

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062325\
 Data File : VX046822.D
 Acq On : 23 Jun 2025 15:55
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jun 24 04:09:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 18 03:09:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	197360	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	343501	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	304462	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	155064	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	129235	47.342	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.680%
35) Dibromofluoromethane	5.403	113	108025	47.531	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.060%
50) Toluene-d8	8.653	98	405035	49.604	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.200%
62) 4-Bromofluorobenzene	11.079	95	155132	50.967	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.940%

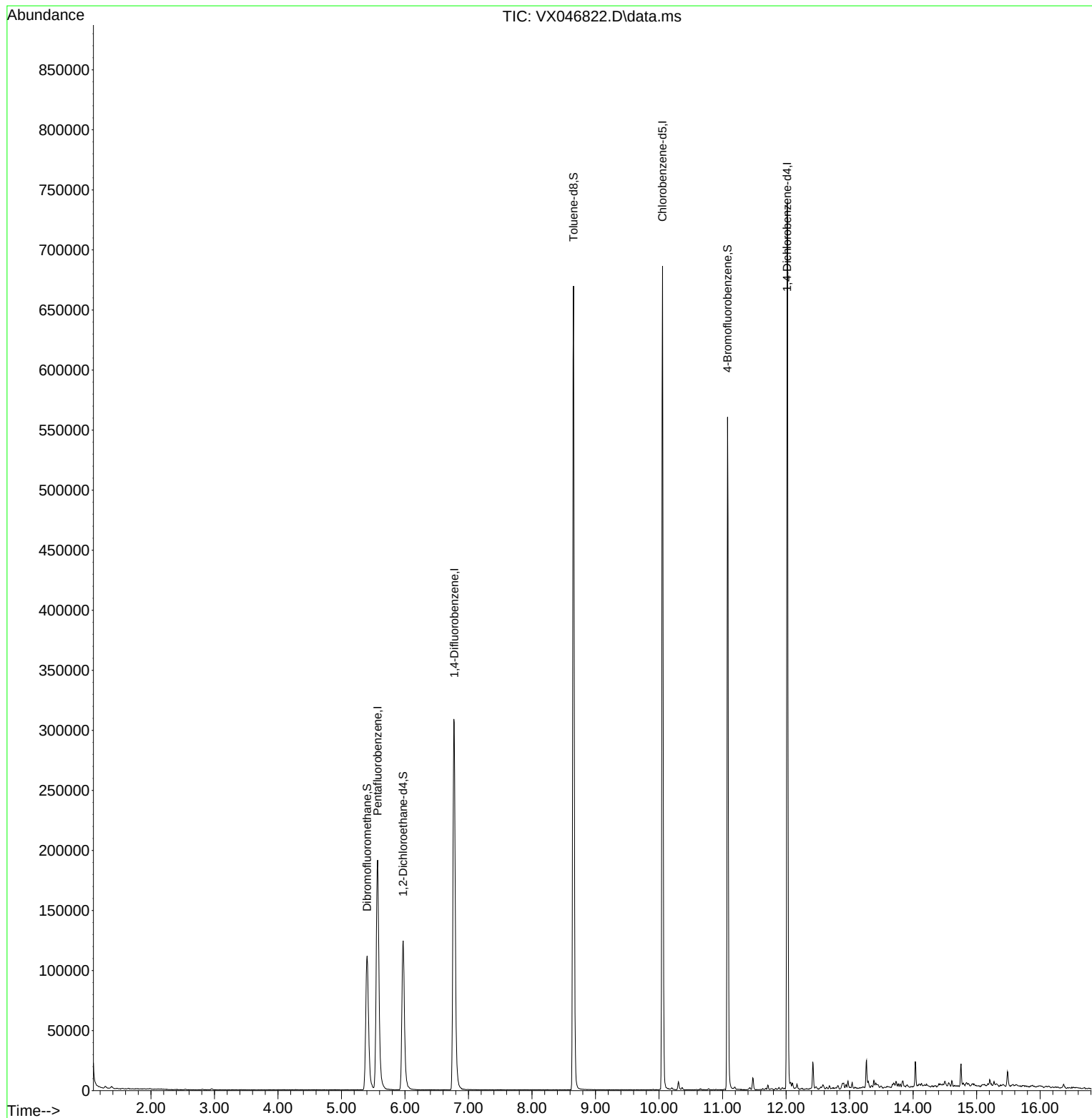
Target Compounds	Qvalue

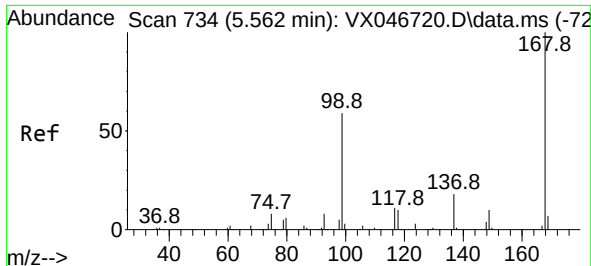
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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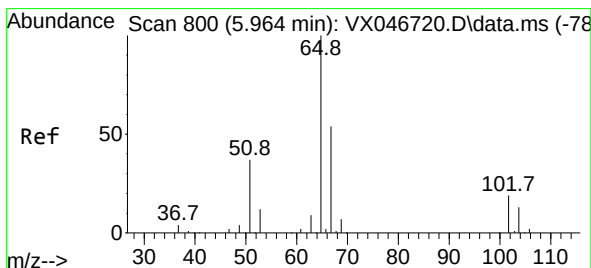
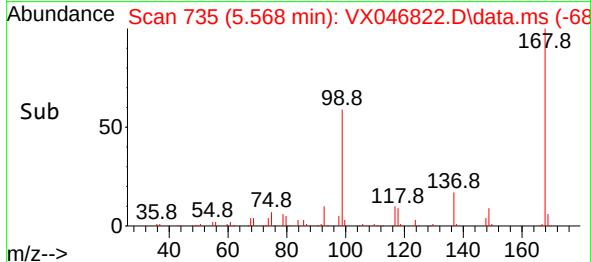
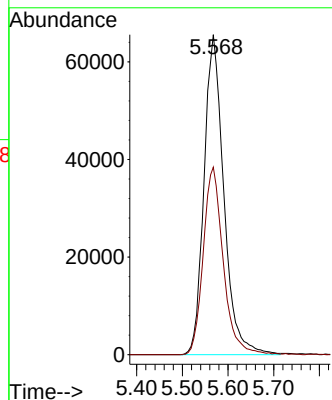
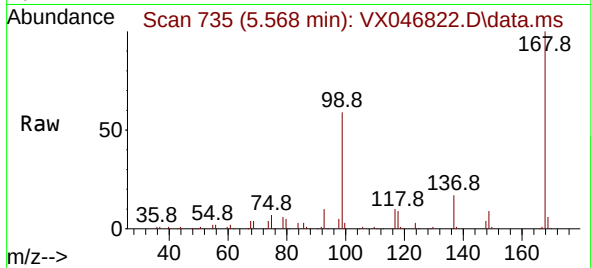




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046822.D
Acq: 23 Jun 2025 15:55

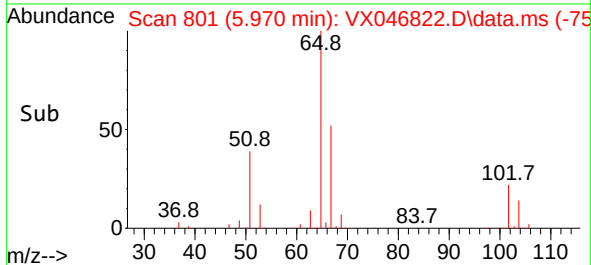
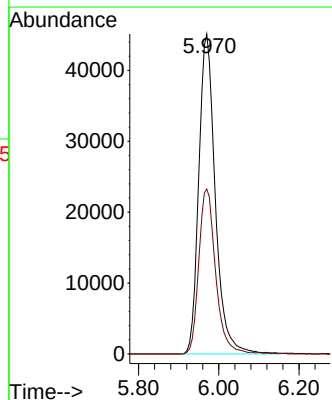
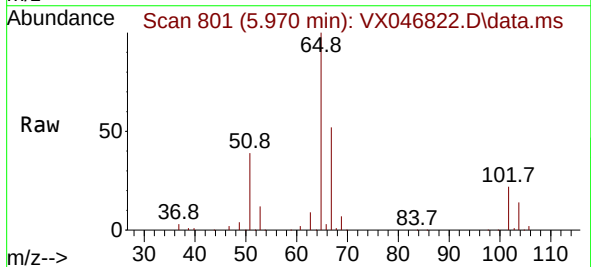
Instrument :
MSVOA_X
ClientSampleId :
IBLK

