

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
 Data File : VX046729.D
 Acq On : 18 Jun 2025 10:22
 Operator : JC/MD
 Sample : VX0618MBL01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0618MBL01

Quant Time: Jun 19 01:19:21 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	5.556	168	143901	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	231227	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	208276	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	104800	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	88297	44.361	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.720%
35) Dibromofluoromethane	5.391	113	71976	47.047	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.100%
50) Toluene-d8	8.647	98	272726	49.618	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.240%
62) 4-Bromofluorobenzene	11.079	95	105096	51.294	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.580%

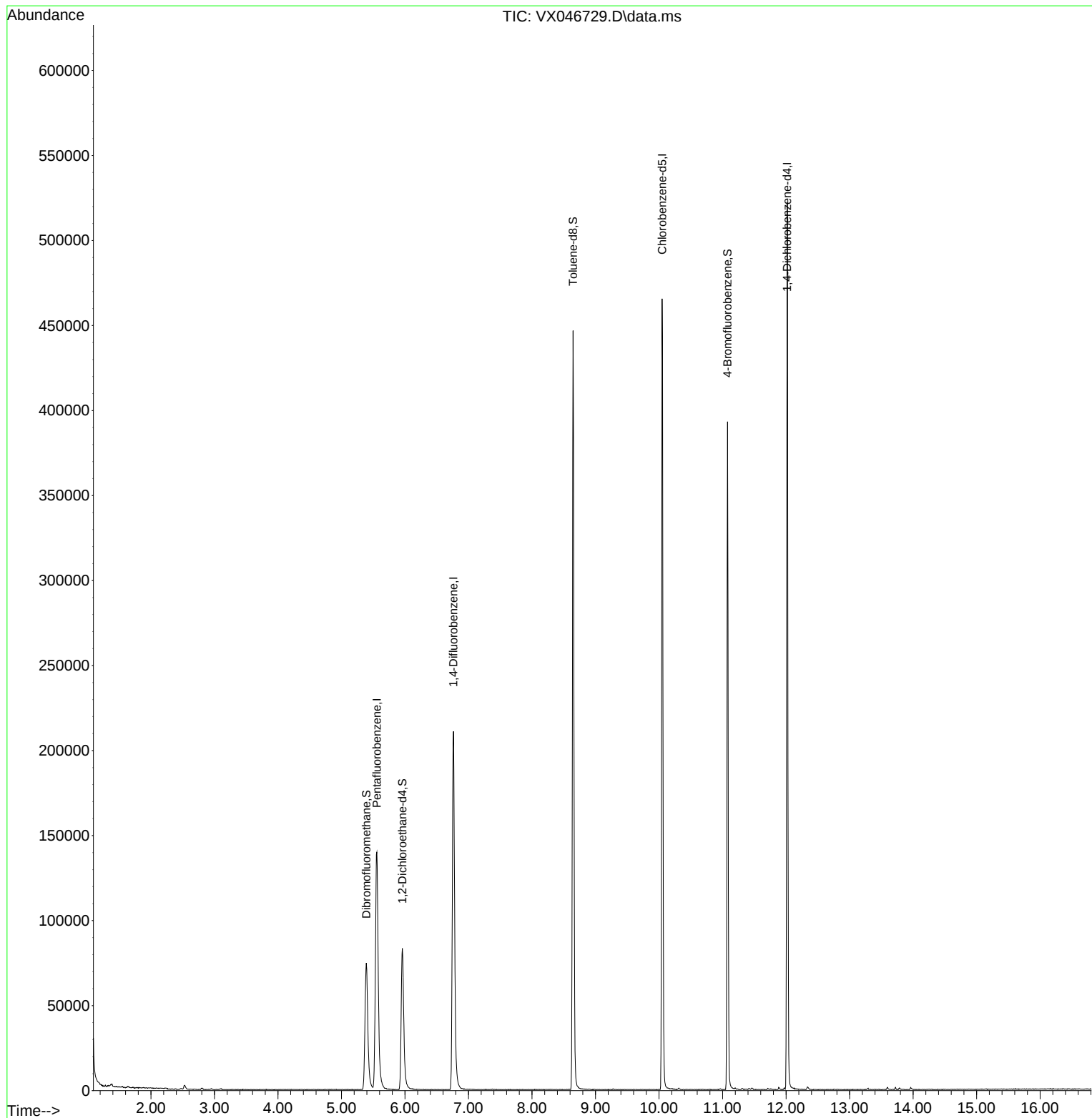
Target Compounds	Qvalue

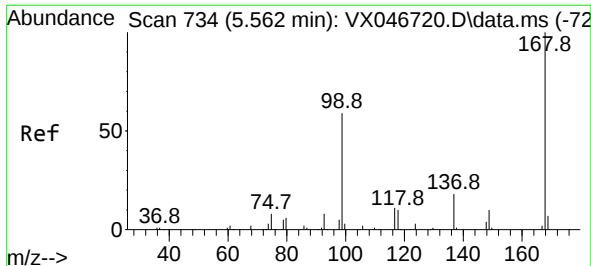
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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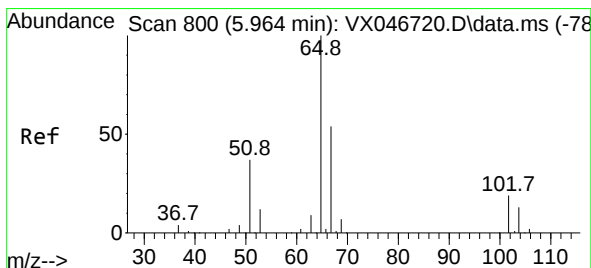
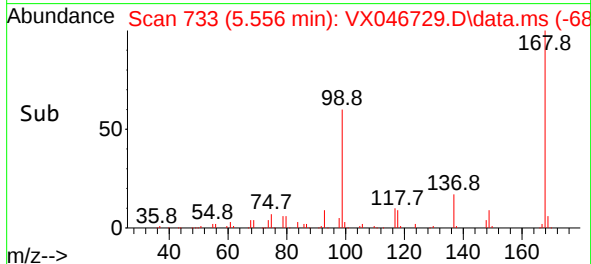
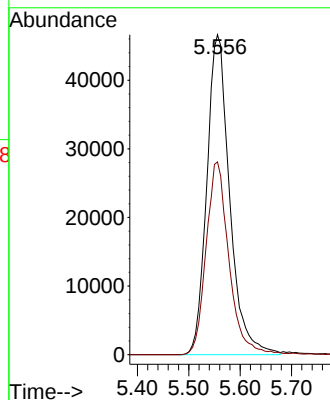
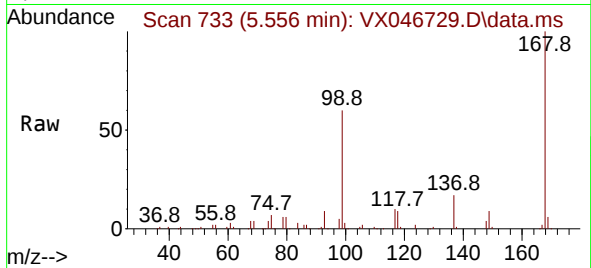




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.006 min
Lab File: VX046729.D
Acq: 18 Jun 2025 10:22

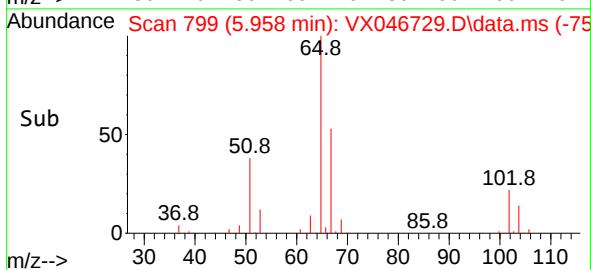
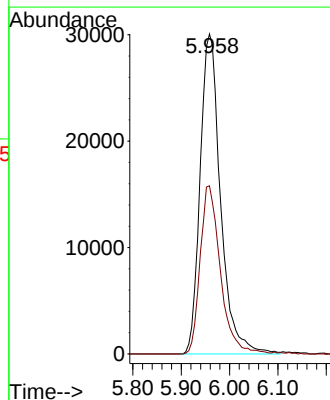
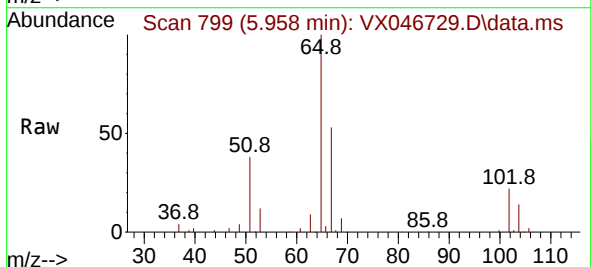
Instrument :
MSVOA_X
ClientSampleId :
VX0618MBL01

