

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070825\
 Data File : VX046908.D
 Acq On : 08 Jul 2025 09:43
 Operator : JC/MD
 Sample : VX0708MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0708MBL01

Quant Time: Jul 09 05:07:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 09 05:05:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	348226	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	609827	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	559645	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	277739	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	235815	51.260	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.520%
35) Dibromofluoromethane	5.385	113	199023	48.079	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.160%
50) Toluene-d8	8.647	98	733888	50.249	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.500%
62) 4-Bromofluorobenzene	11.079	95	276521	49.817	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.640%

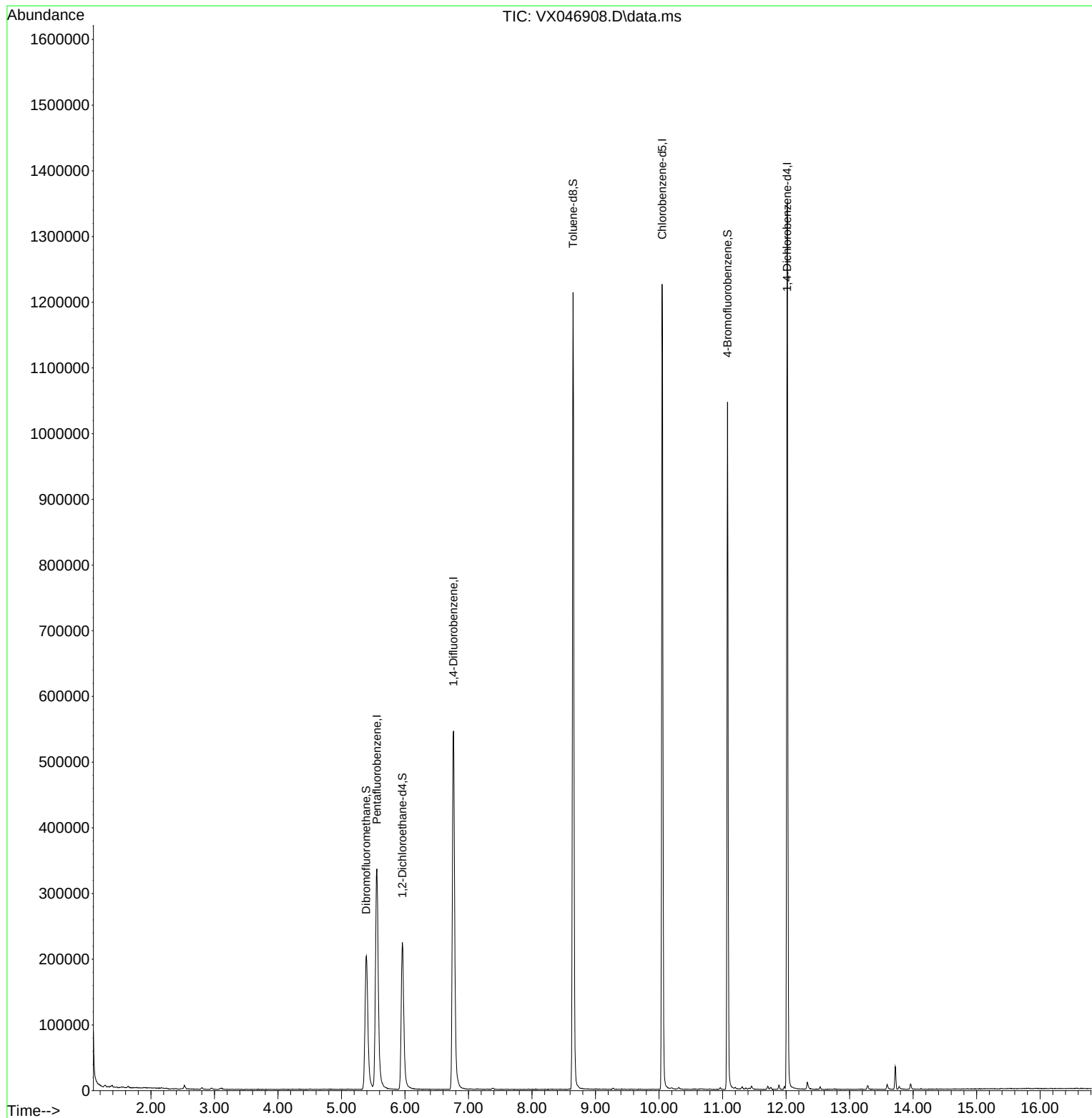
Target Compounds	Qvalue

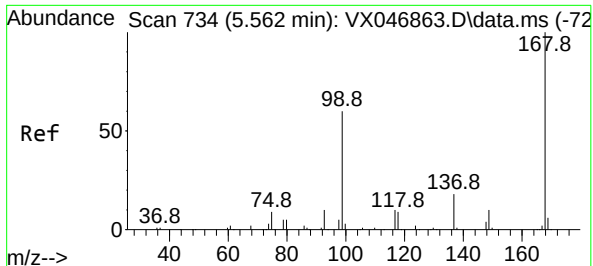
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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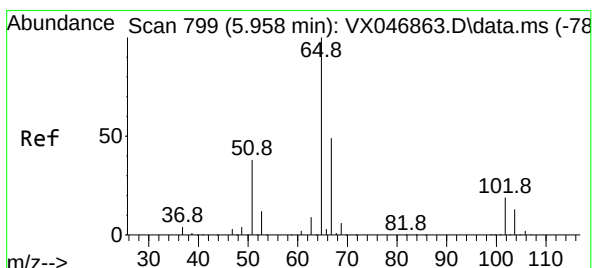
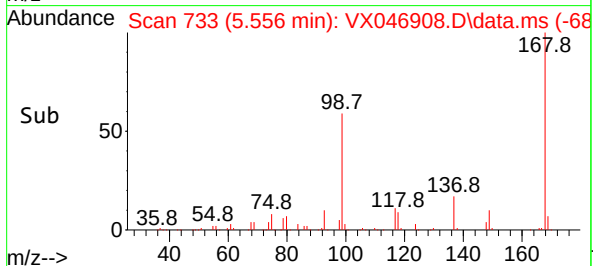
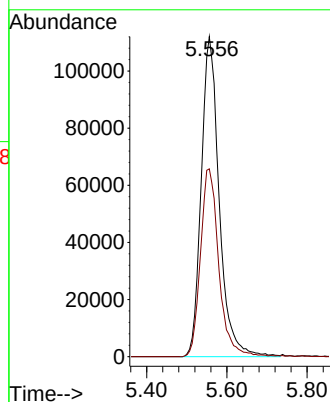
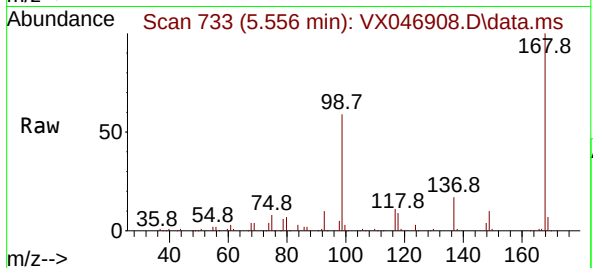




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.006 min
Lab File: VX046908.D
Acq: 08 Jul 2025 09:43

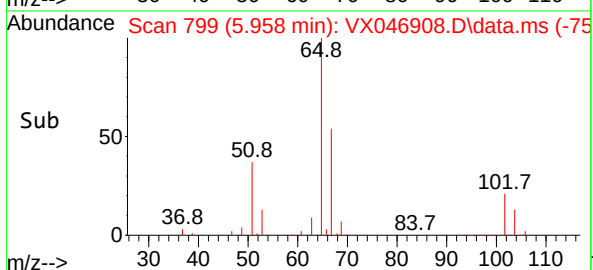
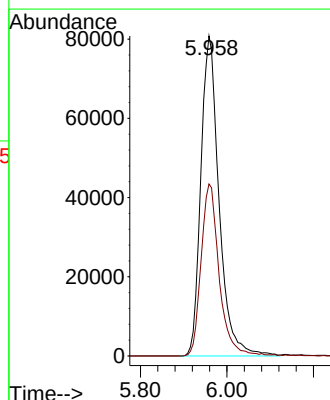
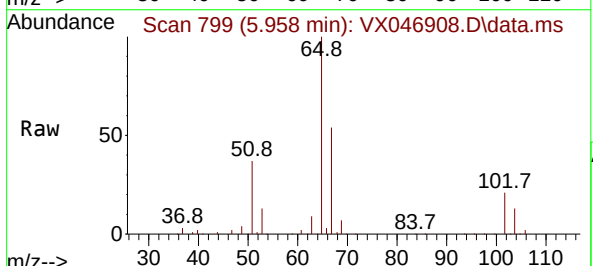
Instrument :
MSVOA_X
ClientSampleId :
VX0708MBL01

