

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092225\
 Data File : VX047690.D
 Acq On : 22 Sep 2025 10:07
 Operator : JC/MD
 Sample : VX0922MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0922MBL01

Quant Time: Sep 23 01:28:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.531	168	154872	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.738	114	315318	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	307830	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	154629	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	119548	48.495	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.980%
35) Dibromofluoromethane	5.367	113	100406	47.480	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.960%
50) Toluene-d8	8.628	98	356478	48.717	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.440%
62) 4-Bromofluorobenzene	11.061	95	149177	53.718	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.440%

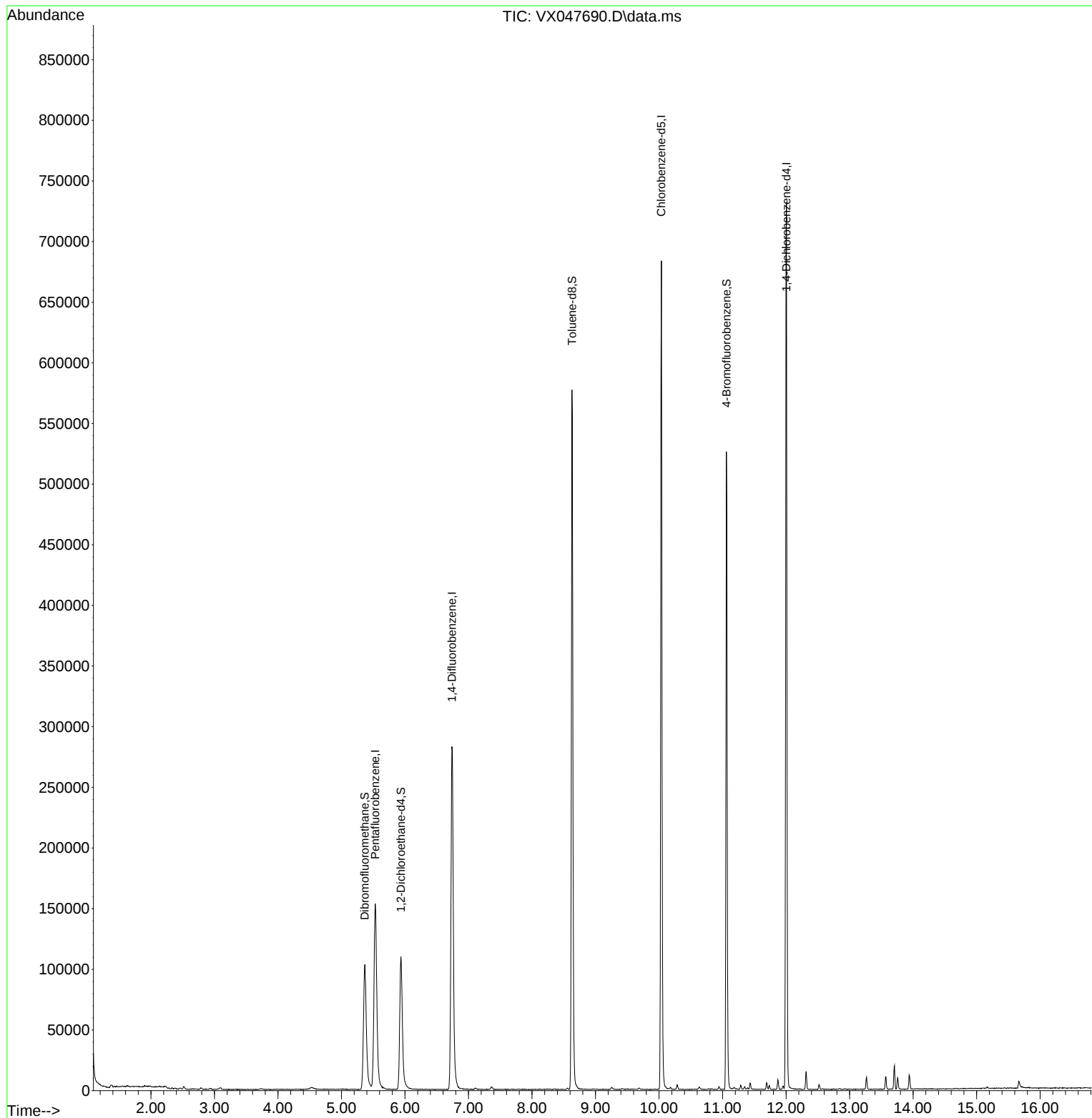
Target Compounds	Qvalue

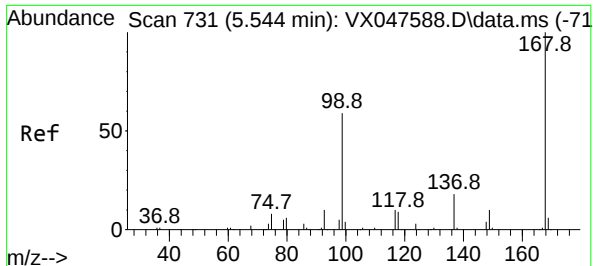
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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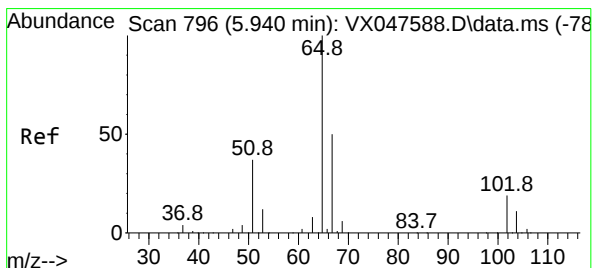
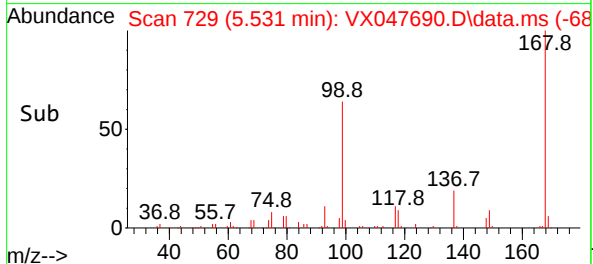
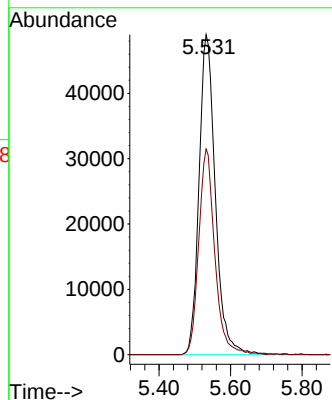
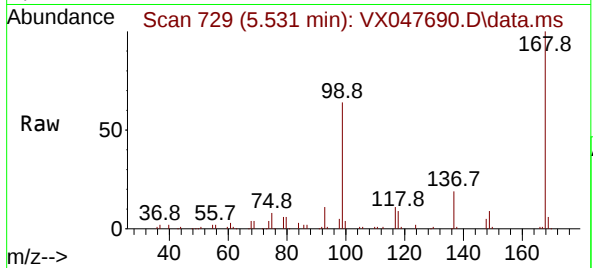




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 71
Delta R.T. -0.013 min
Lab File: VX047690.D
Acq: 22 Sep 2025 10:07

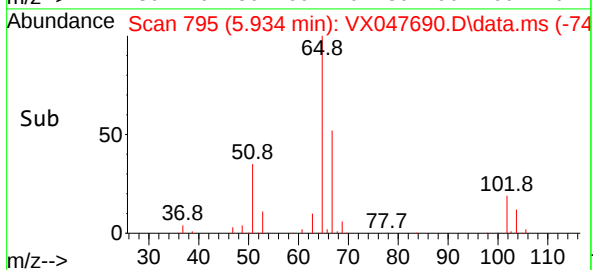
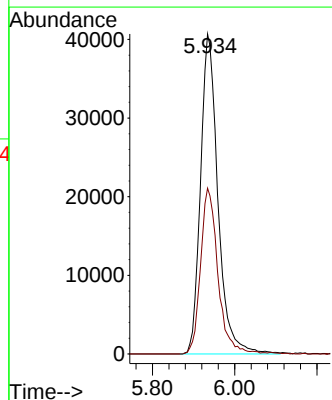
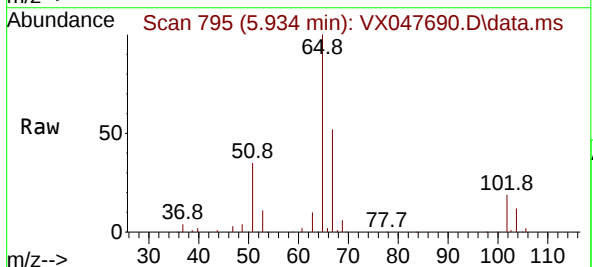
Instrument :
MSVOA_X
ClientSampleId :
VX0922MBL01