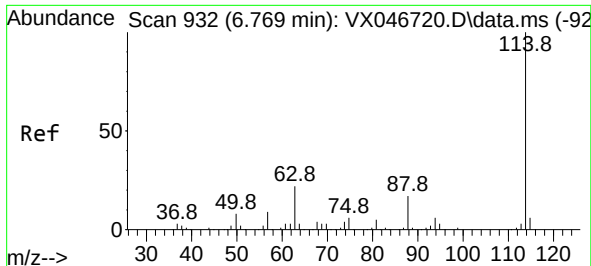
Tgt Ion:168 Resp: 197360
Ion Ratio Lower Upper
168 100
99 58.6 48.5 72.7



#33
1,2-Dichloroethane-d4
Concen: 47.342 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX046822.D
Acq: 23 Jun 2025 15:55

Tgt Ion: 65 Resp: 129235
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.4

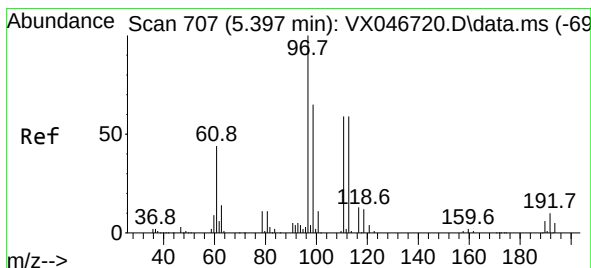
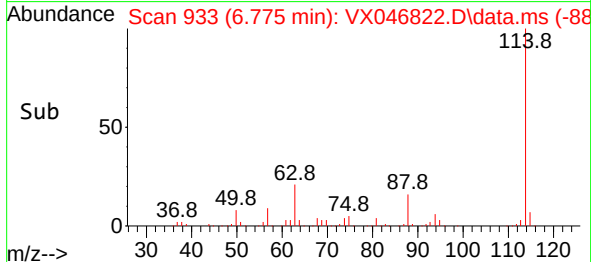
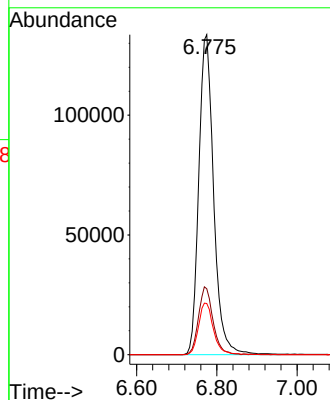
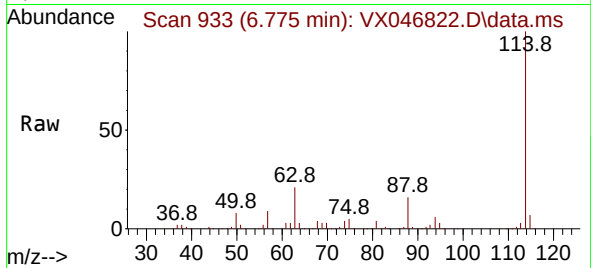




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.775 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX046822.D
Acq: 23 Jun 2025 15:55

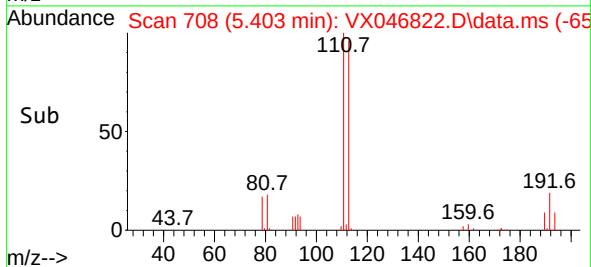
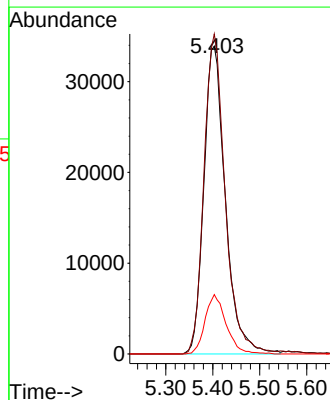
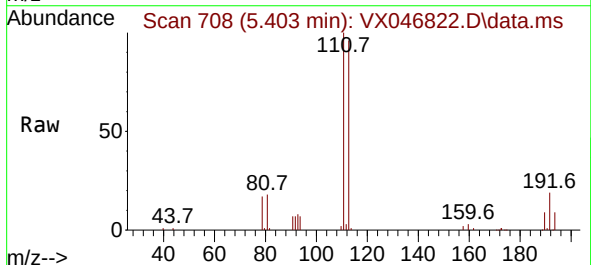
Instrument :
MSVOA_X
ClientSampleId :
IBLK

