

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111725\
 Data File : VX048618.D
 Acq On : 17 Nov 2025 13:32
 Operator : JC/MD
 Sample : Q3638-01
 Misc : 3.44g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MOO-25-0327

Quant Time: Nov 17 13:50:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 08 05:08:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.531	168	131451	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	328491	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	296346	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	165000	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	119556	65.272	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	130.540%#
35) Dibromofluoromethane	5.367	113	95512	38.416	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	76.840%
50) Toluene-d8	8.635	98	345155	44.512	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	89.020%#
62) 4-Bromofluorobenzene	11.067	95	173870	60.169	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	120.340%

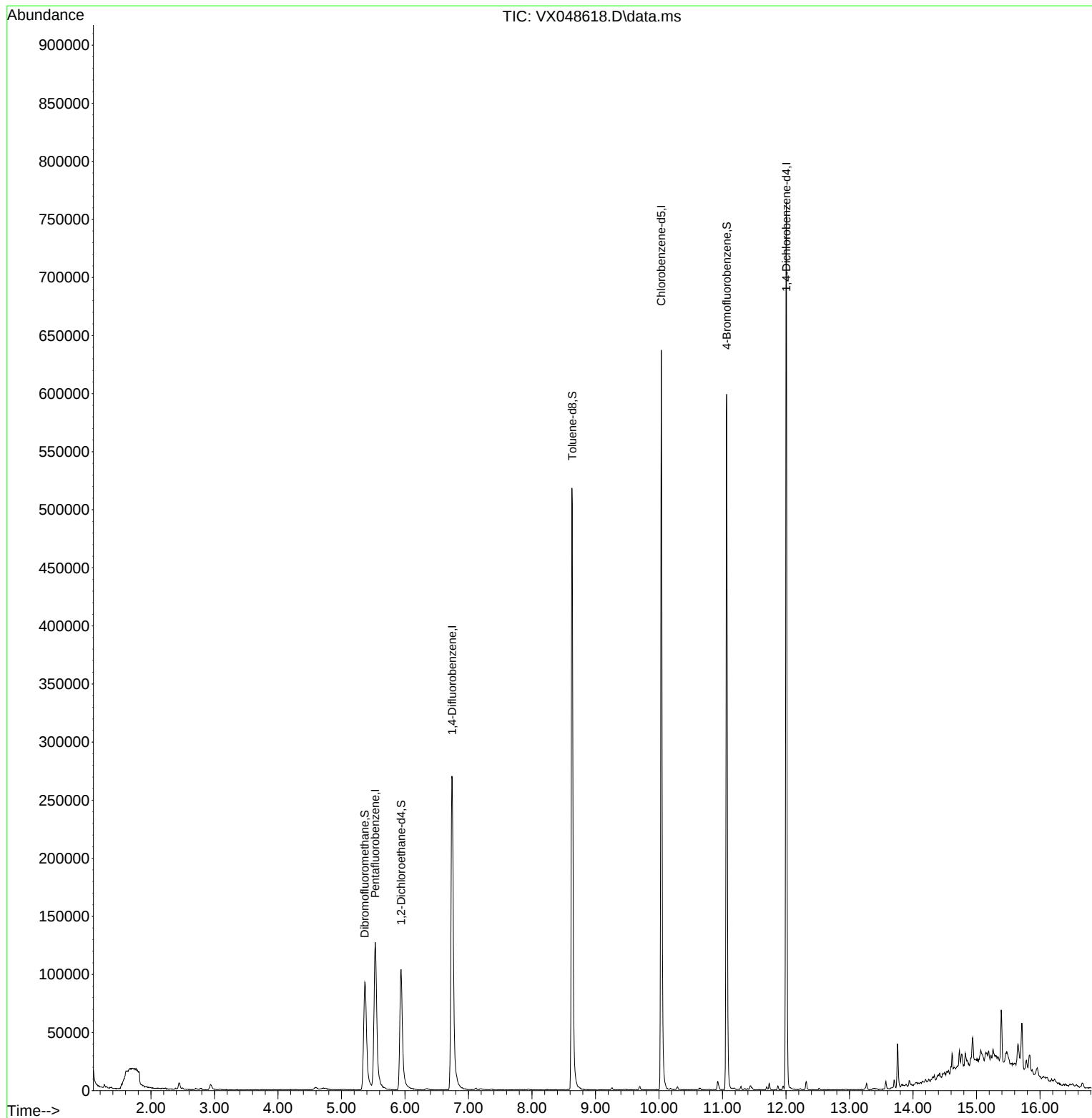
Target Compounds	Qvalue

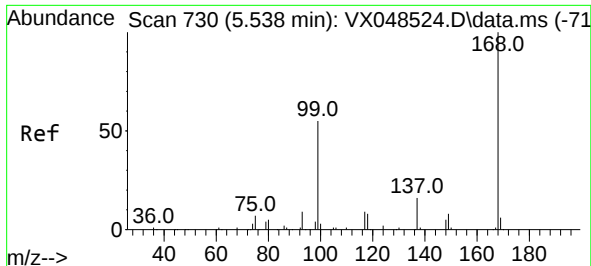
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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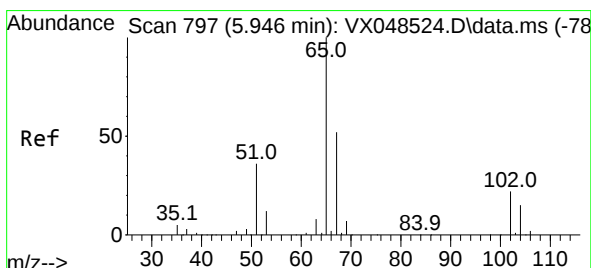
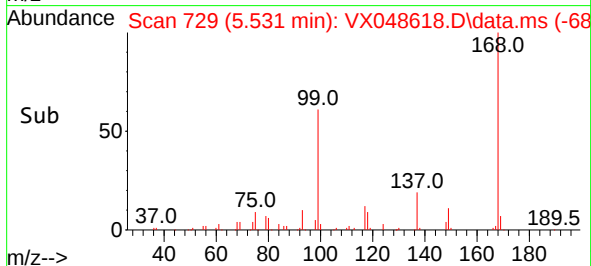
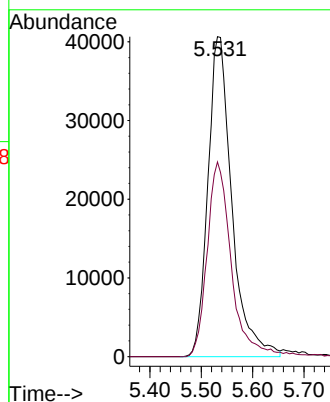
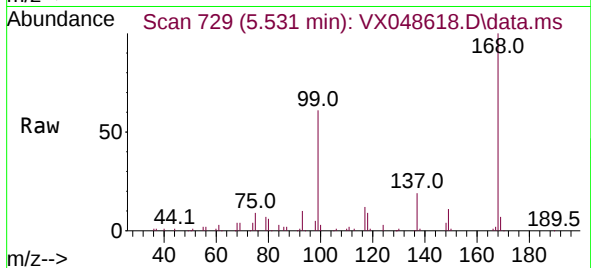




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX048618.D
Acq: 17 Nov 2025 13:32

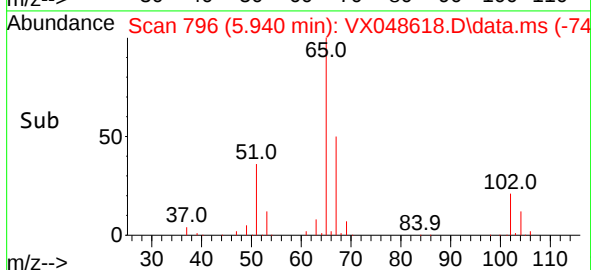
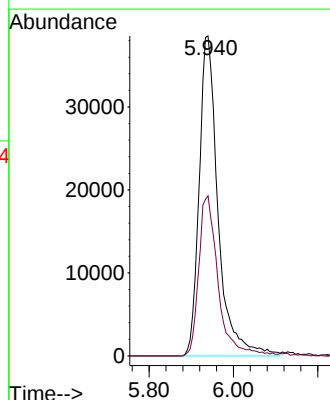
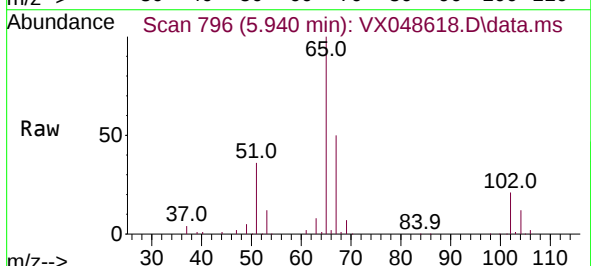
Instrument :
MSVOA_X
ClientSampleId :
MOO-25-0327