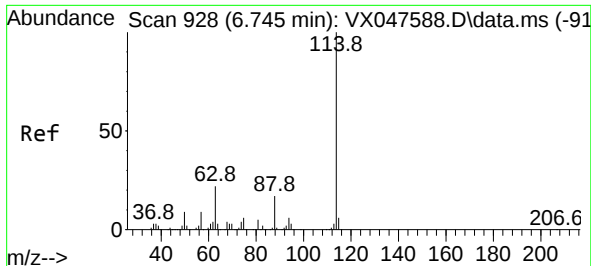
Tgt Ion:168 Resp: 154872
Ion Ratio Lower Upper
168 100
99 64.3 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 48.495 ug/l
RT: 5.934 min Scan# 795
Delta R.T. -0.006 min
Lab File: VX047690.D
Acq: 22 Sep 2025 10:07

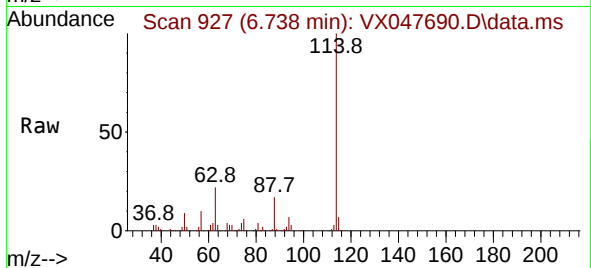
Tgt Ion: 65 Resp: 119548
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.0



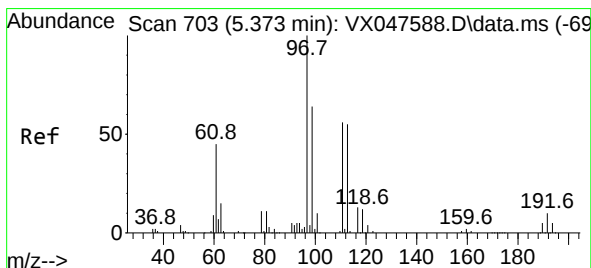
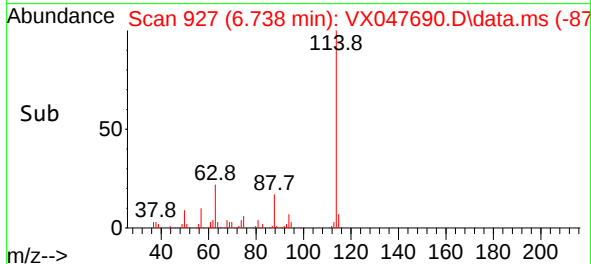
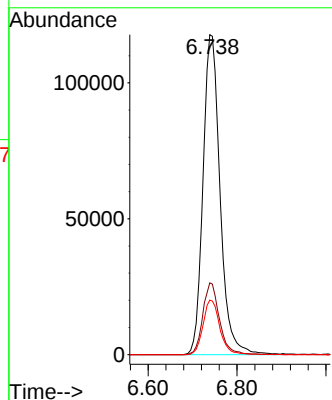


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.738 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX047690.D
Acq: 22 Sep 2025 10:07

Instrument :
MSVOA_X
ClientSampleId :
VX0922MBL01

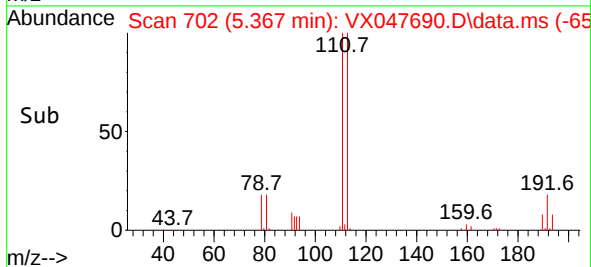
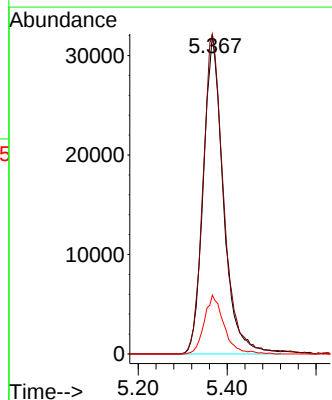
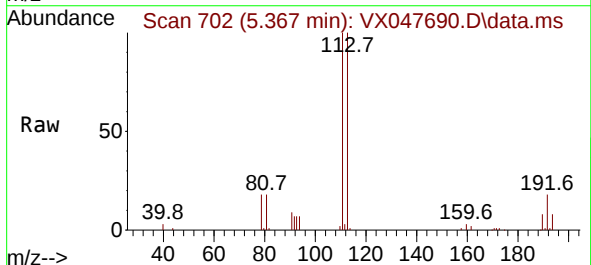