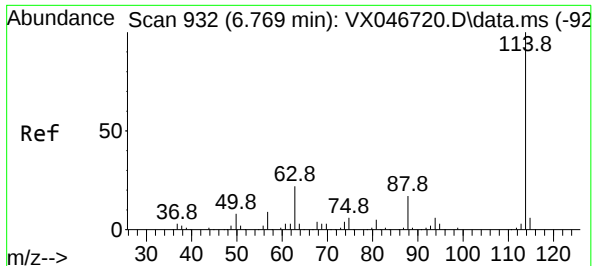
Tgt Ion:168 Resp: 143901
Ion Ratio Lower Upper
168 100
99 60.2 48.5 72.7



#33
1,2-Dichloroethane-d4
Concen: 44.361 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX046729.D
Acq: 18 Jun 2025 10:22

Tgt Ion: 65 Resp: 88297
Ion Ratio Lower Upper
65 100
67 52.0 0.0 105.4

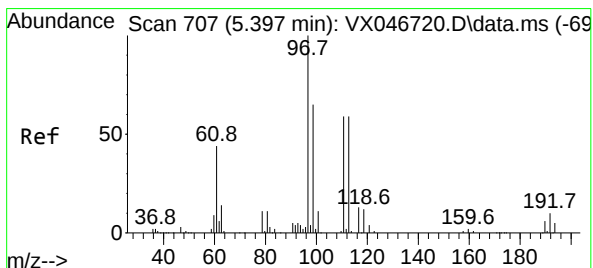
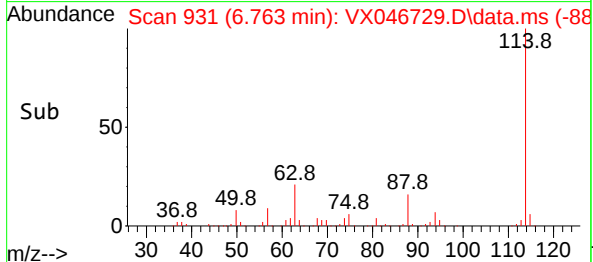
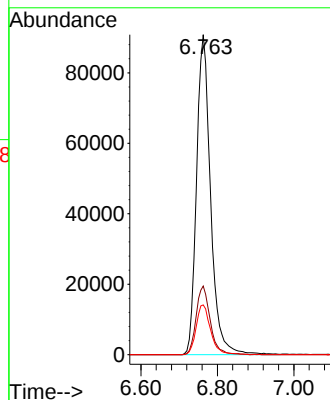
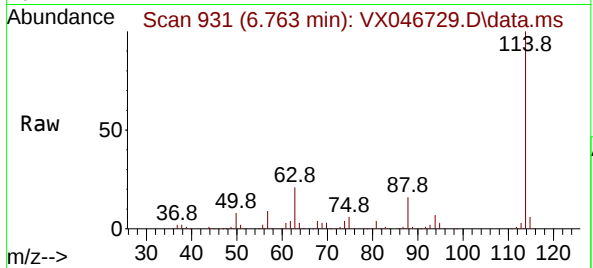




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX046729.D
Acq: 18 Jun 2025 10:22

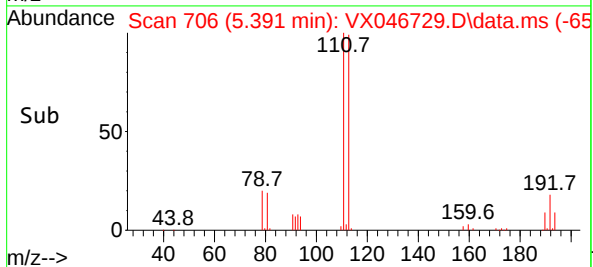
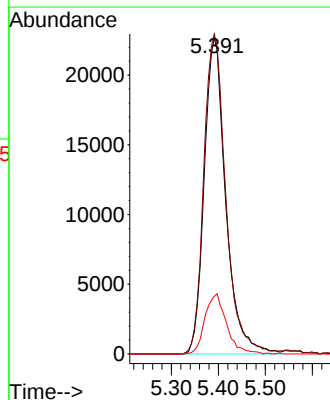
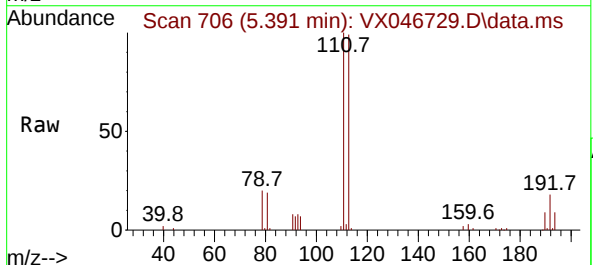
Instrument :
MSVOA_X
ClientSampleId :
VX0618MBL01

