

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071825\
 Data File : VX047039.D
 Acq On : 18 Jul 2025 10:58
 Operator : JC/MD
 Sample : VX0718MBL01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0718MBL01

Quant Time: Jul 19 04:20:05 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	277774	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	491382	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	464233	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	222998	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	191596	52.211	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	104.420%
35) Dibromofluoromethane	5.391	113	159734	47.889	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.780%
50) Toluene-d8	8.647	98	588943	50.044	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.080%
62) 4-Bromofluorobenzene	11.079	95	241737	54.048	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.100%

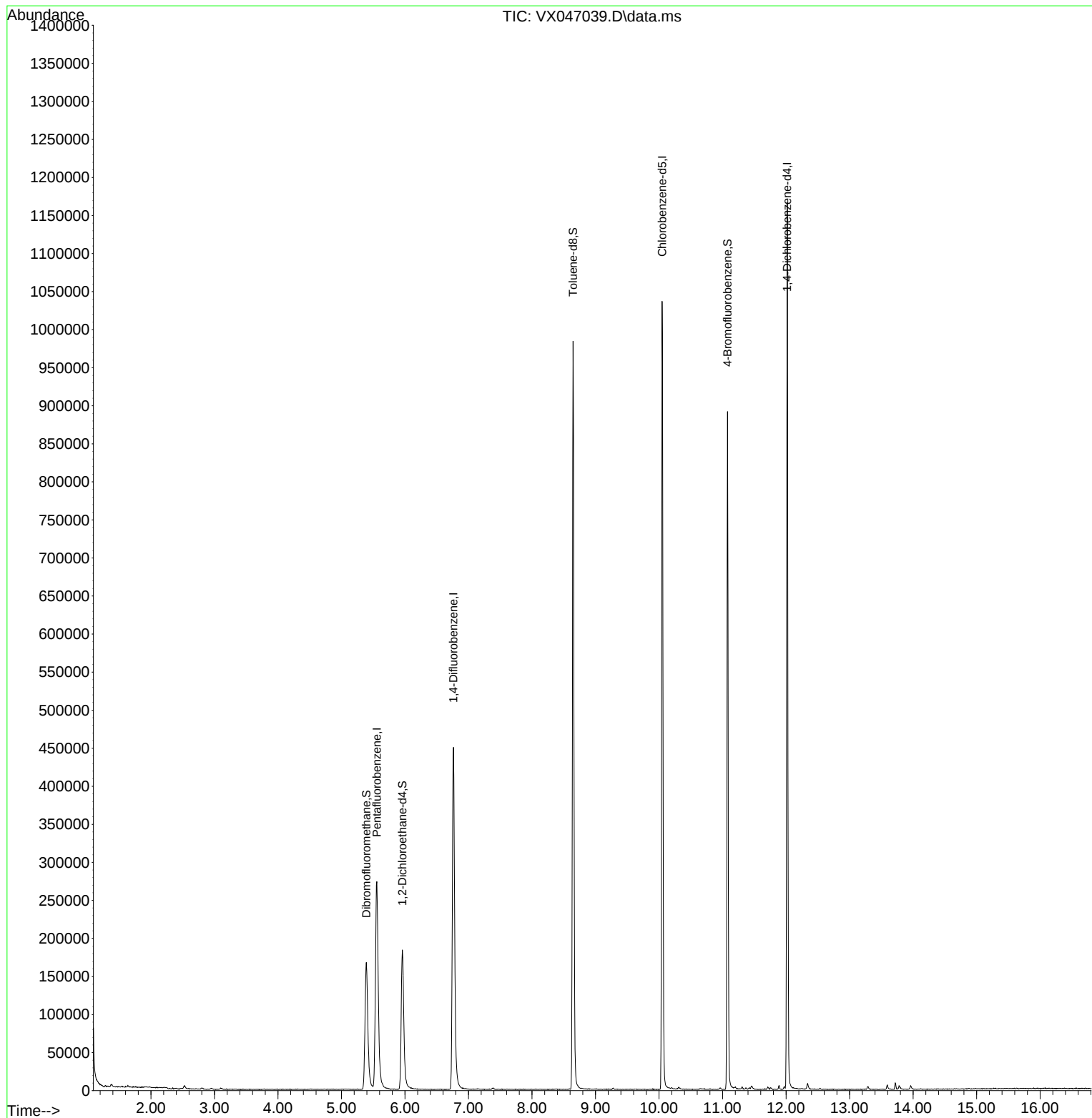
Target Compounds	Qvalue

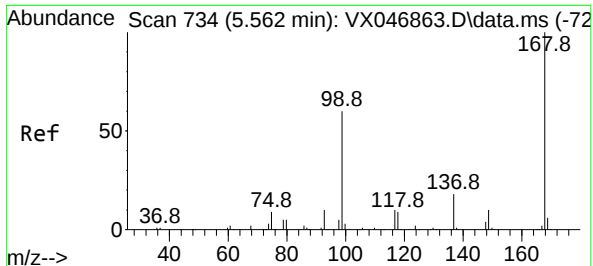
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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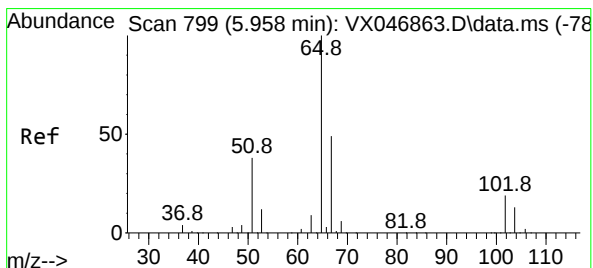
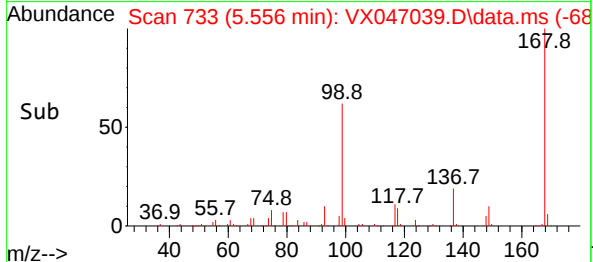
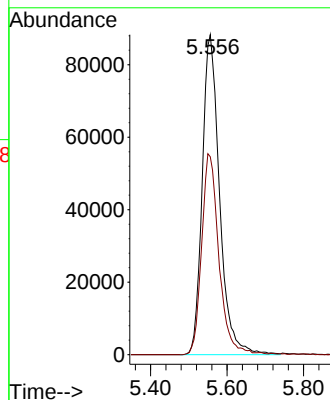
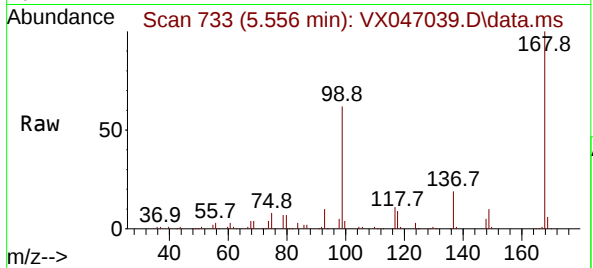




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.006 min
Lab File: VX047039.D
Acq: 18 Jul 2025 10:58

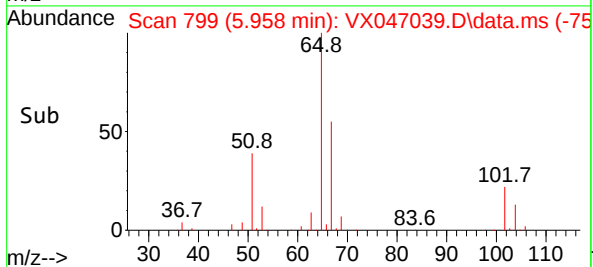
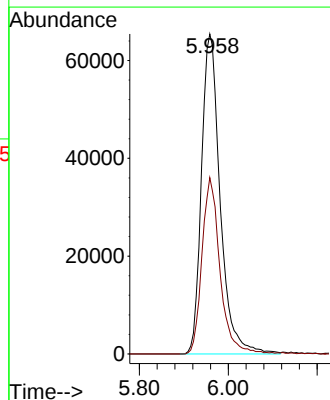
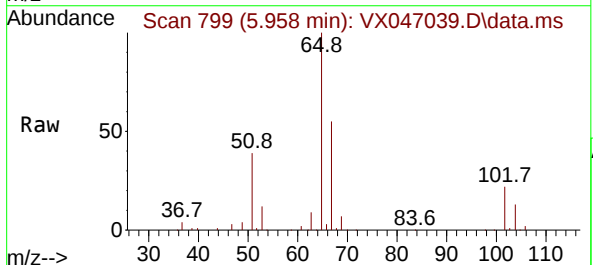
Instrument :
MSVOA_X
ClientSampleId :
VX0718MBL01

