

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
 Data File : VX046872.D
 Acq On : 03 Jul 2025 09:35
 Operator : JC/MD
 Sample : Q2458-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-06272025

Quant Time: Jul 04 01:26:34 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	397171	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	689071	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	628783	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	317895	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	265228	50.548	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.100%
35) Dibromofluoromethane	5.391	113	223276	47.735	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.460%
50) Toluene-d8	8.647	98	821236	49.763	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.520%
62) 4-Bromofluorobenzene	11.079	95	313594	49.998	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.000%

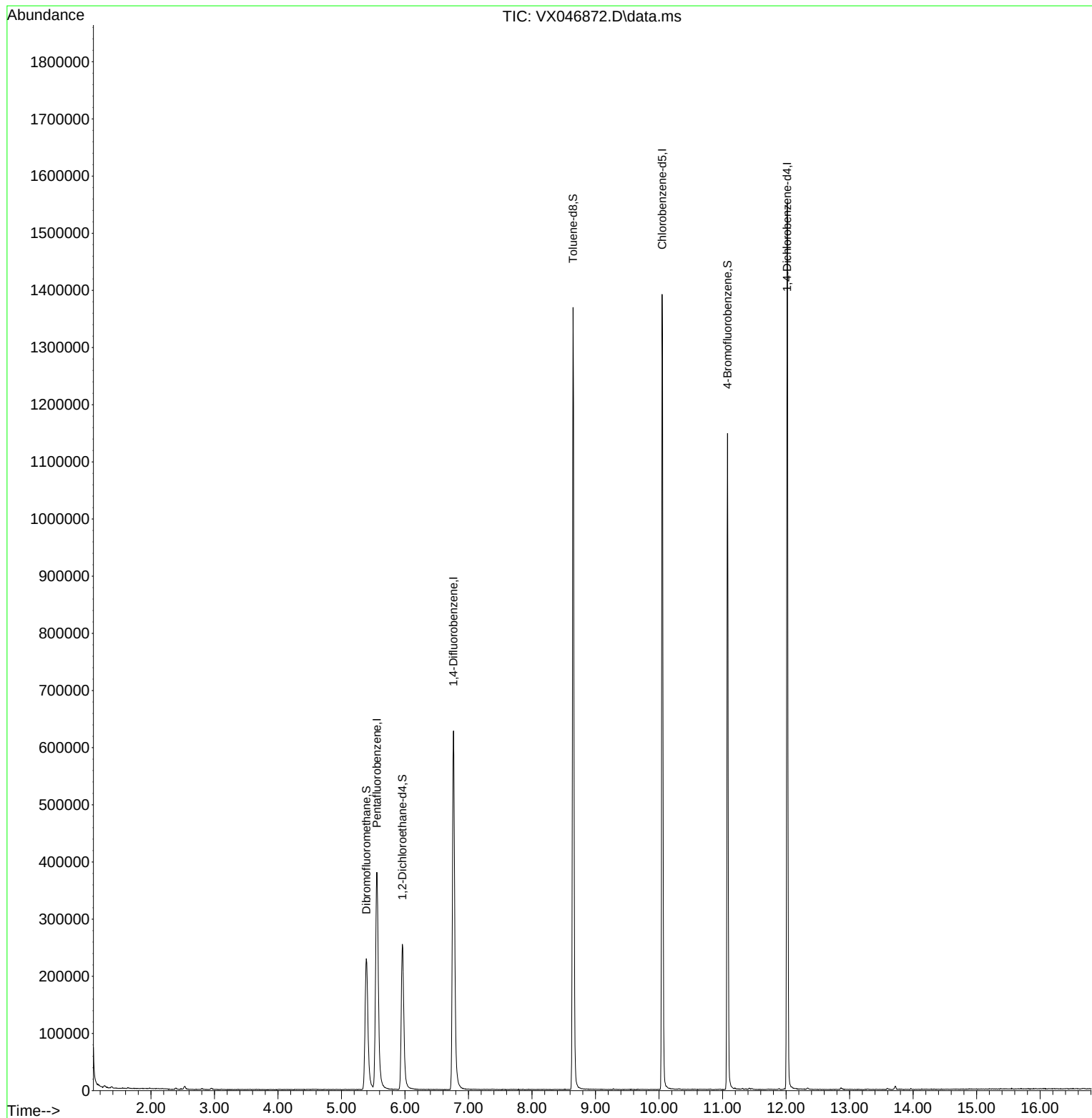
Target Compounds	Qvalue

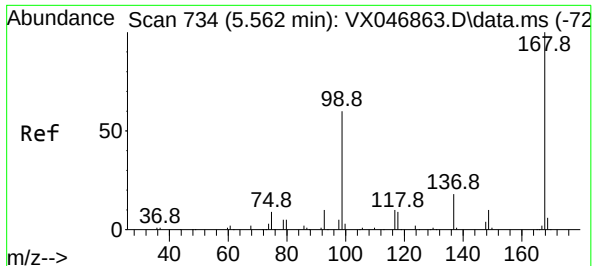
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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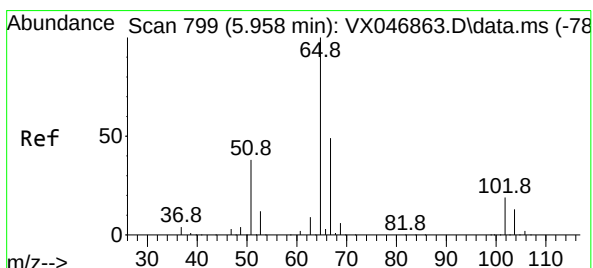
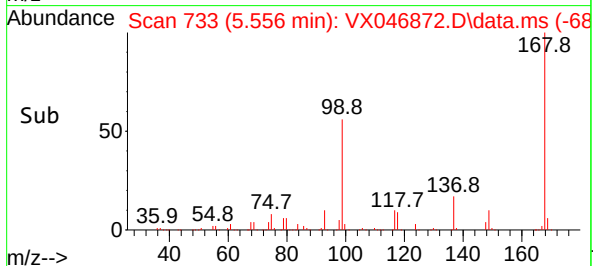
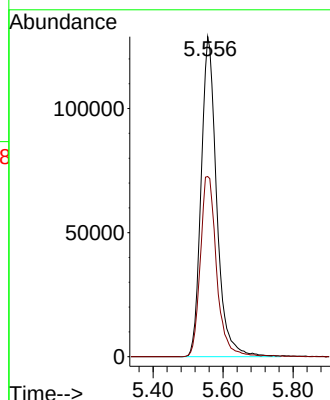
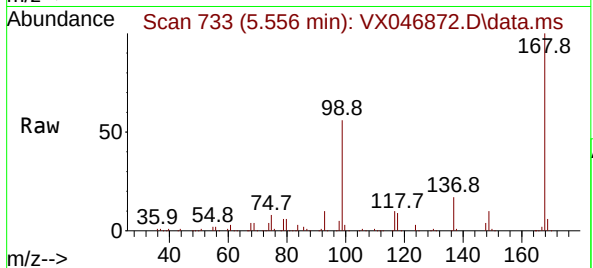




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.006 min
Lab File: VX046872.D
Acq: 03 Jul 2025 09:35

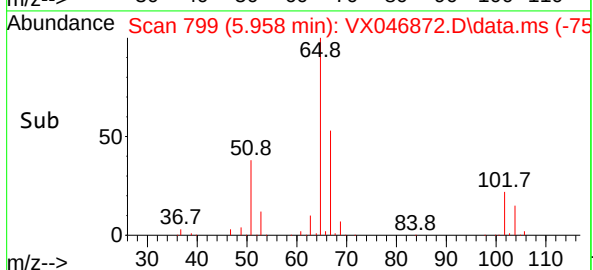
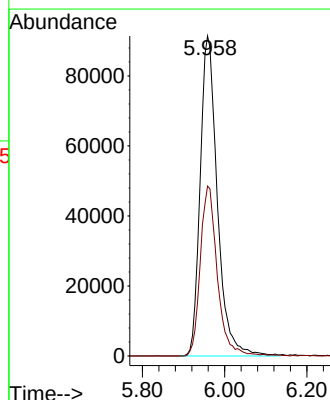
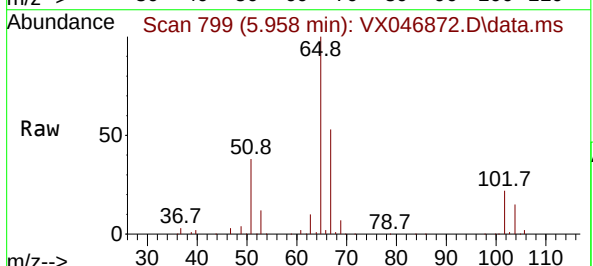
Instrument :
MSVOA_X
ClientSampleId :
FB-06272025

