MBL01

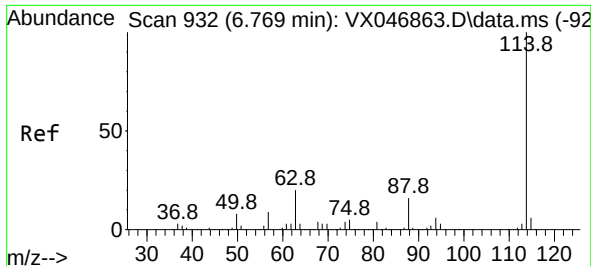
Tgt Ion:168 Resp: 347322
Ion Ratio Lower Upper
168 100
99 57.7 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 49.109 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX046870.D
Acq: 03 Jul 2025 08:42

Tgt Ion: 65 Resp: 225335
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.2

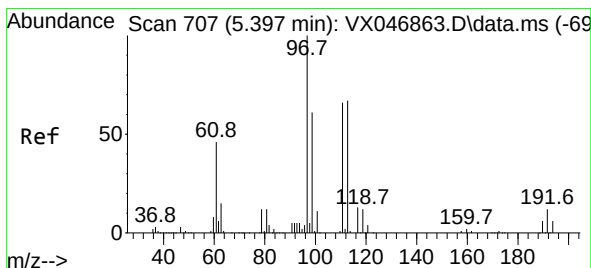
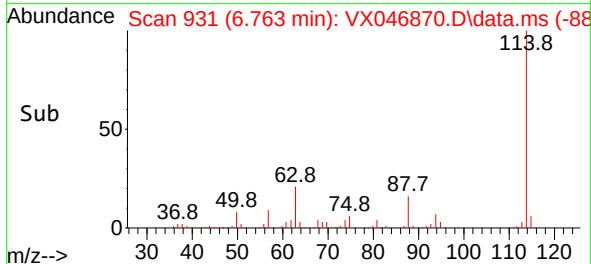
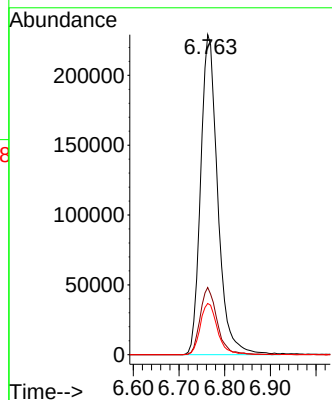
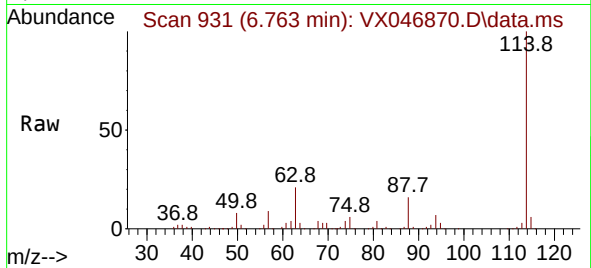




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX046870.D
Acq: 03 Jul 2025 08:42

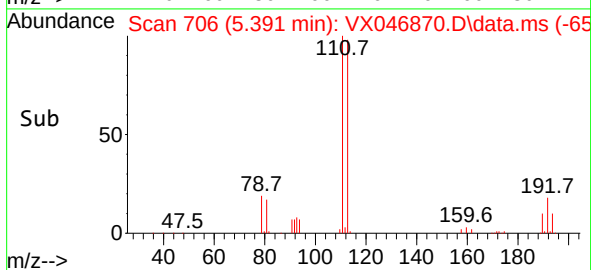
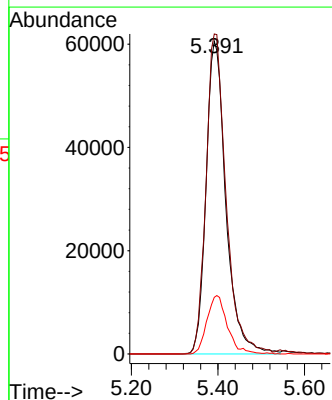
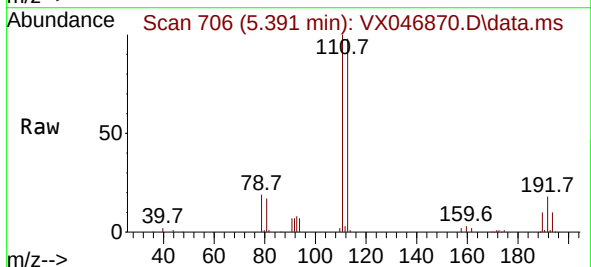
Instrument :
MSVOA_X
ClientSampleId :
VX0703MBL01