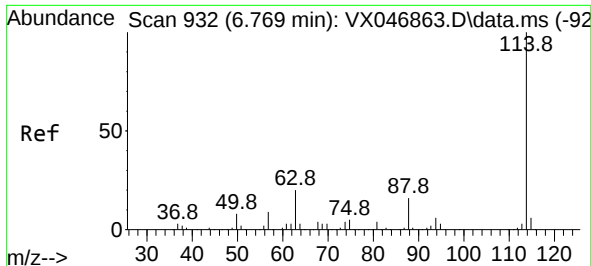
Tgt Ion:168 Resp: 277774
Ion Ratio Lower Upper
168 100
99 61.8 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 52.211 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX047039.D
Acq: 18 Jul 2025 10:58

Tgt Ion: 65 Resp: 191596
Ion Ratio Lower Upper
65 100
67 53.1 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: VX047039.D

Acq: 18 Jul 2025 10:58

Instrument :

MSVOA_X

ClientSampleId :

VX0718MBL01

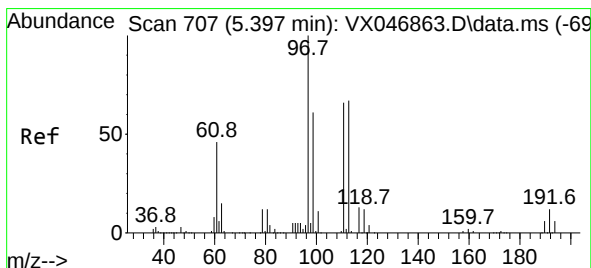
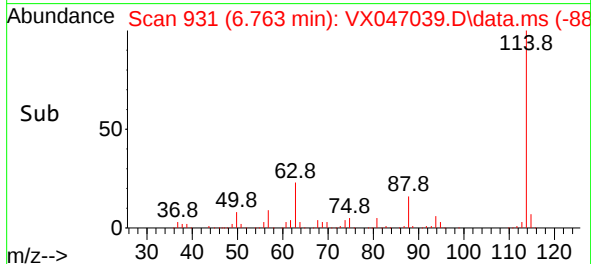
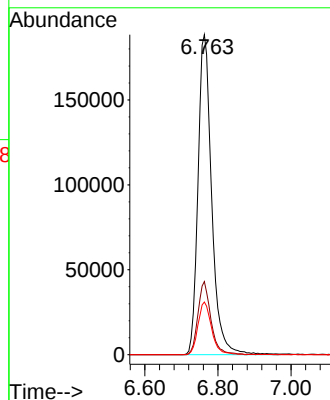
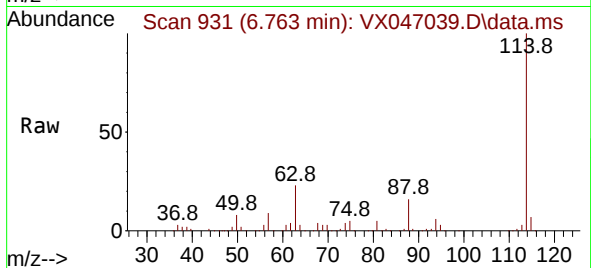
Tgt Ion:114 Resp: 491382

