

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082225\
 Data File : VX047486.D
 Acq On : 22 Aug 2025 10:53
 Operator : JC/MD
 Sample : VX0822WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0822WBL01

Quant Time: Aug 25 01:24:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	210866	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	425323	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	433100	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	221983	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	170925	57.918	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	115.840%
35) Dibromofluoromethane	5.397	113	139968	50.706	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.420%
50) Toluene-d8	8.647	98	486341	49.293	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.580%
62) 4-Bromofluorobenzene	11.079	95	205709	56.500	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	113.000%

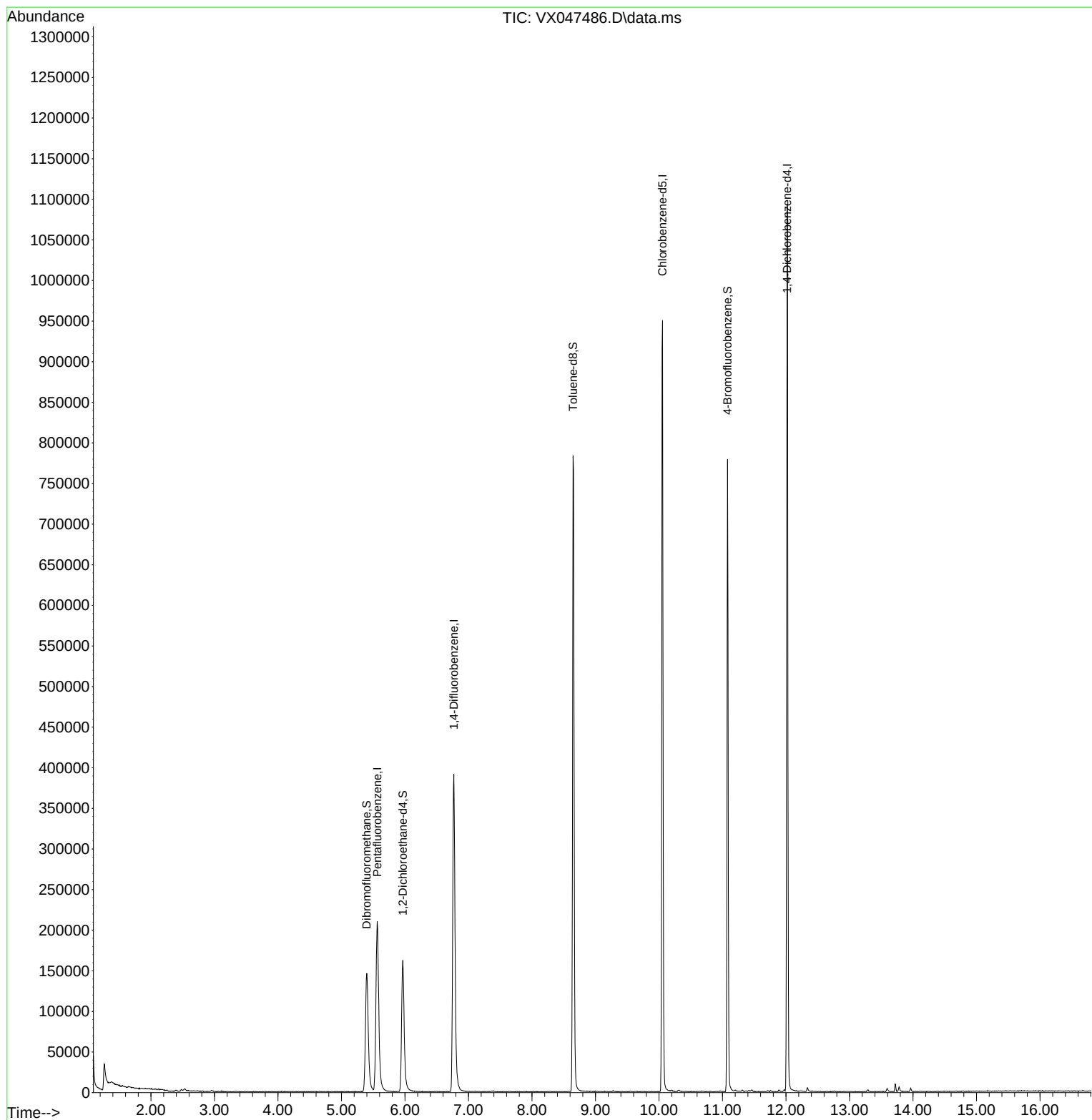
Target Compounds	Qvalue

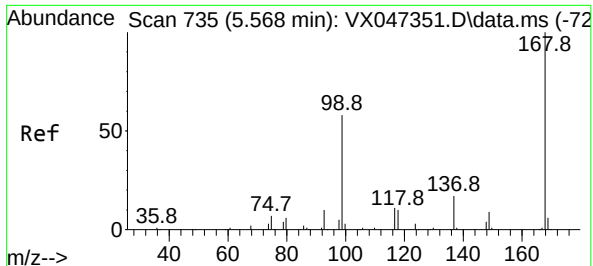
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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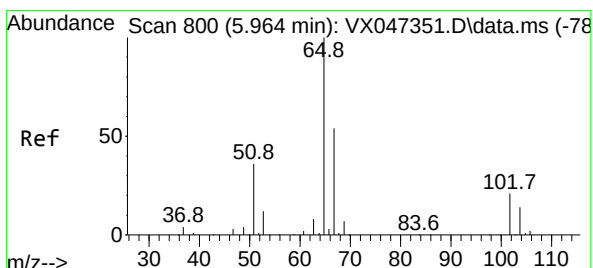
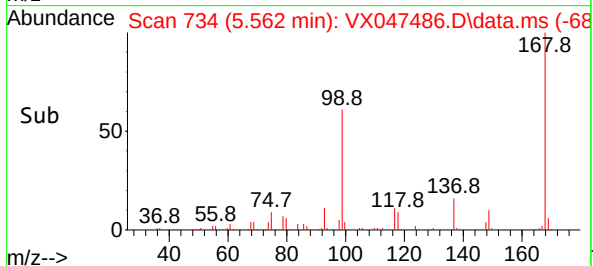
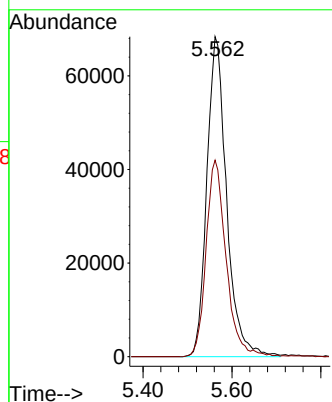
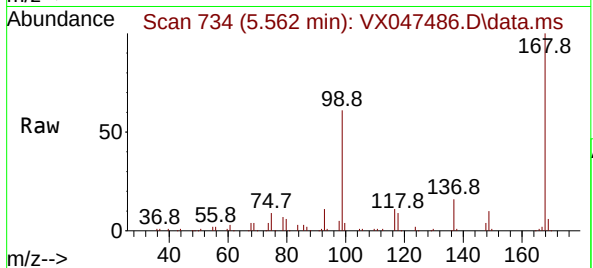




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047486.D
Acq: 22 Aug 2025 10:53

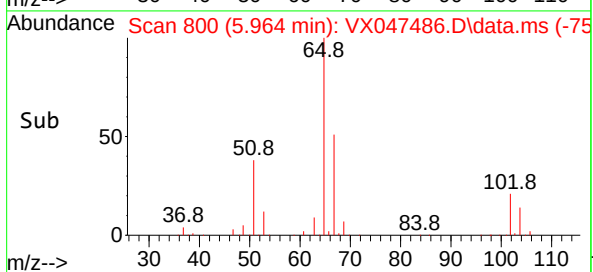
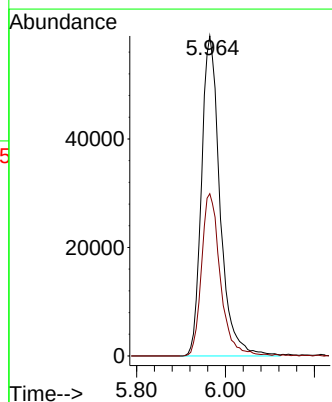
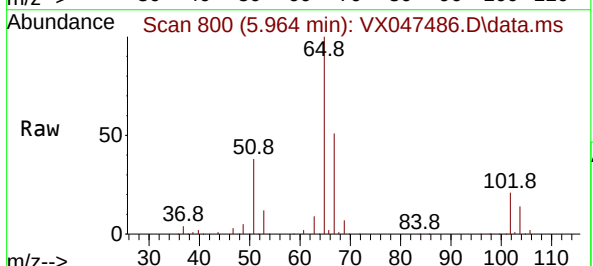
Instrument :
MSVOA_X
ClientSampleId :
VX0822WBL01