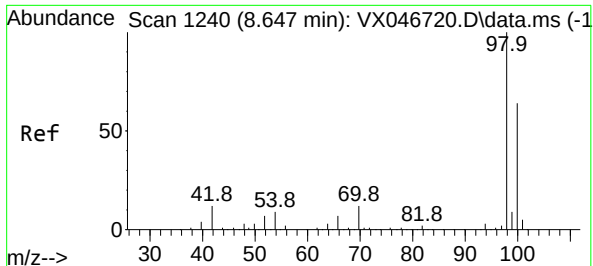
Tgt Ion:114 Resp: 343501
Ion Ratio Lower Upper
114 100
63 20.6 0.0 44.2
88 16.0 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.531 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.006 min
Lab File: VX046822.D
Acq: 23 Jun 2025 15:55

Tgt Ion:113 Resp: 108025
Ion Ratio Lower Upper
113 100
111 102.2 82.0 123.0
192 18.9 15.3 22.9

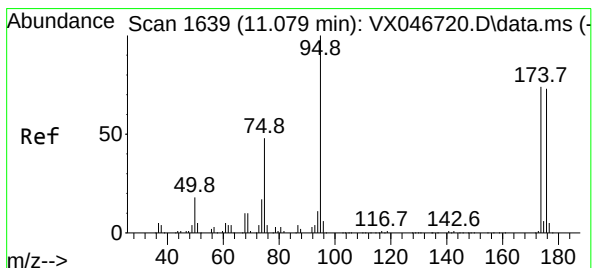
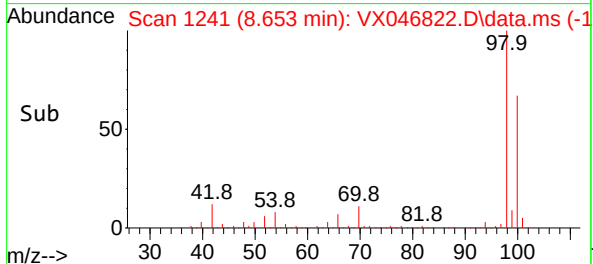
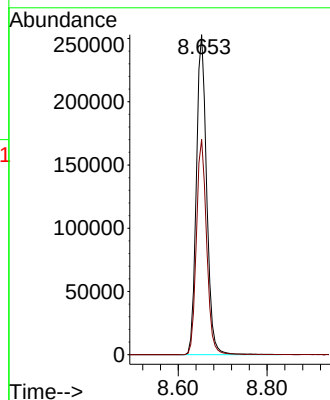
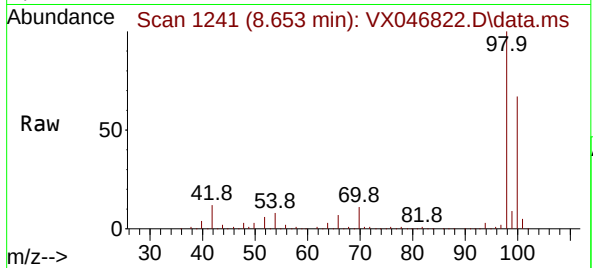




#50
Toluene-d8
Concen: 49.604 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX046822.D
Acq: 23 Jun 2025 15:55