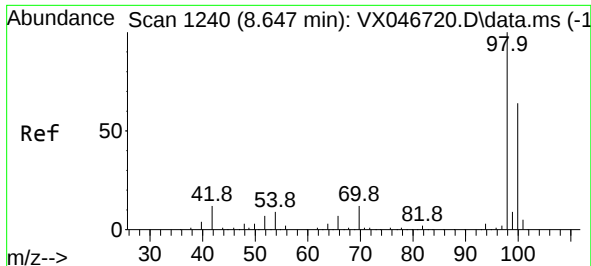
Tgt Ion:114 Resp: 231227
Ion Ratio Lower Upper
114 100
63 21.5 0.0 44.2
88 15.6 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.047 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX046729.D
Acq: 18 Jun 2025 10:22

Tgt Ion:113 Resp: 71976
Ion Ratio Lower Upper
113 100
111 103.9 82.0 123.0
192 19.1 15.3 22.9

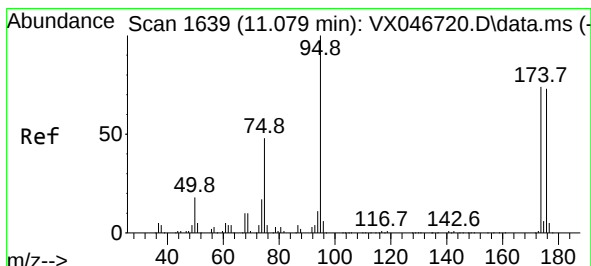
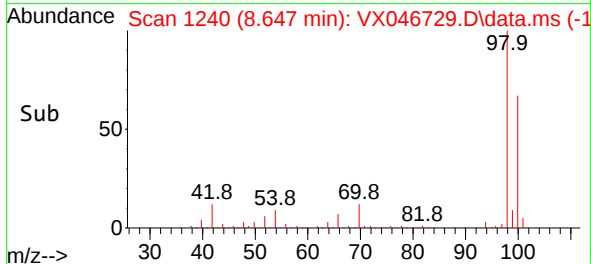
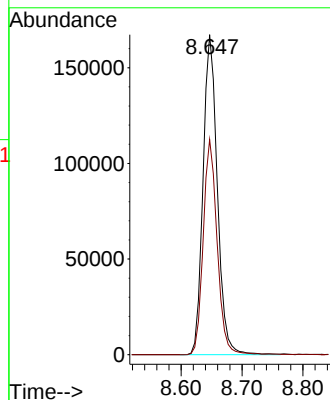
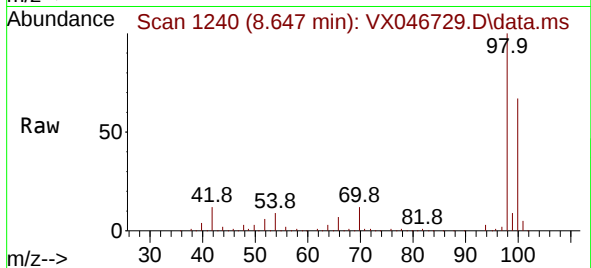




#50
Toluene-d8
Concen: 49.618 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046729.D
Acq: 18 Jun 2025 10:22

