

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111725\
 Data File : VX048619.D
 Acq On : 17 Nov 2025 13:52
 Operator : JC/MD
 Sample : Q3638-03
 Misc : 3.13g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MOO-25-0328

Quant Time: Nov 17 14:29:12 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)

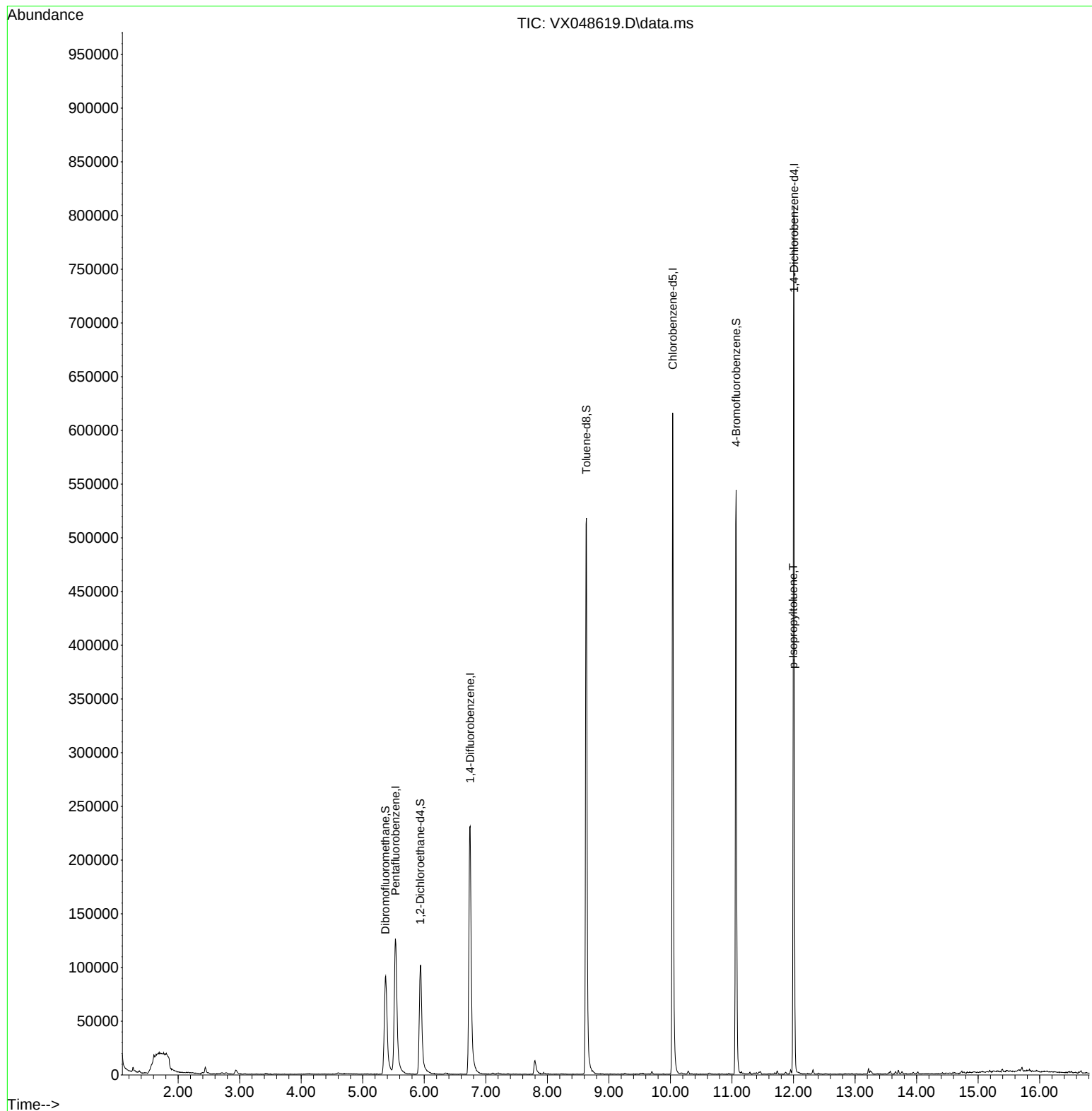
Internal Standards						
1) Pentafluorobenzene	5.531	168	134861	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	269614	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	290195	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	164165	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	118269	62.936	ug/l	-0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	125.880%#
35) Dibromofluoromethane	5.367	113	94415	46.268	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.540%
50) Toluene-d8	8.635	98	341100	53.596	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	107.200%
62) 4-Bromofluorobenzene	11.067	95	153372	64.666	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	129.340%#
Target Compounds						
86) p-Isopropyltoluene	11.994	119	9774	0.936	ug/l	Qvalue 91