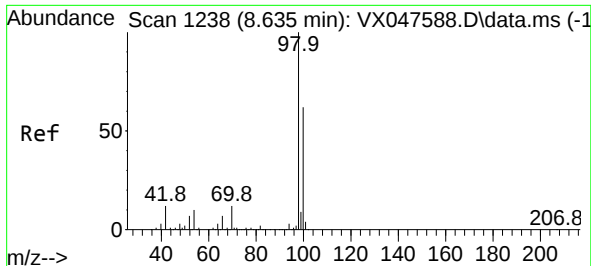
Tgt Ion:114 Resp: 315318
Ion Ratio Lower Upper
114 100
63 22.5 0.0 44.0
88 17.0 0.0 34.2



#35
Dibromofluoromethane
Concen: 47.480 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX047690.D
Acq: 22 Sep 2025 10:07

Tgt Ion:113 Resp: 100406
Ion Ratio Lower Upper
113 100
111 104.0 80.9 121.3
192 18.2 14.2 21.4

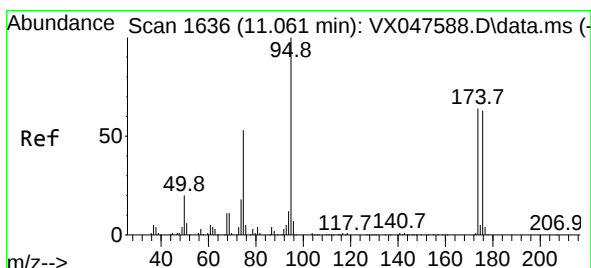
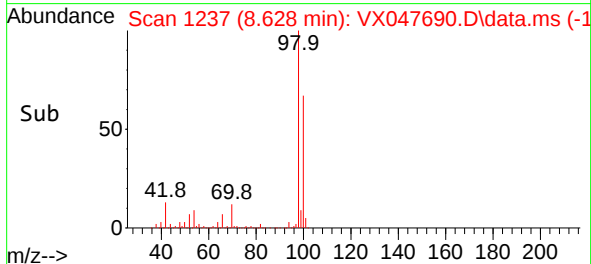
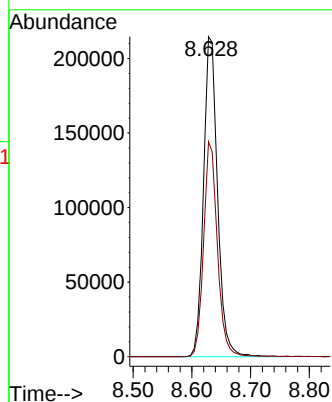
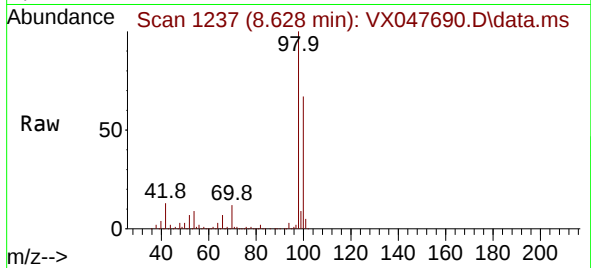




#50
Toluene-d8
Concen: 48.717 ug/l
RT: 8.628 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047690.D
Acq: 22 Sep 2025 10:07

