

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070725\
 Data File : VX046893.D
 Acq On : 07 Jul 2025 09:13
 Operator : JC/MD
 Sample : VX0707MBL01
 Misc : 5.00g/10mL/100ul/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0707MBL01

Quant Time: Jul 08 04:42:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 08 04:37:37 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	262695	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	451036	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	411755	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	203879	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	169520	48.847	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.700%
35) Dibromofluoromethane	5.385	113	144425	47.172	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.340%
50) Toluene-d8	8.647	98	540014	49.991	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.980%
62) 4-Bromofluorobenzene	11.079	95	209365	50.997	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.000%

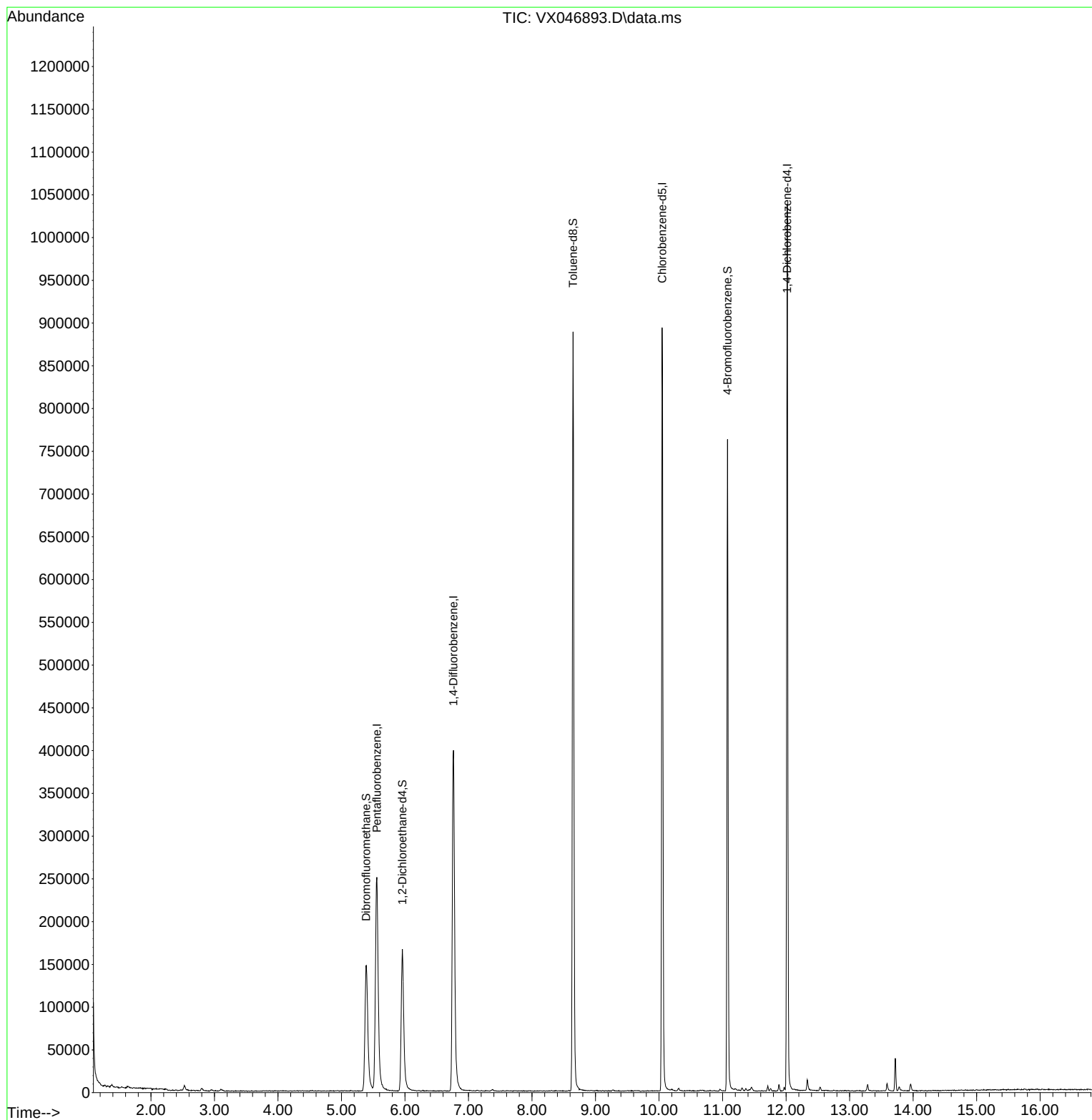
Target Compounds	Qvalue

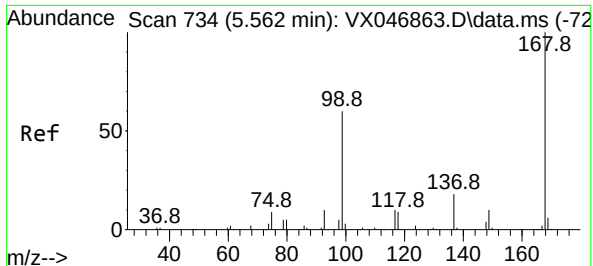
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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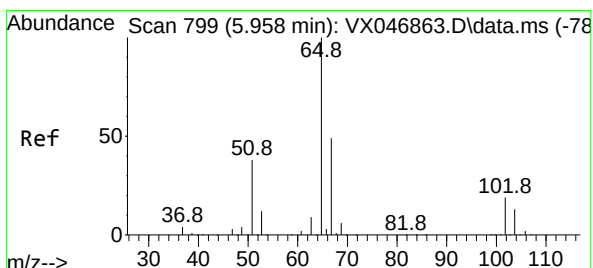
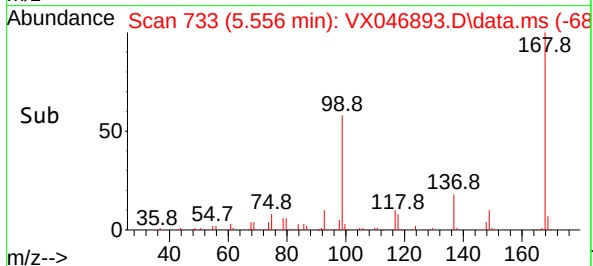
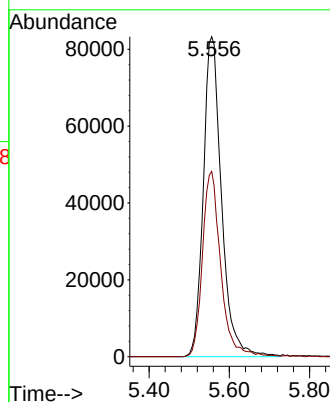
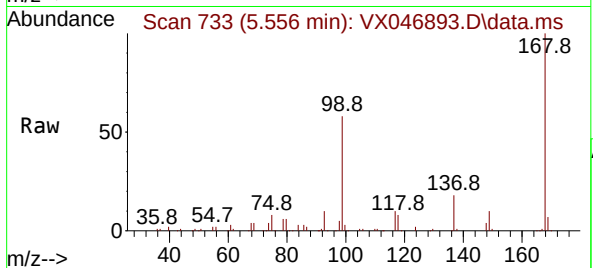




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.006 min
Lab File: VX046893.D
Acq: 07 Jul 2025 09:13

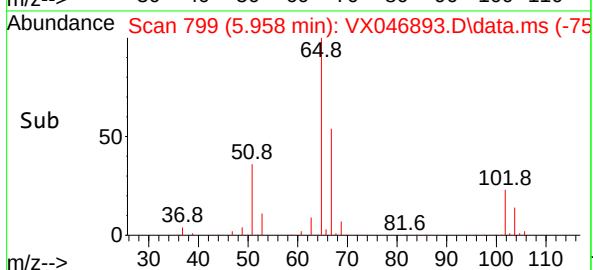
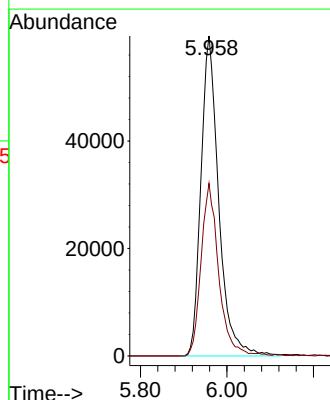
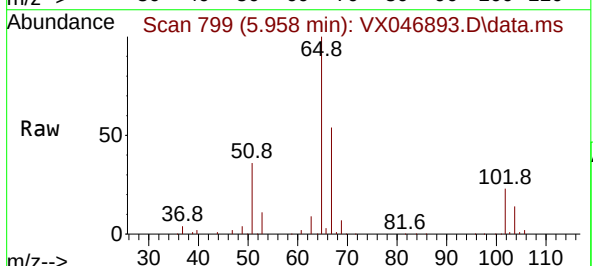
Instrument :
MSVOA_X
ClientSampleId :
VX0707MBL01