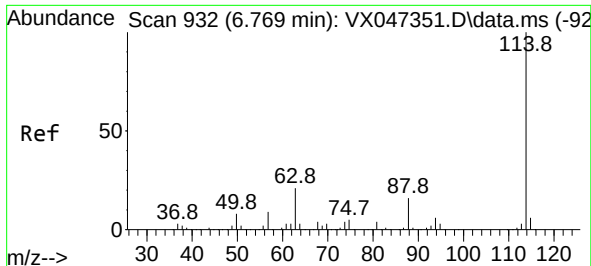
Tgt Ion:168 Resp: 210866
Ion Ratio Lower Upper
168 100
99 61.4 47.9 71.9



#33
1,2-Dichloroethane-d4
Concen: 57.918 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047486.D
Acq: 22 Aug 2025 10:53

Tgt Ion: 65 Resp: 170925
Ion Ratio Lower Upper
65 100
67 51.3 0.0 106.0

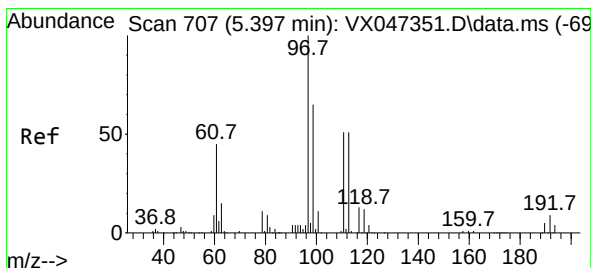
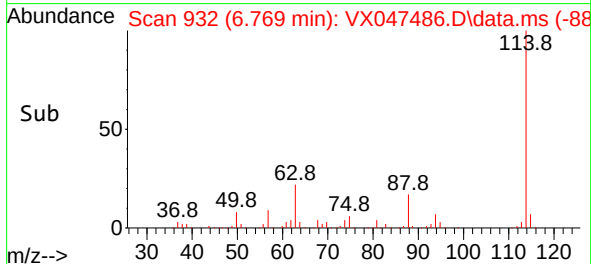
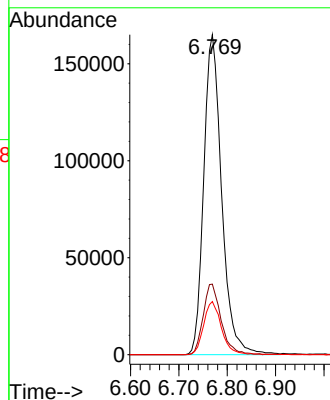
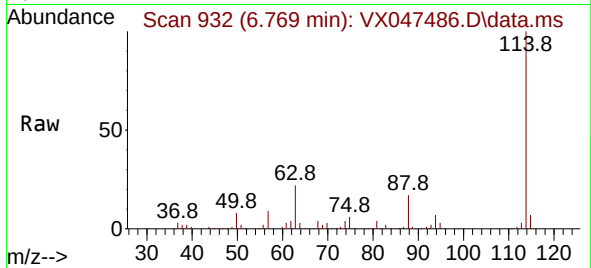




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX047486.D
Acq: 22 Aug 2025 10:53

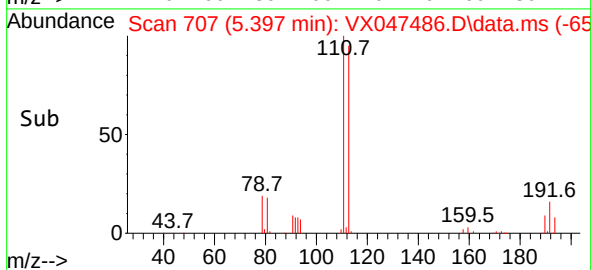
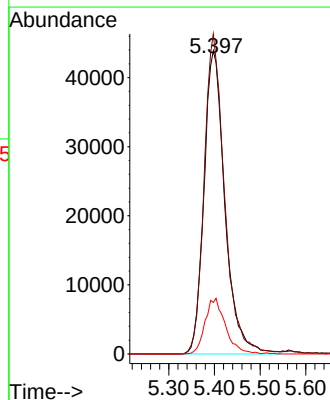
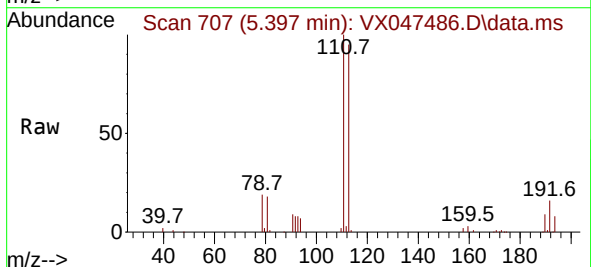
Instrument :
MSVOA_X
ClientSampleId :
VX0822WBL01