Ion Ratio Lower Upper

114 100

63 22.9 0.0 40.4

88 16.5 0.0 31.0



#35

Dibromofluoromethane

Concen: 47.889 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX047039.D

Acq: 18 Jul 2025 10:58

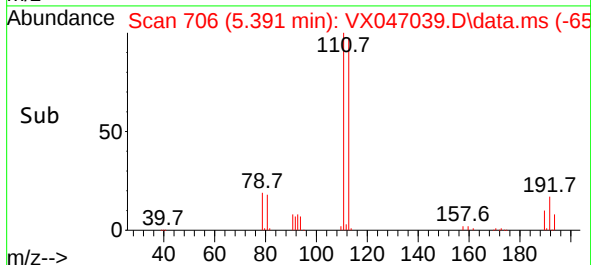
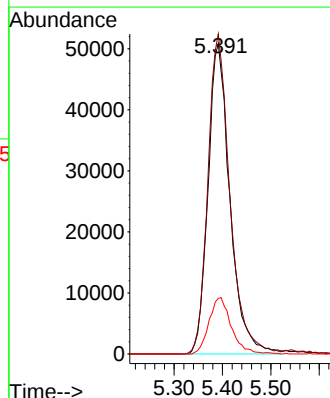
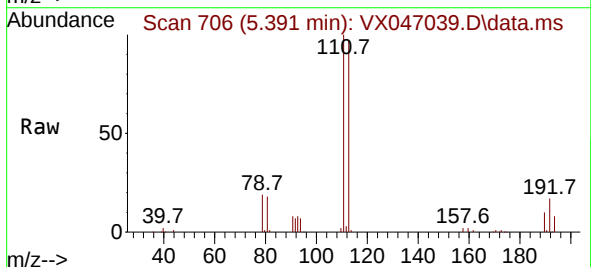
Tgt Ion:113 Resp: 159734

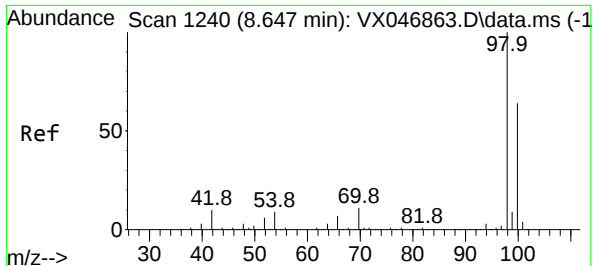
Ion Ratio Lower Upper

113 100

111 103.7 81.2 121.8

192 18.5 15.3 22.9

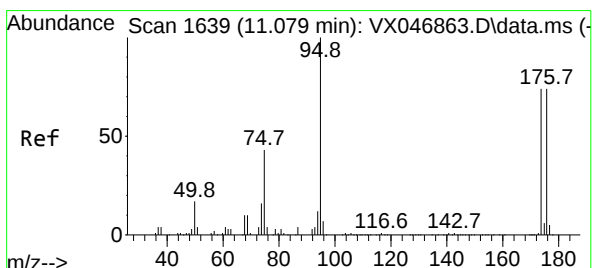
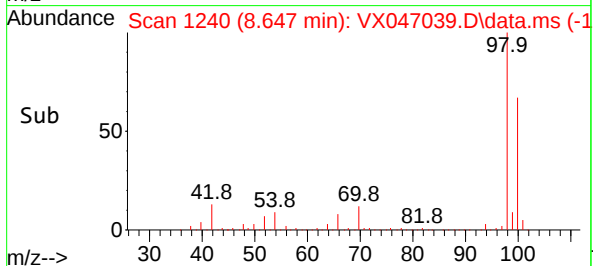
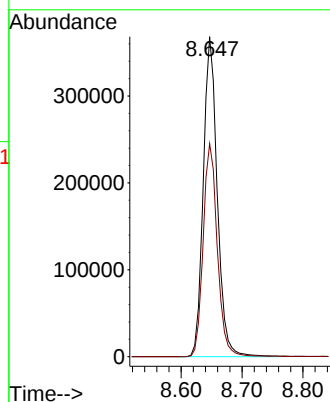
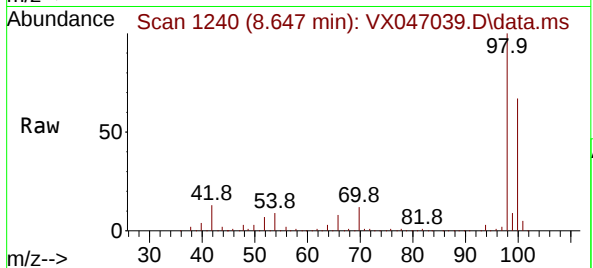




#50
Toluene-d8
Concen: 50.044 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047039.D
Acq: 18 Jul 2025 10:58