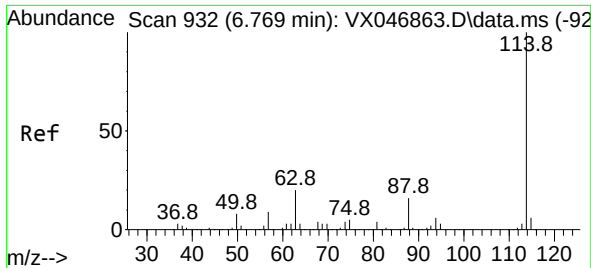
Tgt Ion:168 Resp: 348226
Ion Ratio Lower Upper
168 100
99 58.7 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 51.260 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX046908.D
Acq: 08 Jul 2025 09:43

Tgt Ion: 65 Resp: 235815
Ion Ratio Lower Upper
65 100
67 53.4 0.0 105.2

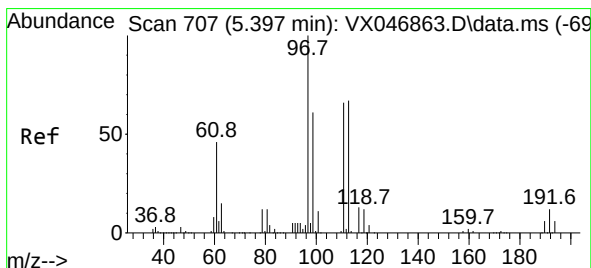
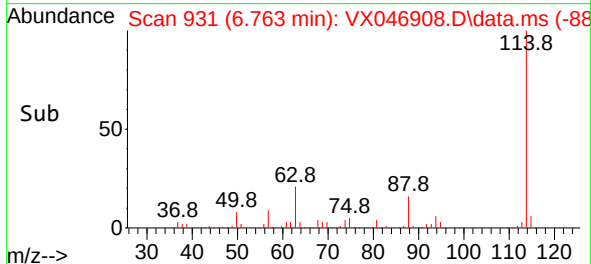
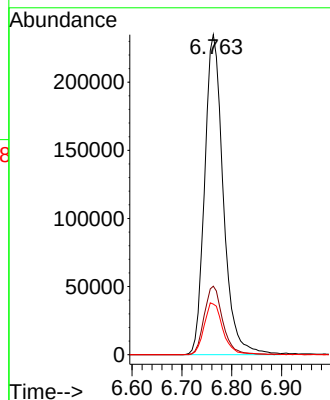
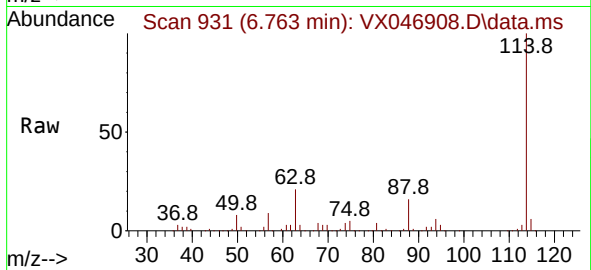




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX046908.D
Acq: 08 Jul 2025 09:43

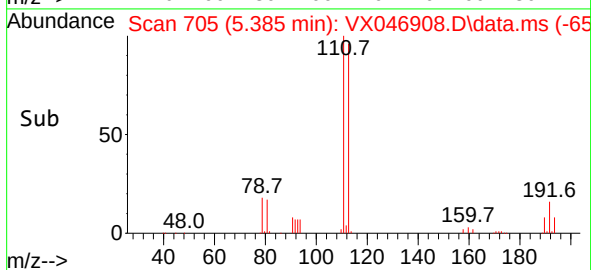
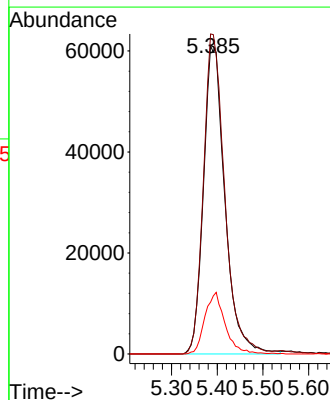
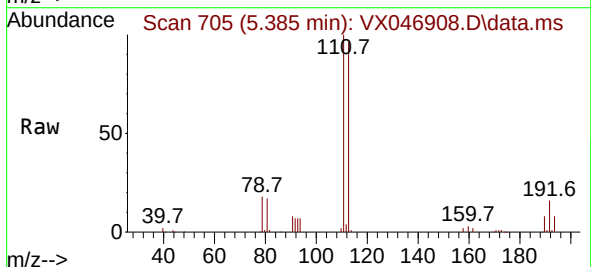
Instrument :
MSVOA_X
ClientSampleId :
VX0708MBL01