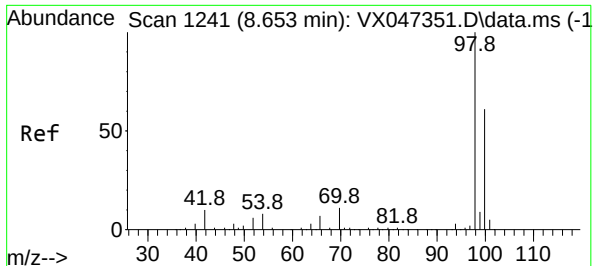
Tgt Ion:114 Resp: 425323
Ion Ratio Lower Upper
114 100
63 22.1 0.0 42.4
88 16.6 0.0 33.0



#35
Dibromofluoromethane
Concen: 50.706 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047486.D
Acq: 22 Aug 2025 10:53

Tgt Ion:113 Resp: 139968
Ion Ratio Lower Upper
113 100
111 102.5 81.4 122.2
192 17.9 14.1 21.1

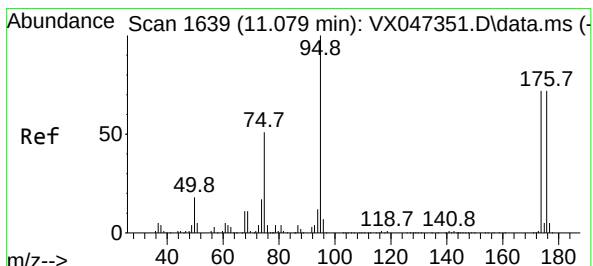
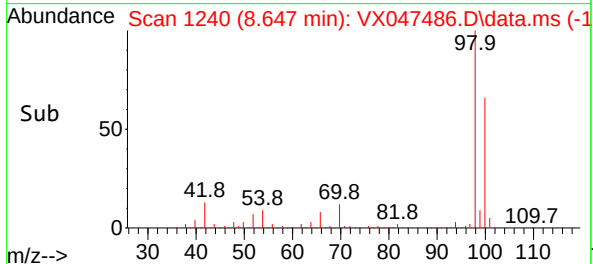
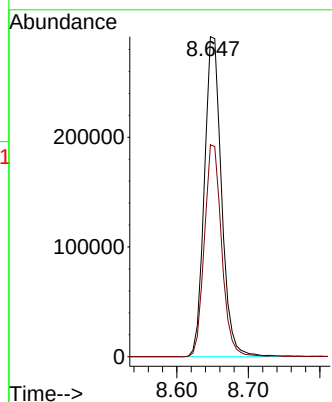
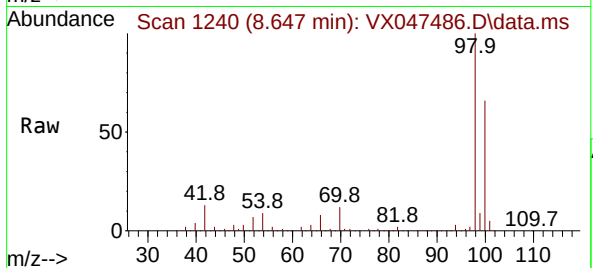




#50
Toluene-d8
Concen: 49.293 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047486.D
Acq: 22 Aug 2025 10:53