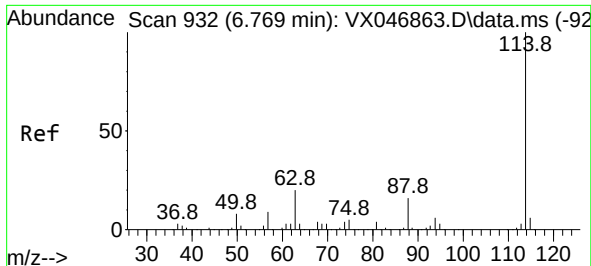
Tgt Ion:168 Resp: 262695
Ion Ratio Lower Upper
168 100
99 57.9 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 48.847 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX046893.D
Acq: 07 Jul 2025 09:13

Tgt Ion: 65 Resp: 169520
Ion Ratio Lower Upper
65 100
67 53.6 0.0 105.2

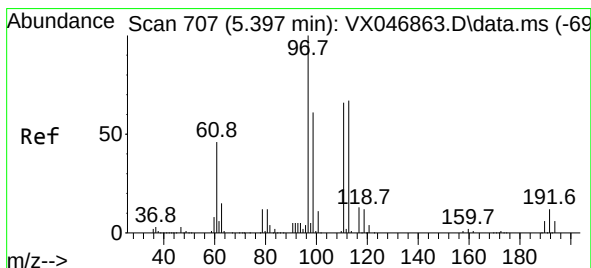
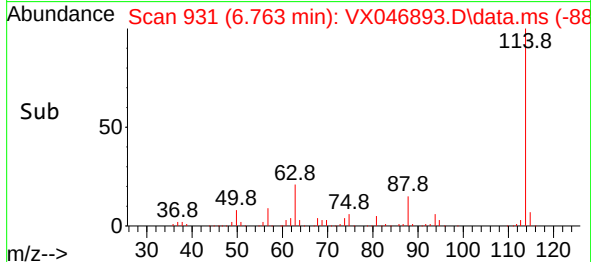
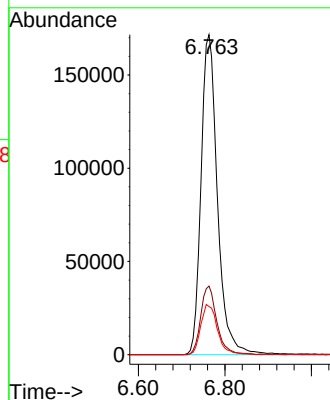
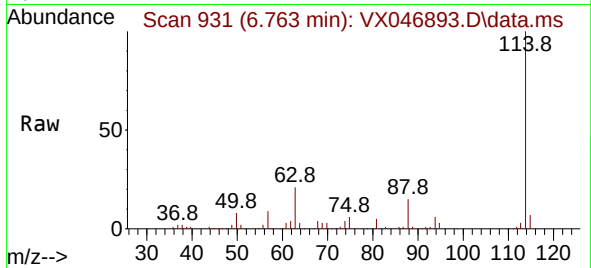




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX046893.D
Acq: 07 Jul 2025 09:13

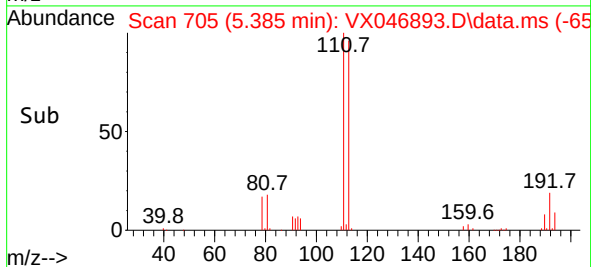
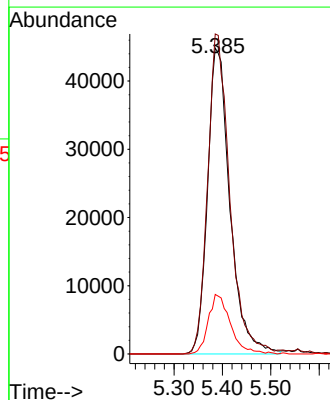
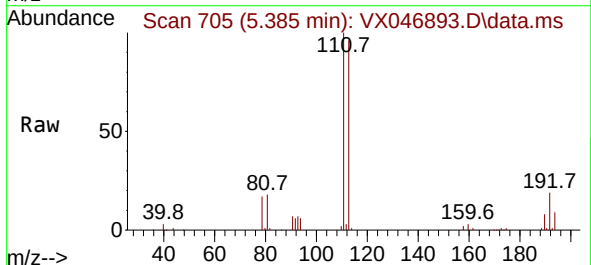
Instrument :
MSVOA_X
ClientSampleId :
VX0707MBL01