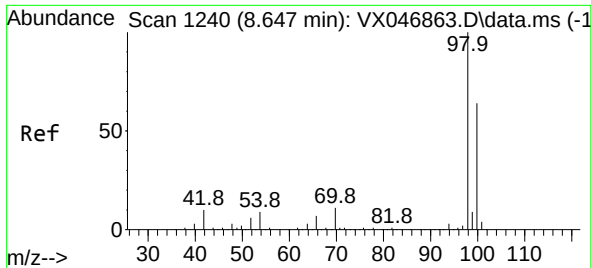
Tgt Ion:114 Resp: 593862
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.4
88 16.0 0.0 31.0



#35
Dibromofluoromethane
Concen: 47.748 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX046870.D
Acq: 03 Jul 2025 08:42

Tgt Ion:113 Resp: 192478
Ion Ratio Lower Upper
113 100
111 103.4 81.2 121.8
192 19.2 15.3 22.9

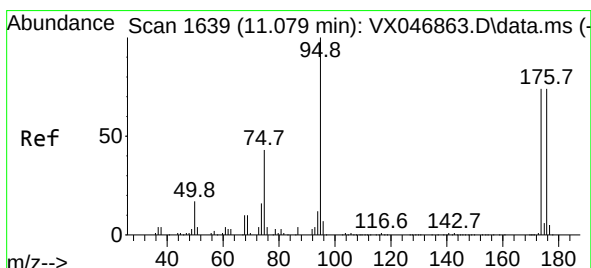
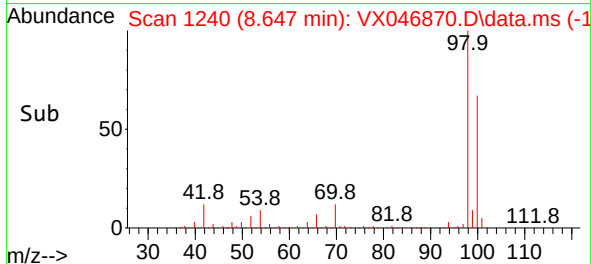
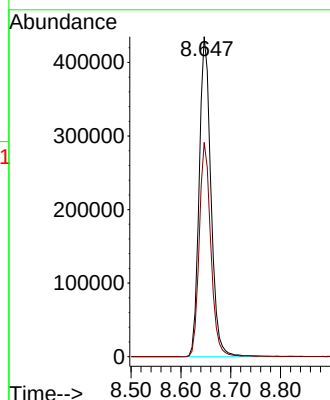
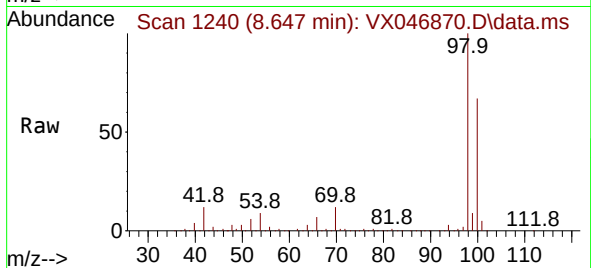




#50
Toluene-d8
Concen: 49.992 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046870.D
Acq: 03 Jul 2025 08:42

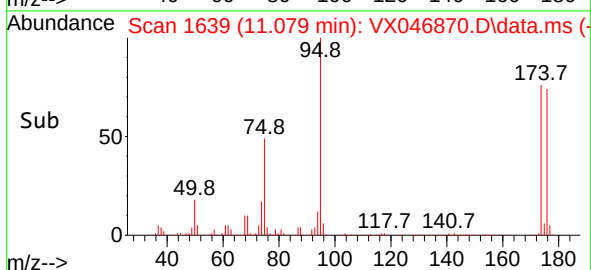
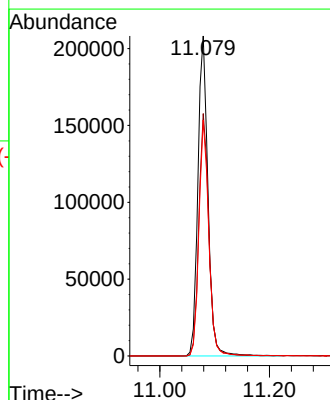
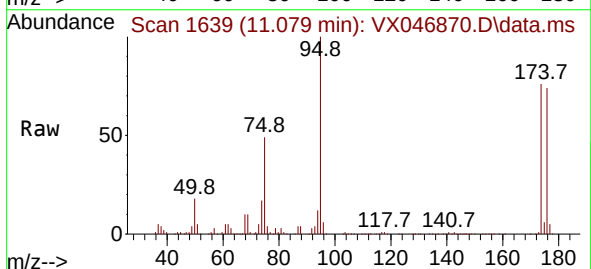
Instrument :
MSVOA_X
ClientSampleId :
VX0703MBL01