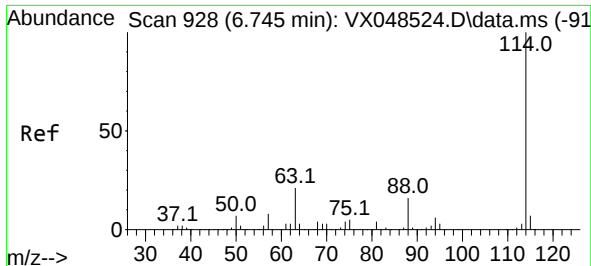
Tgt Ion:168 Resp: 131451
Ion Ratio Lower Upper
168 100
99 60.8 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 65.272 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.006 min
Lab File: VX048618.D
Acq: 17 Nov 2025 13:32

Tgt Ion: 65 Resp: 119556
Ion Ratio Lower Upper
65 100
67 51.2 0.0 106.2

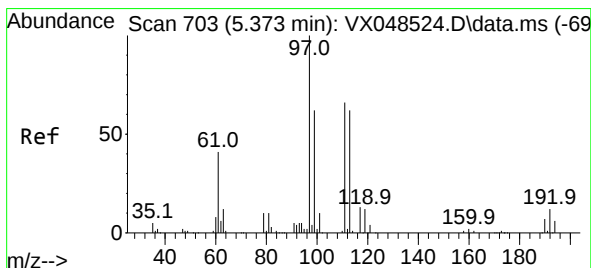
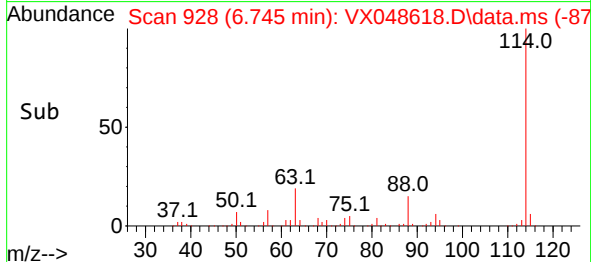
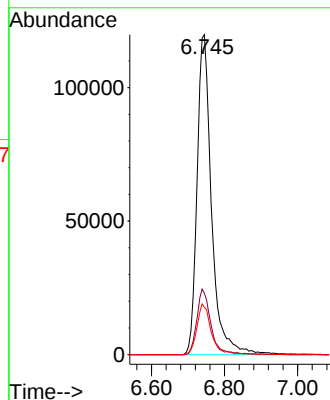
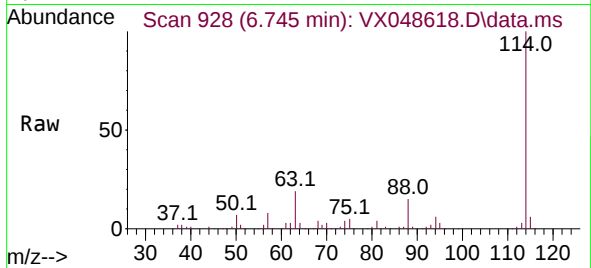




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048618.D
Acq: 17 Nov 2025 13:32

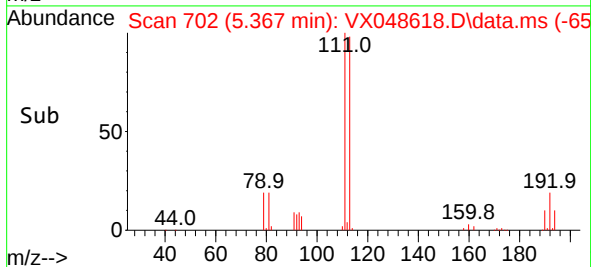
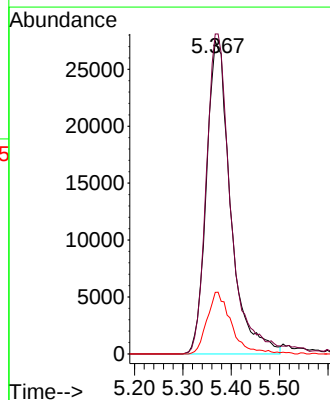
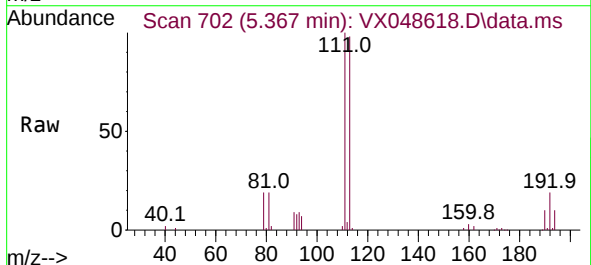
Instrument :
MSVOA_X
ClientSampleId :
MOO-25-0327