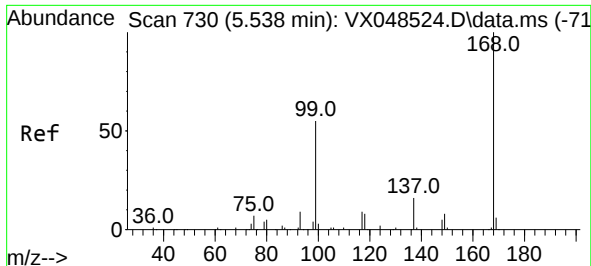
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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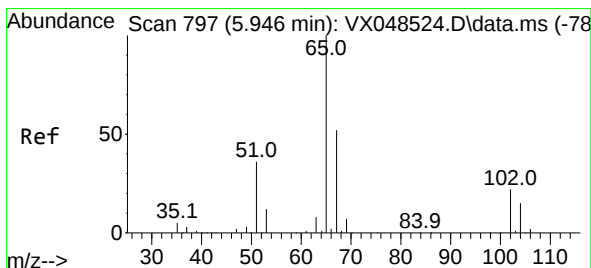
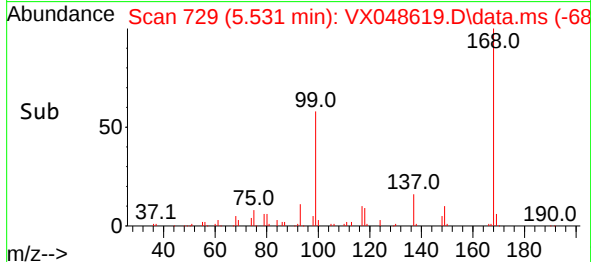
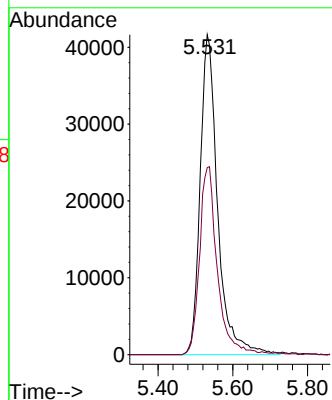
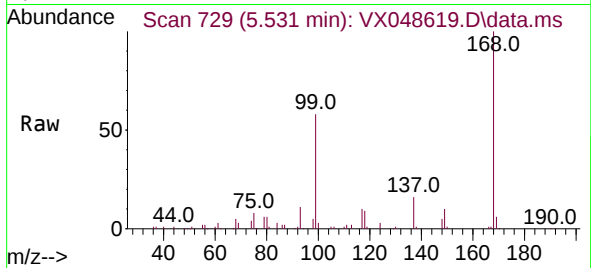




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX048619.D
Acq: 17 Nov 2025 13:52

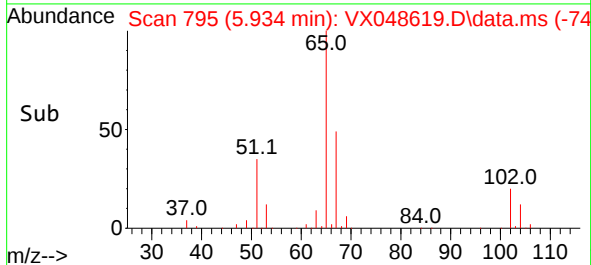
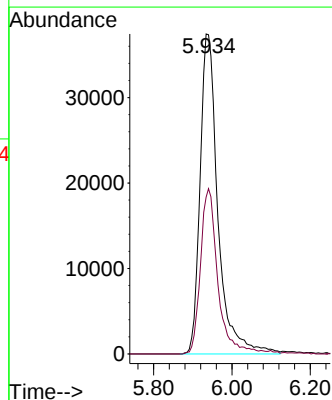
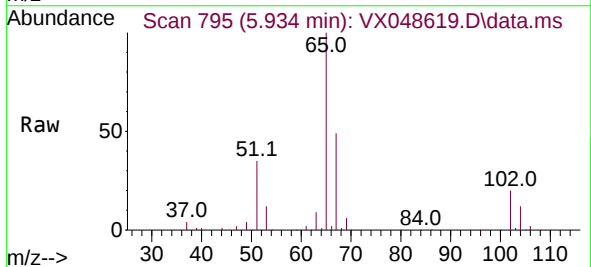
Instrument :
MSVOA_X
ClientSampleId :
MOO-25-0328