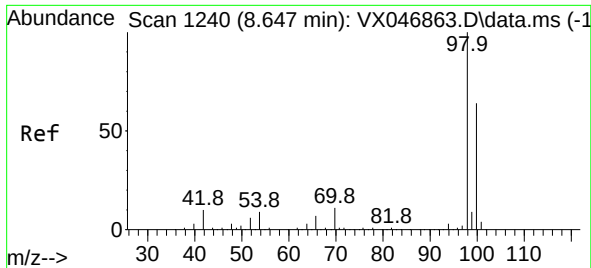
Tgt Ion:114 Resp: 609827
Ion Ratio Lower Upper
114 100
63 21.4 0.0 40.4
88 15.8 0.0 31.0



#35
Dibromofluoromethane
Concen: 48.079 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.012 min
Lab File: VX046908.D
Acq: 08 Jul 2025 09:43

Tgt Ion:113 Resp: 199023
Ion Ratio Lower Upper
113 100
111 102.9 81.2 121.8
192 18.9 15.3 22.9

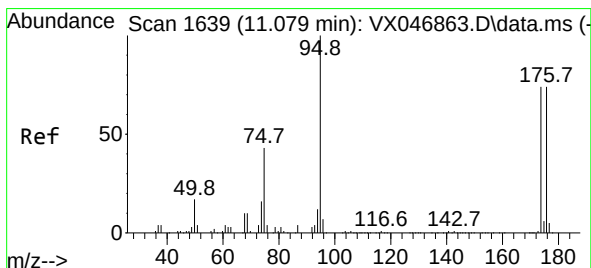
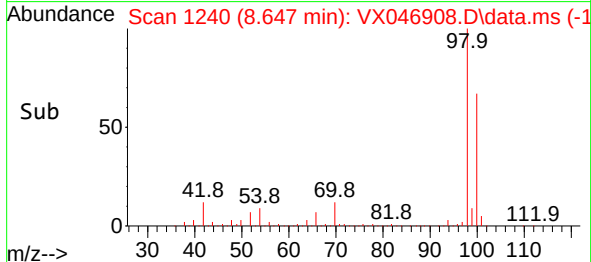
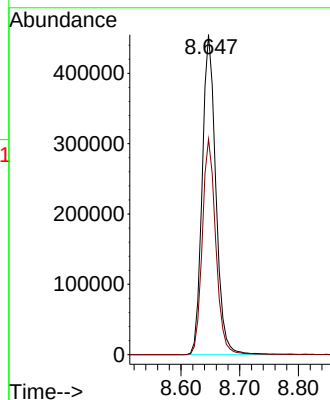
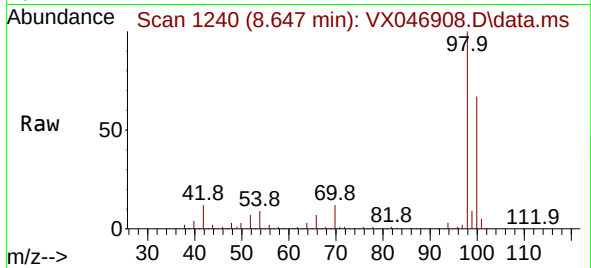




#50
Toluene-d8
Concen: 50.249 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046908.D
Acq: 08 Jul 2025 09:43