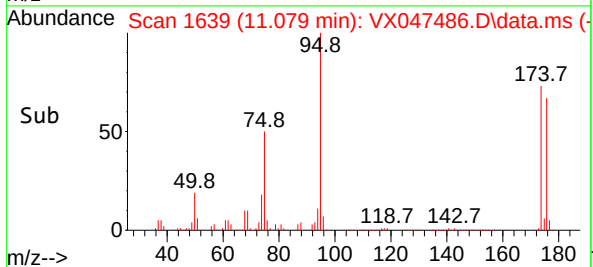
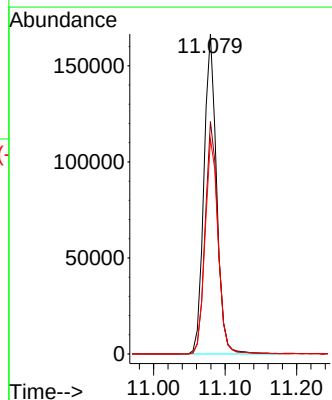
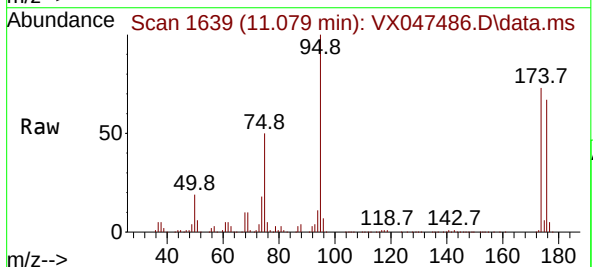
Instrument :
MSVOA_X
ClientSampleId :
VX0822WBL01

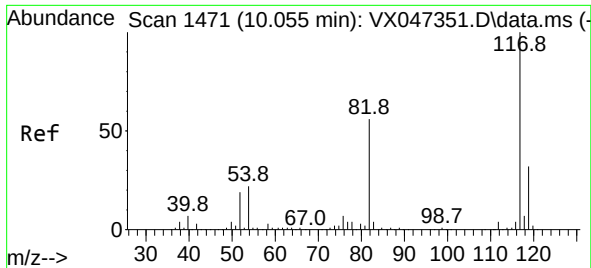
Tgt Ion: 98 Resp: 486341
Ion Ratio Lower Upper
98 100
100 66.6 53.9 80.9



#62
4-Bromofluorobenzene
Concen: 56.500 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047486.D
Acq: 22 Aug 2025 10:53

Tgt Ion: 95 Resp: 205709
Ion Ratio Lower Upper
95 100
174 73.3 0.0 148.0
176 69.6 0.0 145.4

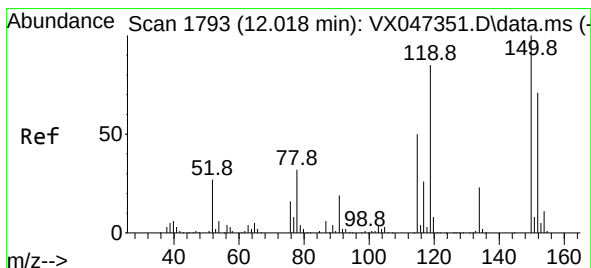
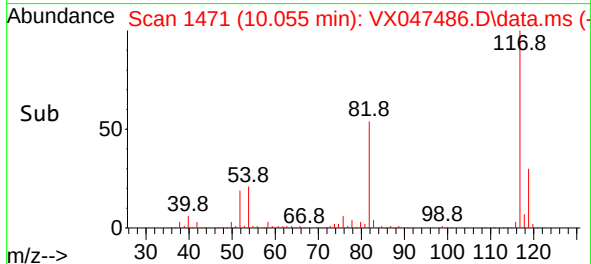
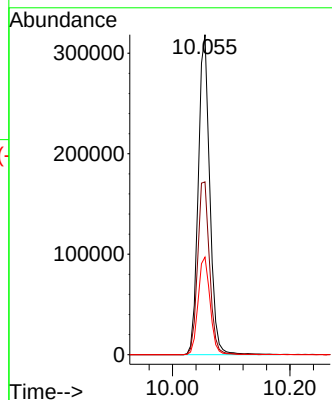
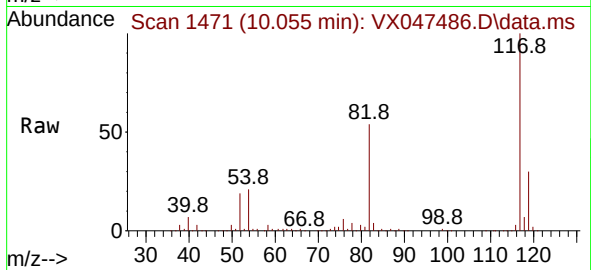




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047486.D
Acq: 22 Aug 2025 10:53

Instrument :
MSVOA_X
ClientSampleId :
VX0822WBL01

Tgt Ion:117 Resp: 433100
Ion Ratio Lower Upper
117 100
82 54.0 45.0 67.4
119 30.5 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047486.D
Acq: 22 Aug 2025 10:53

Tgt Ion:152 Resp: 221983
Ion Ratio Lower Upper
152 100
115 61.4 44.6 133.8
150 155.9 0.0 349.8