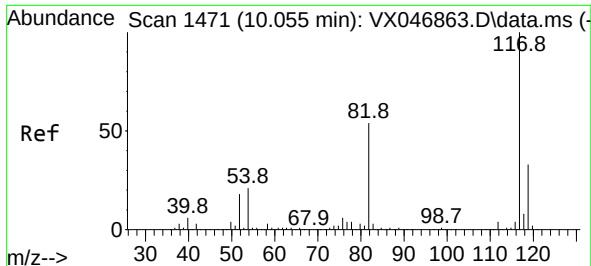
Tgt Ion: 98 Resp: 711018
Ion Ratio Lower Upper
98 100
100 66.2 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 49.384 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046870.D
Acq: 03 Jul 2025 08:42

Tgt Ion: 95 Resp: 266944
Ion Ratio Lower Upper
95 100
174 75.3 0.0 152.0
176 72.1 0.0 145.2

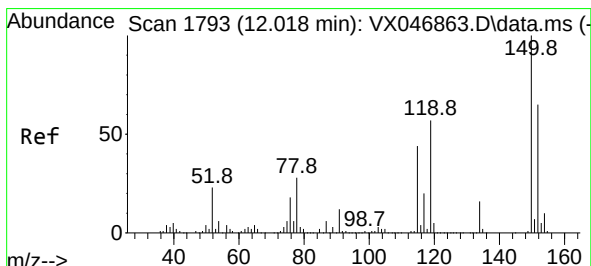
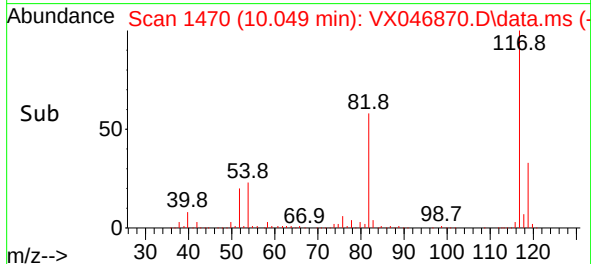
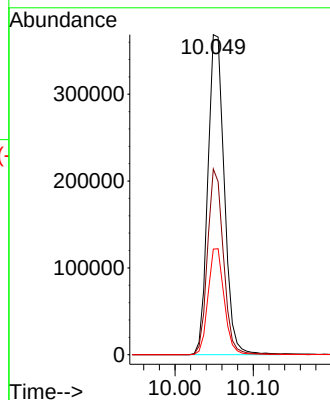
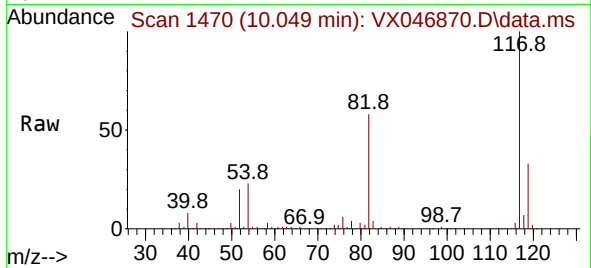




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX046870.D
Acq: 03 Jul 2025 08:42

Instrument :
MSVOA_X
ClientSampleId :
VX0703MBL01

Tgt Ion:117 Resp: 536305
Ion Ratio Lower Upper
117 100
82 58.1 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# 1793
Delta R.T. -0.000 min
Lab File: VX046870.D
Acq: 03 Jul 2025 08:42

Tgt Ion:152 Resp: 269022
Ion Ratio Lower Upper
152 100
115 60.3 42.4 127.1
150 157.0 0.0 349.2