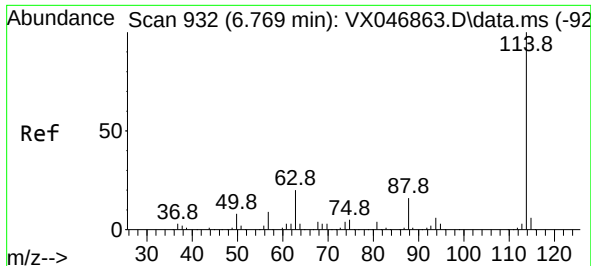
Tgt Ion:168 Resp: 397171
Ion Ratio Lower Upper
168 100
99 56.3 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 50.548 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX046872.D
Acq: 03 Jul 2025 09:35

Tgt Ion: 65 Resp: 265228
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.2

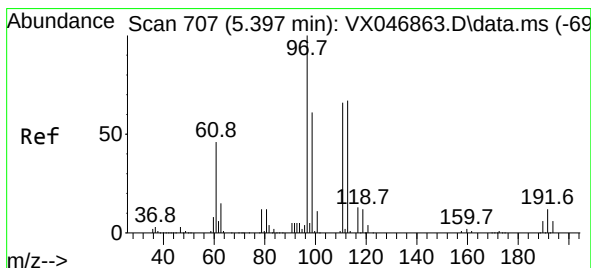
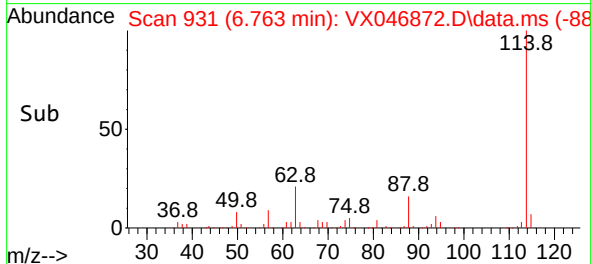
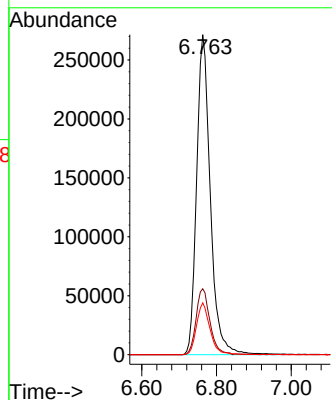
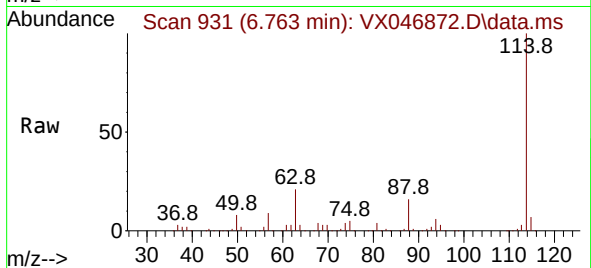




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX046872.D
Acq: 03 Jul 2025 09:35

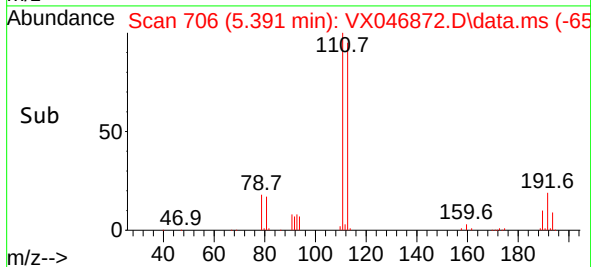
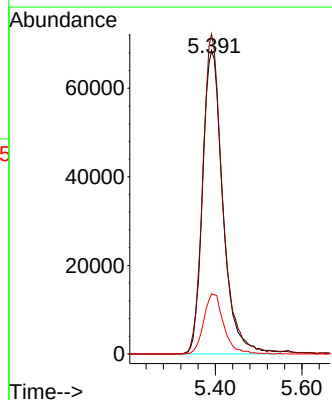
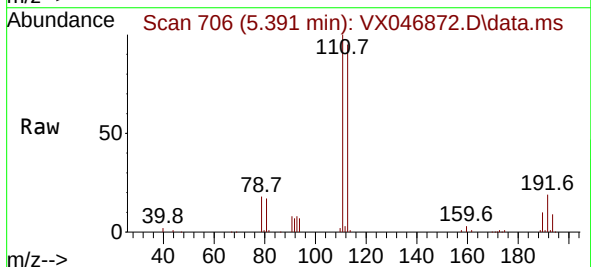
Instrument :
MSVOA_X
ClientSampleId :
FB-06272025