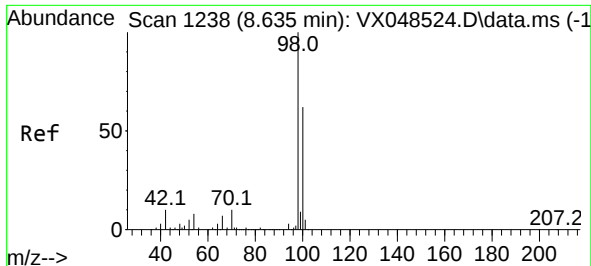
Tgt Ion:114 Resp: 328491
Ion Ratio Lower Upper
114 100
63 19.2 0.0 41.2
88 14.8 0.0 32.2



#35
Dibromofluoromethane
Concen: 38.416 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048618.D
Acq: 17 Nov 2025 13:32

Tgt Ion:113 Resp: 95512
Ion Ratio Lower Upper
113 100
111 104.6 81.9 122.9
192 19.9 15.8 23.6

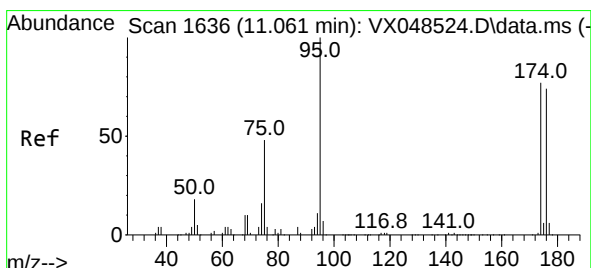
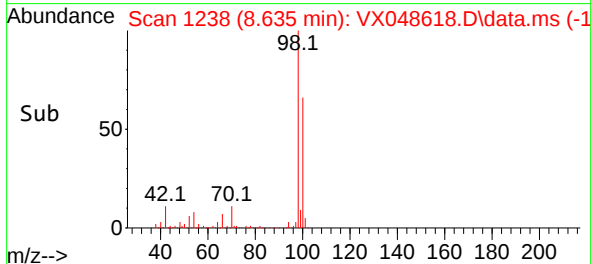
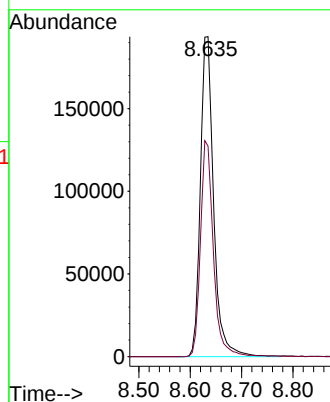
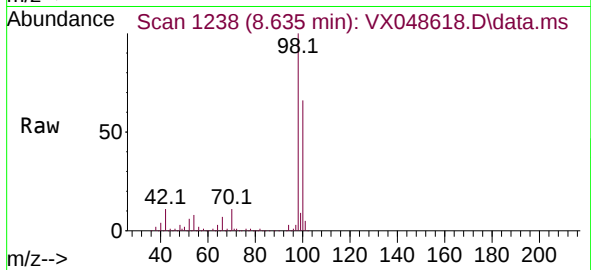




#50
Toluene-d8
Concen: 44.512 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048618.D
Acq: 17 Nov 2025 13:32