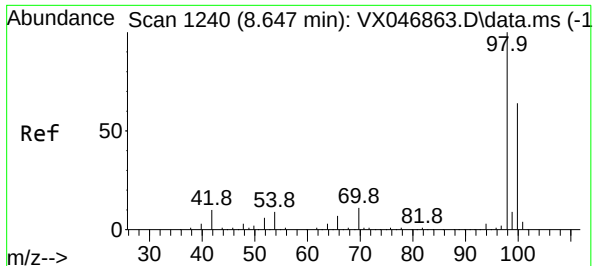
Tgt Ion:114 Resp: 451036
Ion Ratio Lower Upper
114 100
63 21.4 0.0 40.4
88 15.0 0.0 31.0



#35
Dibromofluoromethane
Concen: 47.172 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.012 min
Lab File: VX046893.D
Acq: 07 Jul 2025 09:13

Tgt Ion:113 Resp: 144425
Ion Ratio Lower Upper
113 100
111 103.2 81.2 121.8
192 19.1 15.3 22.9

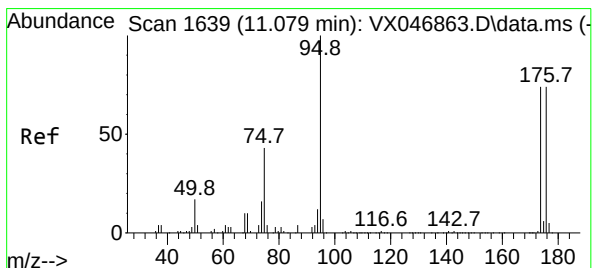
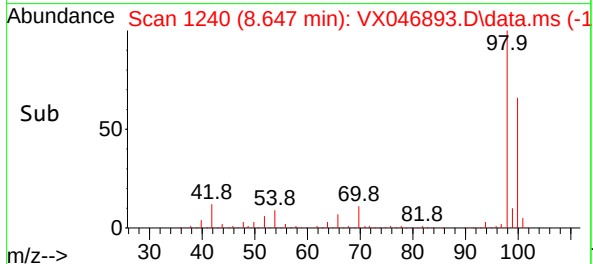
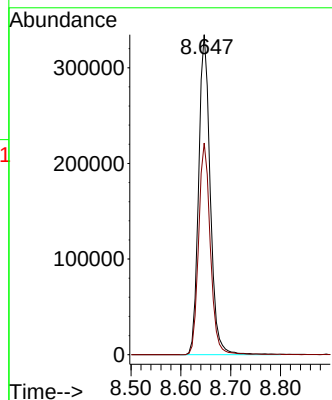
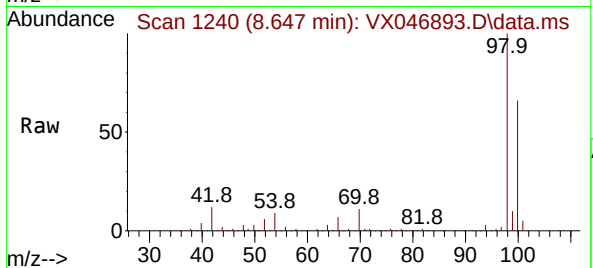




#50
Toluene-d8
Concen: 49.991 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046893.D
Acq: 07 Jul 2025 09:13