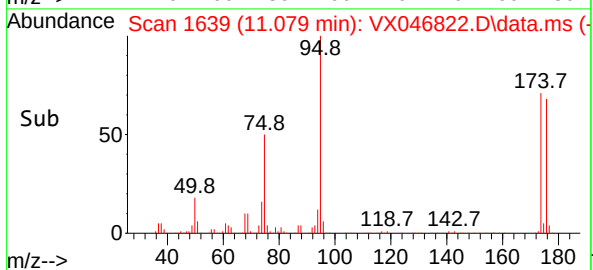
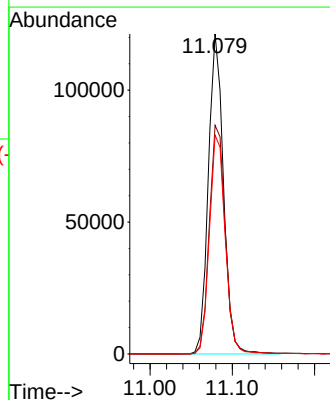
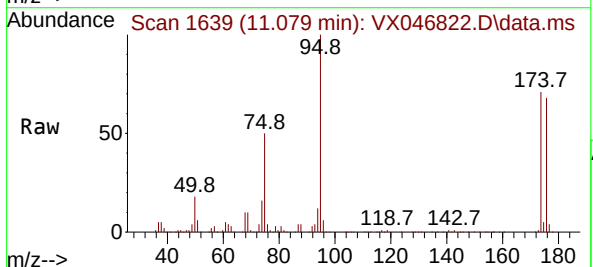
Instrument :
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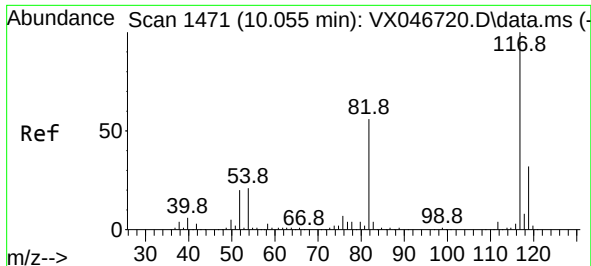
Tgt Ion: 98 Resp: 405035
Ion Ratio Lower Upper
98 100
100 66.9 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 50.967 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046822.D
Acq: 23 Jun 2025 15:55

Tgt Ion: 95 Resp: 155132
Ion Ratio Lower Upper
95 100
174 75.8 0.0 150.4
176 71.6 0.0 145.0

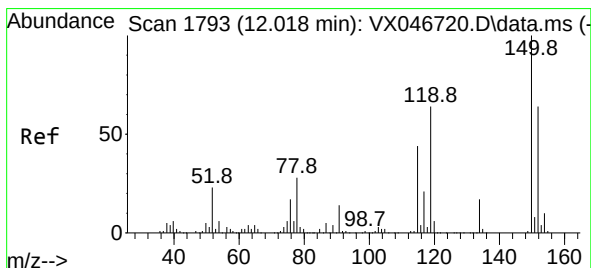
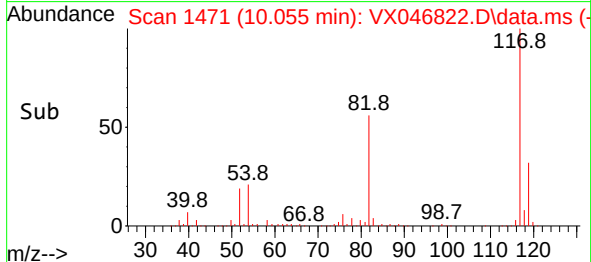
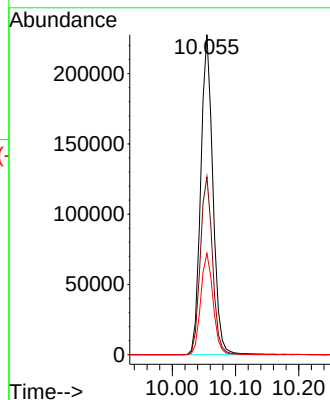
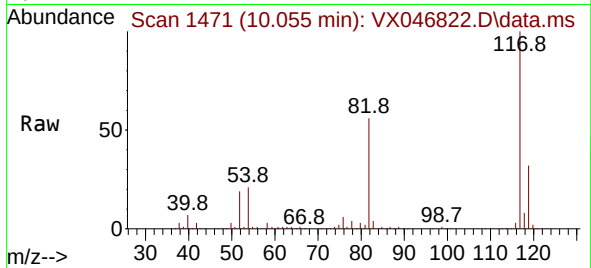




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046822.D
Acq: 23 Jun 2025 15:55

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 304462
Ion Ratio Lower Upper
117 100
82 55.6 44.6 66.8
119 31.7 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: VX046822.D
Acq: 23 Jun 2025 15:55

Tgt Ion:152 Resp: 155064
Ion Ratio Lower Upper
152 100
115 60.4 43.2 129.6
150 155.5 0.0 346.8