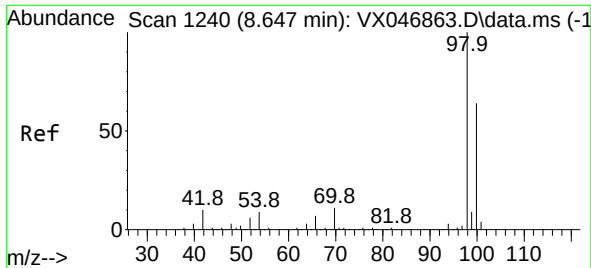
Tgt Ion:114 Resp: 689071
Ion Ratio Lower Upper
114 100
63 20.6 0.0 40.4
88 16.2 0.0 31.0



#35
Dibromofluoromethane
Concen: 47.735 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX046872.D
Acq: 03 Jul 2025 09:35

Tgt Ion:113 Resp: 223276
Ion Ratio Lower Upper
113 100
111 102.7 81.2 121.8
192 19.5 15.3 22.9

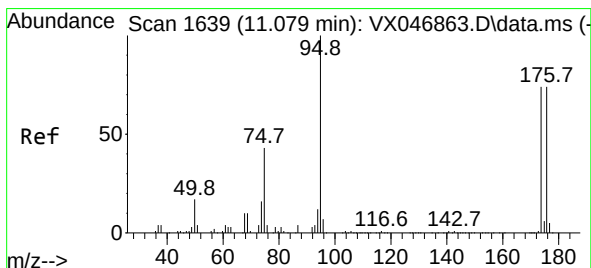
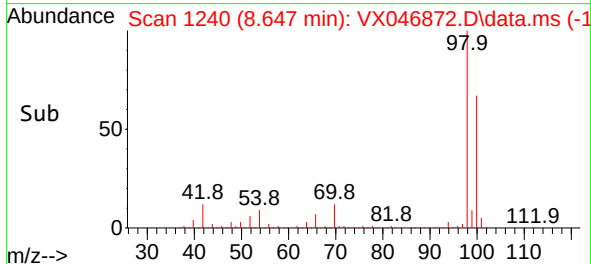
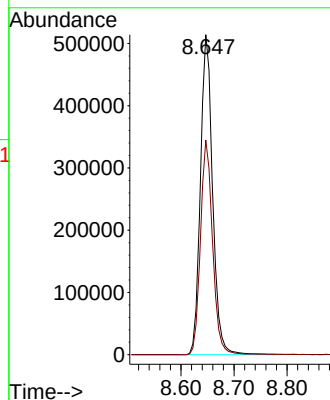
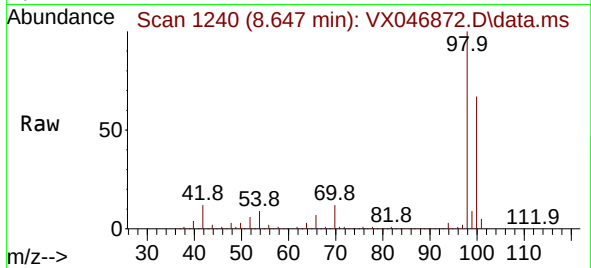




#50
Toluene-d8
Concen: 49.763 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046872.D
Acq: 03 Jul 2025 09:35