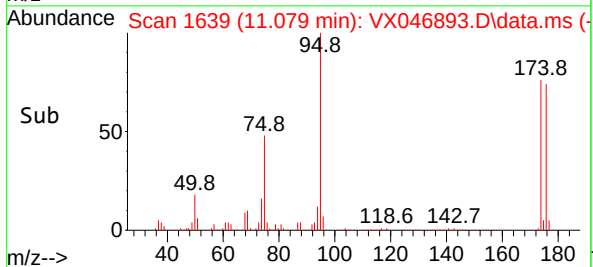
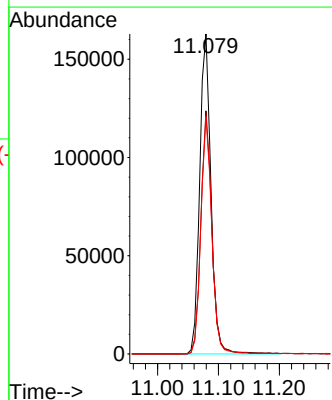
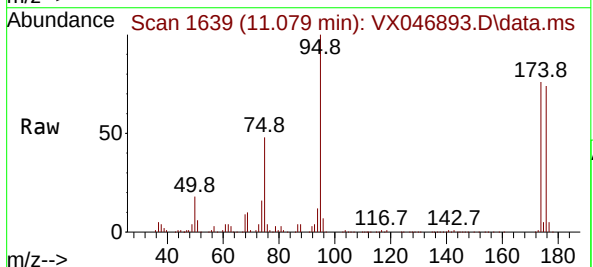
Instrument :
MSVOA_X
ClientSampleId :
VX0707MBL01

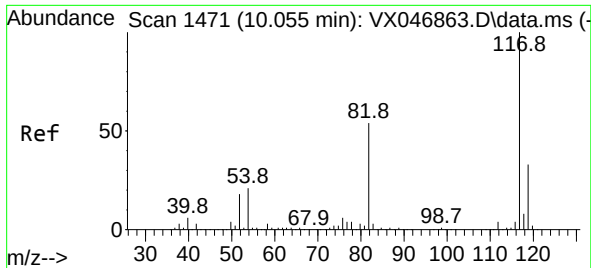
Tgt Ion: 98 Resp: 540014
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 50.997 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046893.D
Acq: 07 Jul 2025 09:13

Tgt Ion: 95 Resp: 209365
Ion Ratio Lower Upper
95 100
174 74.5 0.0 152.0
176 71.9 0.0 145.2

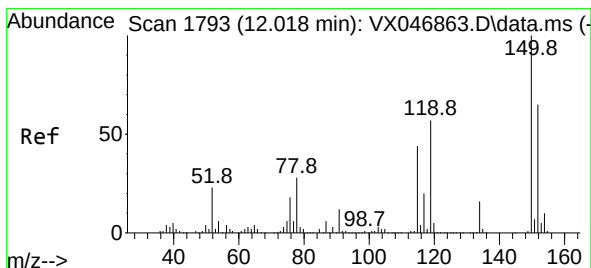
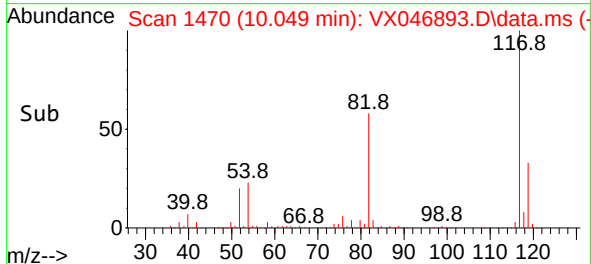
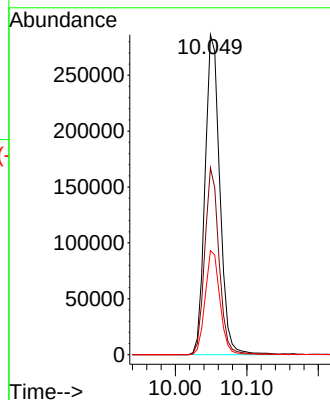
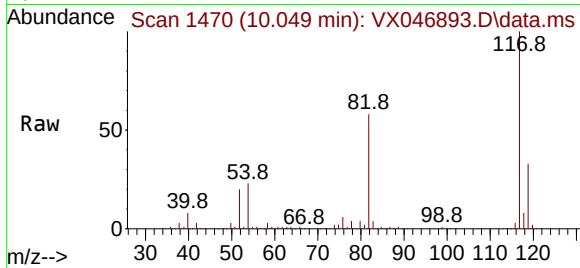




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX046893.D
Acq: 07 Jul 2025 09:13

Instrument :
MSVOA_X
ClientSampleId :
VX0707MBL01

Tgt Ion:117 Resp: 411755
Ion Ratio Lower Upper
117 100
82 58.4 43.3 64.9
119 32.5 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: VX046893.D
Acq: 07 Jul 2025 09:13

Tgt Ion:152 Resp: 203879
Ion Ratio Lower Upper
152 100
115 61.4 42.4 127.1
150 160.7 0.0 349.2