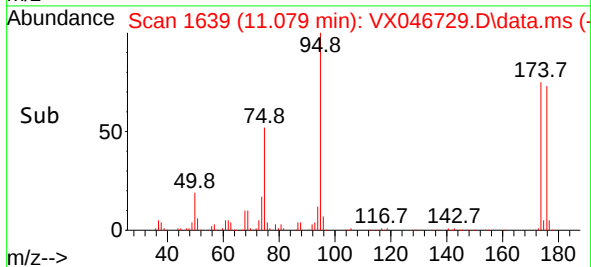
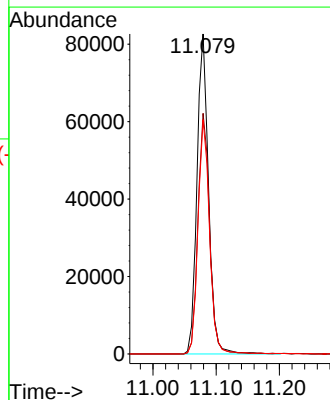
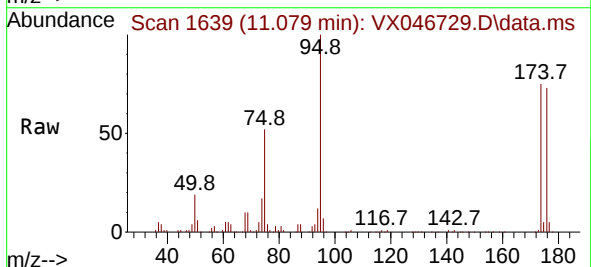
Instrument :
MSVOA_X
ClientSampleId :
VX0618MBL01

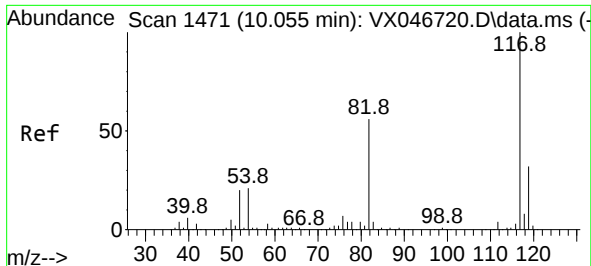
Tgt Ion: 98 Resp: 272726
Ion Ratio Lower Upper
98 100
100 65.7 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 51.294 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046729.D
Acq: 18 Jun 2025 10:22

Tgt Ion: 95 Resp: 105096
Ion Ratio Lower Upper
95 100
174 75.8 0.0 150.4
176 73.0 0.0 145.0

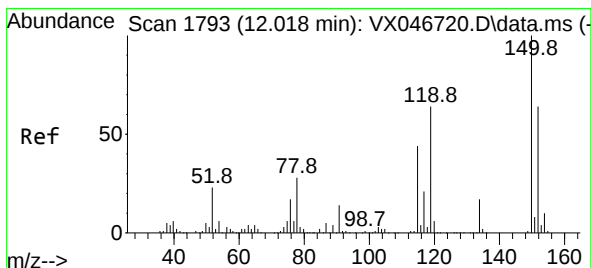
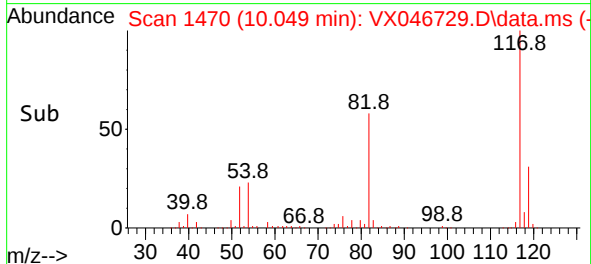
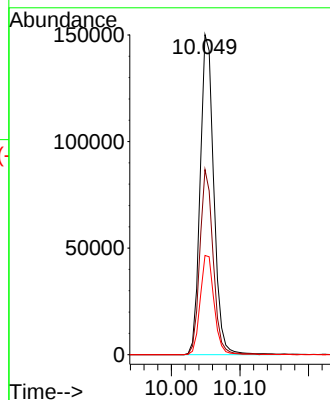
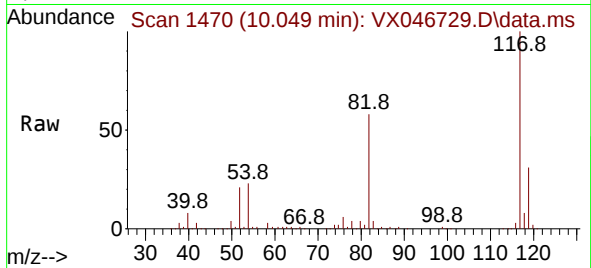




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX046729.D
Acq: 18 Jun 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VX0618MBL01

Tgt Ion:117 Resp: 208276
Ion Ratio Lower Upper
117 100
82 57.9 44.6 66.8
119 31.0 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: VX046729.D
Acq: 18 Jun 2025 10:22

Tgt Ion:152 Resp: 104800
Ion Ratio Lower Upper
152 100
115 60.4 43.2 129.6
150 157.6 0.0 346.8