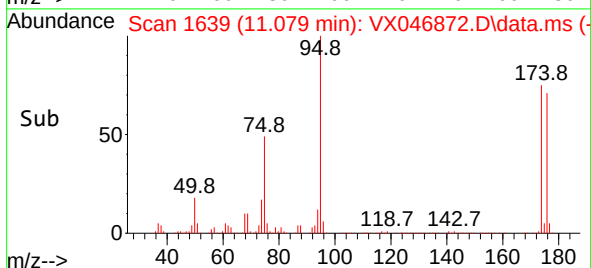
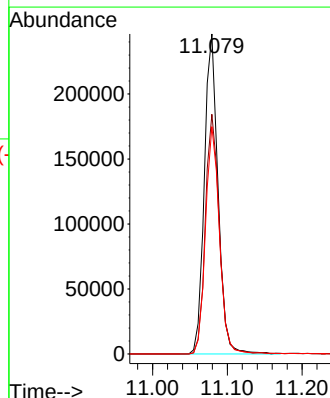
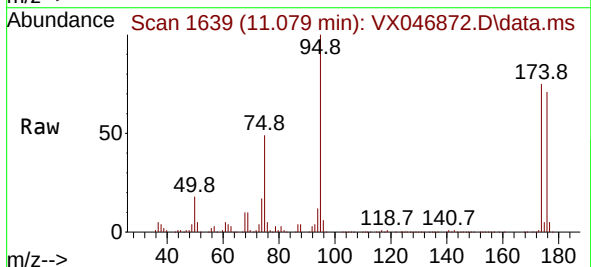
Instrument :
MSVOA_X
ClientSampleId :
FB-06272025

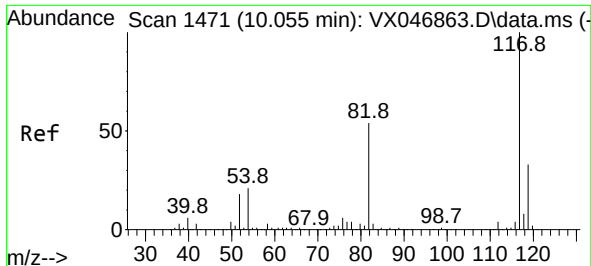
Tgt Ion: 98 Resp: 821236
Ion Ratio Lower Upper
98 100
100 66.8 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 49.998 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046872.D
Acq: 03 Jul 2025 09:35

Tgt Ion: 95 Resp: 313594
Ion Ratio Lower Upper
95 100
174 76.5 0.0 152.0
176 72.3 0.0 145.2

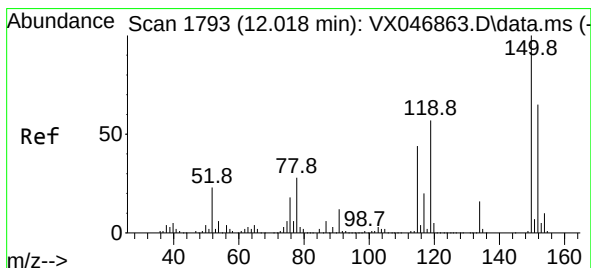
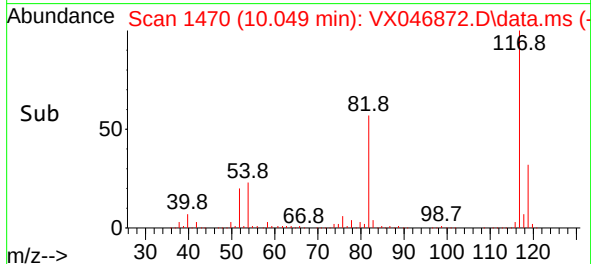
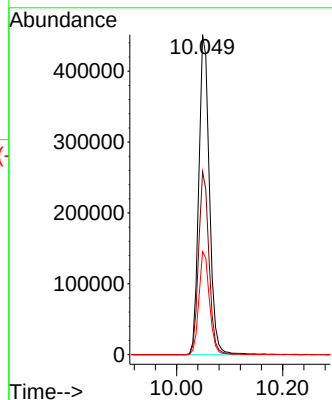
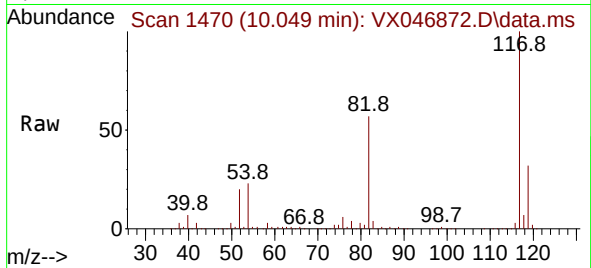




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX046872.D
Acq: 03 Jul 2025 09:35

Instrument :
MSVOA_X
ClientSampleId :
FB-06272025

Tgt Ion:117 Resp: 628783
Ion Ratio Lower Upper
117 100
82 57.2 43.3 64.9
119 32.3 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: VX046872.D
Acq: 03 Jul 2025 09:35

Tgt Ion:152 Resp: 317895
Ion Ratio Lower Upper
152 100
115 60.5 42.4 127.1
150 156.6 0.0 349.2