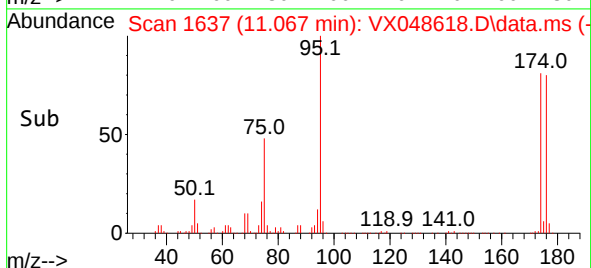
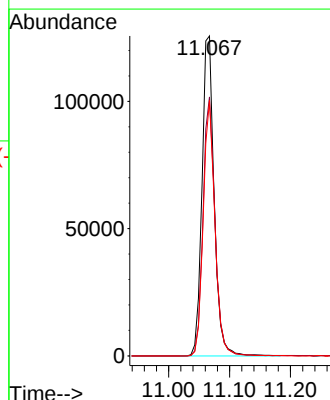
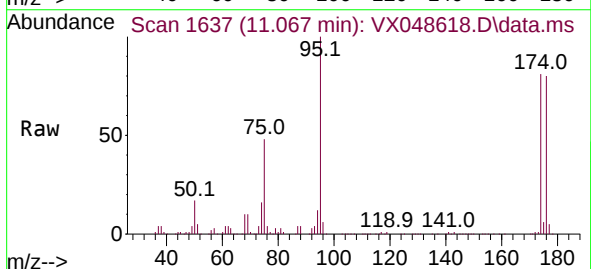
Instrument :
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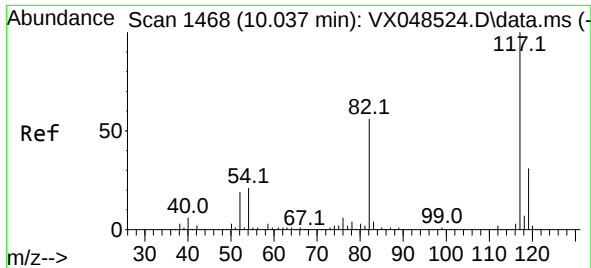
Tgt Ion: 98 Resp: 345155
Ion Ratio Lower Upper
98 100
100 66.0 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 60.169 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048618.D
Acq: 17 Nov 2025 13:32

Tgt Ion: 95 Resp: 173870
Ion Ratio Lower Upper
95 100
174 79.7 0.0 161.8
176 76.9 0.0 153.6

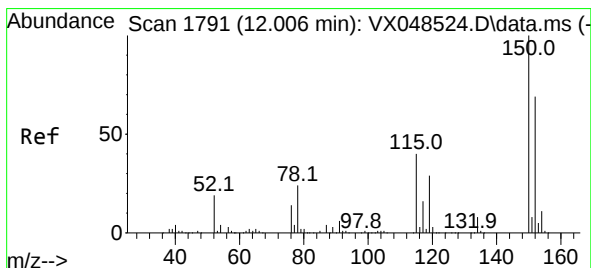
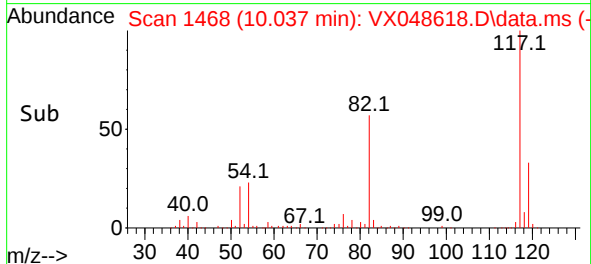
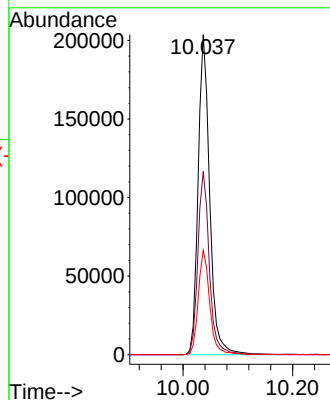
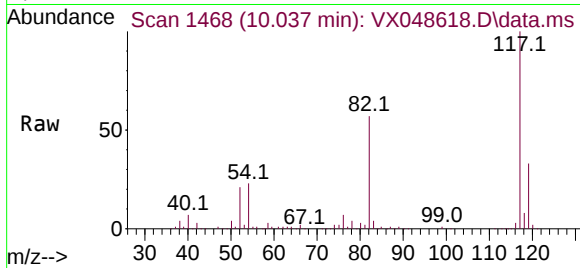




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048618.D
Acq: 17 Nov 2025 13:32

Instrument :
MSVOA_X
ClientSampleId :
MOO-25-0327

Tgt Ion:117 Resp: 296346
Ion Ratio Lower Upper
117 100
82 57.2 44.4 66.6
119 32.6 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048618.D
Acq: 17 Nov 2025 13:32

Tgt Ion:152 Resp: 165000
Ion Ratio Lower Upper
152 100
115 59.1 39.2 117.6
150 154.5 0.0 347.0