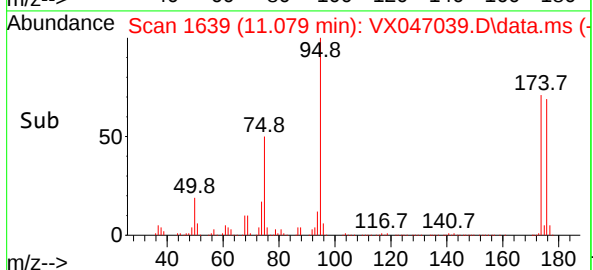
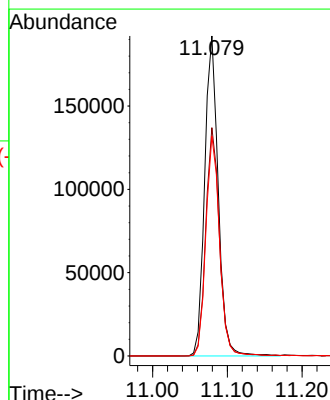
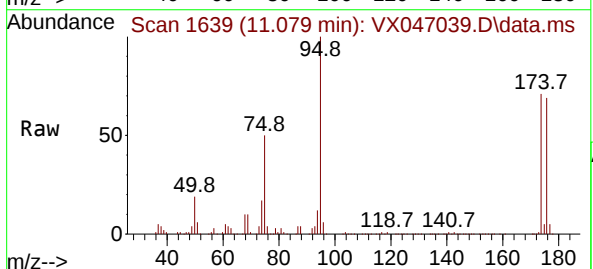
Instrument :
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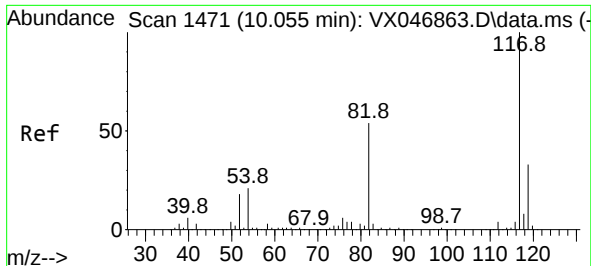
Tgt Ion: 98 Resp: 588943
Ion Ratio Lower Upper
98 100
100 67.3 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 54.048 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047039.D
Acq: 18 Jul 2025 10:58

Tgt Ion: 95 Resp: 241737
Ion Ratio Lower Upper
95 100
174 72.1 0.0 152.0
176 69.4 0.0 145.2

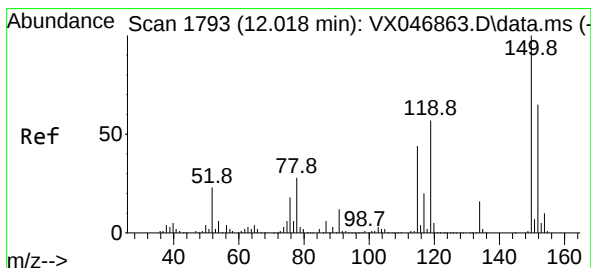
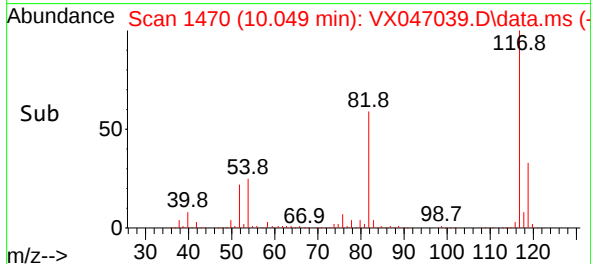
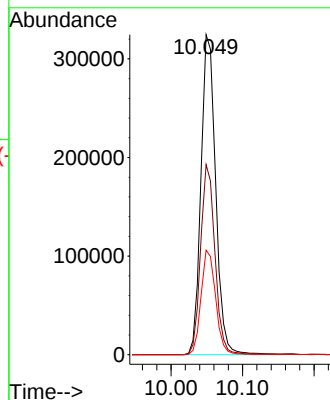
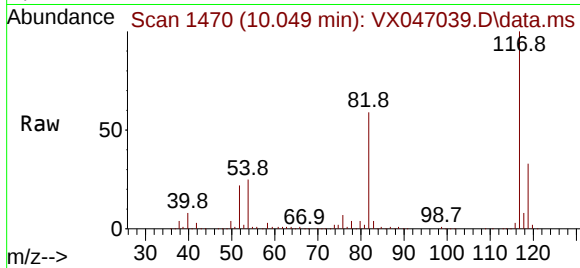




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX047039.D
Acq: 18 Jul 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VX0718MBL01

Tgt Ion:117 Resp: 464233
Ion Ratio Lower Upper
117 100
82 59.4 43.3 64.9
119 32.6 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: VX047039.D
Acq: 18 Jul 2025 10:58

Tgt Ion:152 Resp: 222998
Ion Ratio Lower Upper
152 100
115 62.7 42.4 127.1
150 162.5 0.0 349.2