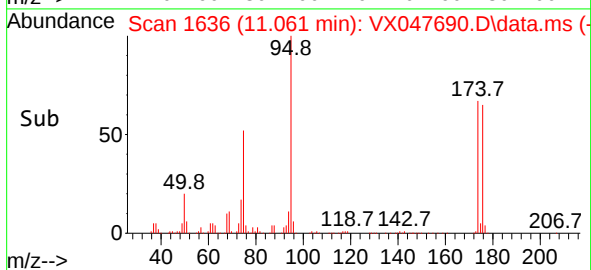
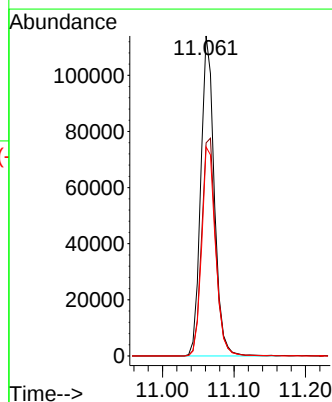
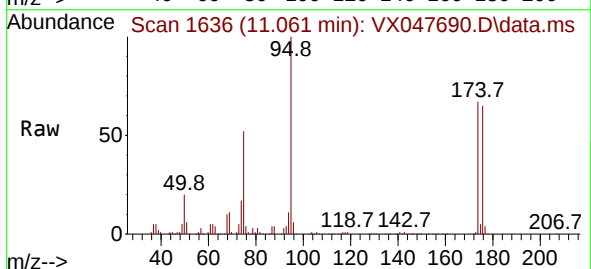
Instrument :
MSVOA_X
ClientSampleId :
VX0922MBL01

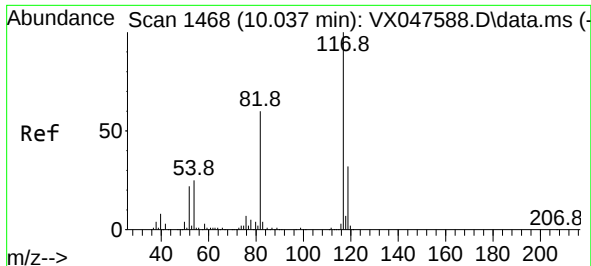
Tgt Ion: 98 Resp: 356478
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 53.718 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047690.D
Acq: 22 Sep 2025 10:07

Tgt Ion: 95 Resp: 149177
Ion Ratio Lower Upper
95 100
174 70.9 0.0 141.6
176 67.3 0.0 138.4

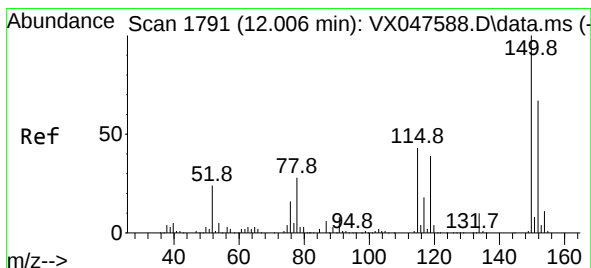
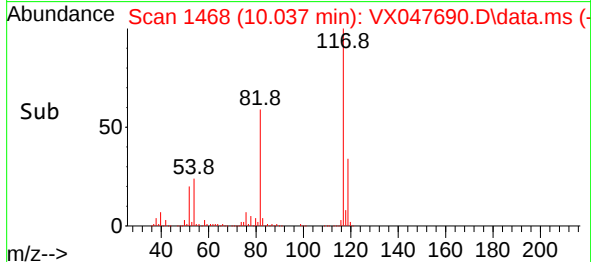
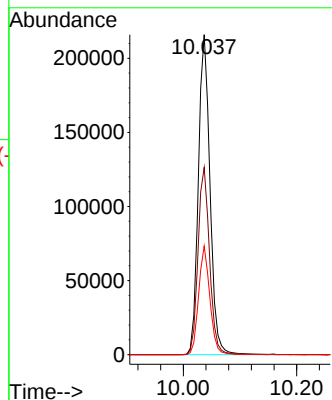
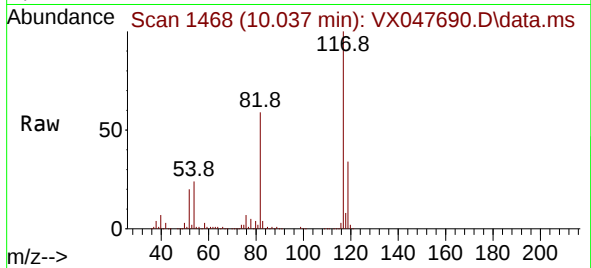




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047690.D
Acq: 22 Sep 2025 10:07

Instrument :
MSVOA_X
ClientSampleId :
VX0922MBL01

Tgt Ion:117 Resp: 307830
Ion Ratio Lower Upper
117 100
82 58.5 47.8 71.6
119 33.9 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047690.D
Acq: 22 Sep 2025 10:07

Tgt Ion:152 Resp: 154629
Ion Ratio Lower Upper
152 100
115 62.0 44.9 134.5
150 157.6 0.0 352.0