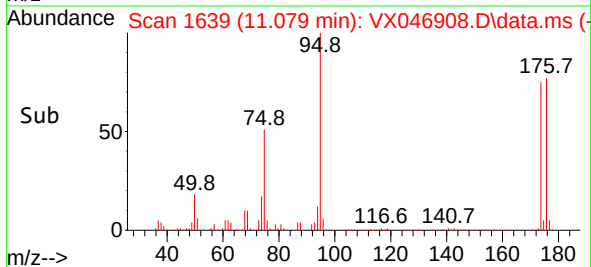
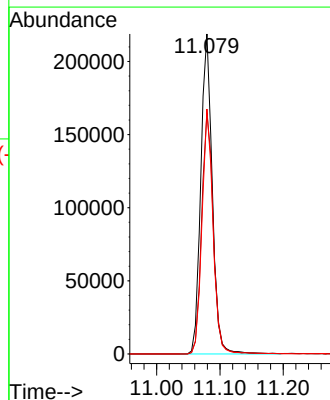
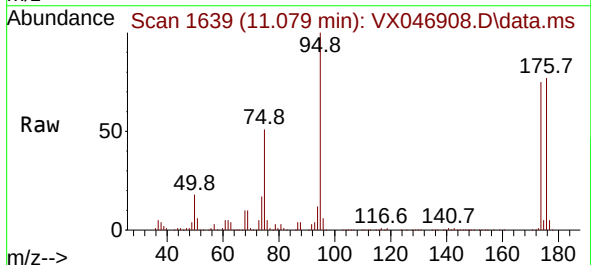
Instrument :
MSVOA_X
ClientSampleId :
VX0708MBL01

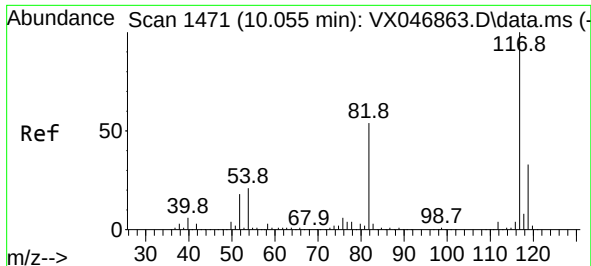
Tgt Ion: 98 Resp: 733888
Ion Ratio Lower Upper
98 100
100 66.8 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 49.817 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046908.D
Acq: 08 Jul 2025 09:43

Tgt Ion: 95 Resp: 276521
Ion Ratio Lower Upper
95 100
174 76.9 0.0 152.0
176 73.9 0.0 145.2

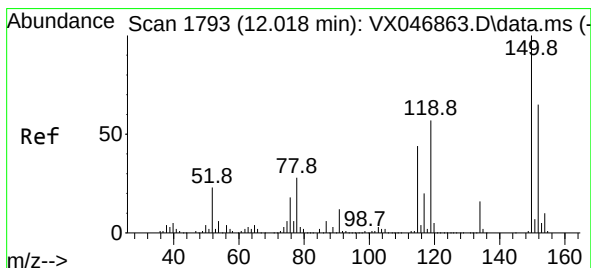
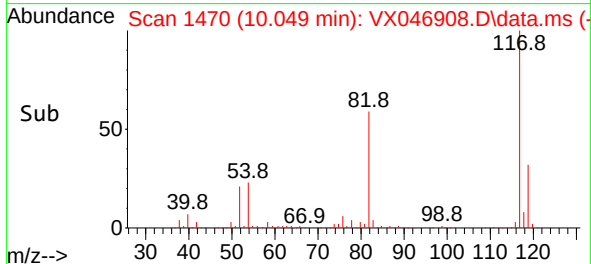
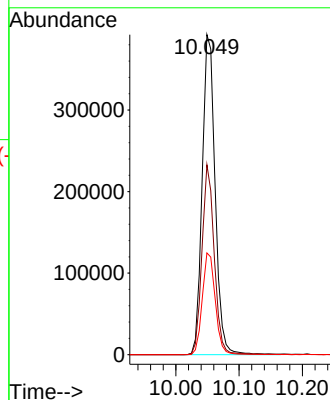
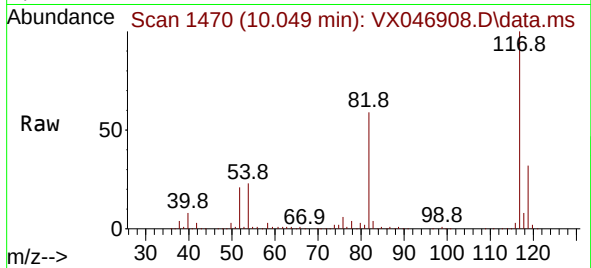




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX046908.D
Acq: 08 Jul 2025 09:43

Instrument :
MSVOA_X
ClientSampleId :
VX0708MBL01

Tgt Ion:117 Resp: 559645
Ion Ratio Lower Upper
117 100
82 59.3 43.3 64.9
119 31.8 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: VX046908.D
Acq: 08 Jul 2025 09:43

Tgt Ion:152 Resp: 277739
Ion Ratio Lower Upper
152 100
115 60.0 42.4 127.1
150 156.7 0.0 349.2