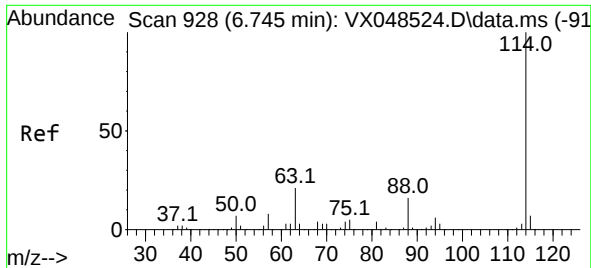
Tgt Ion:168 Resp: 134861
Ion Ratio Lower Upper
168 100
99 58.4 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 62.936 ug/l
RT: 5.934 min Scan# 795
Delta R.T. -0.012 min
Lab File: VX048619.D
Acq: 17 Nov 2025 13:52

Tgt Ion: 65 Resp: 118269
Ion Ratio Lower Upper
65 100
67 50.1 0.0 106.2

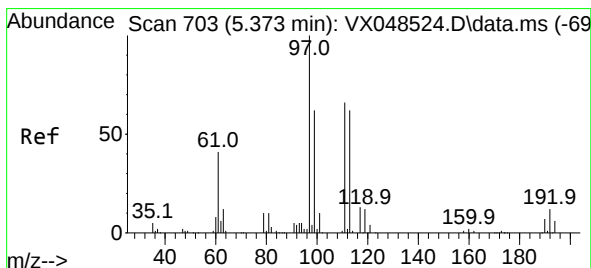
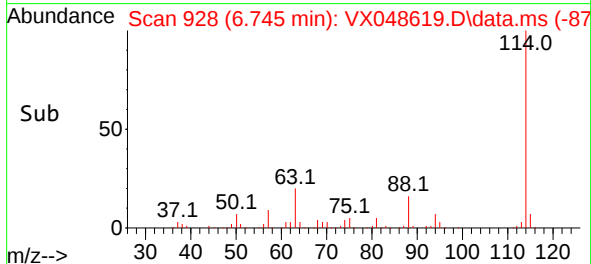
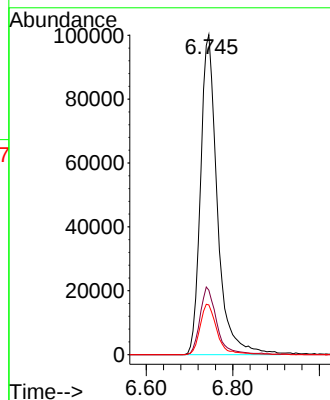
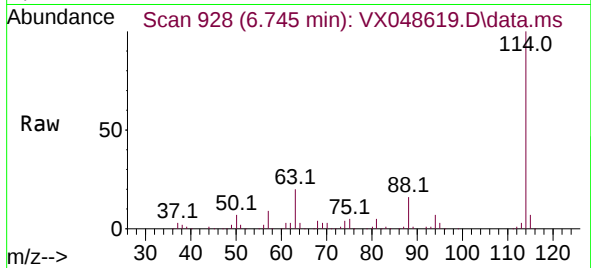




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048619.D
Acq: 17 Nov 2025 13:52

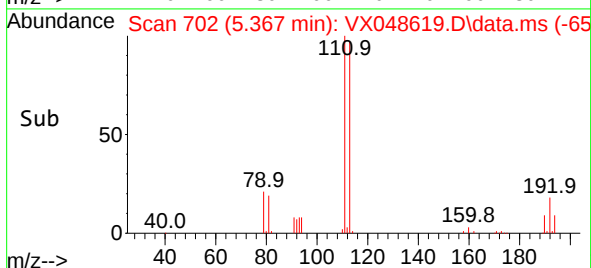
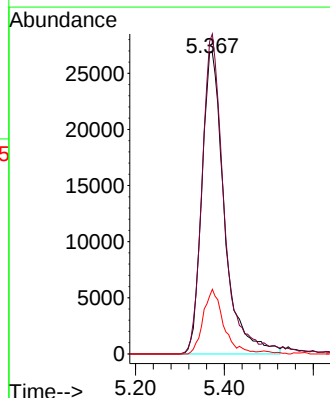
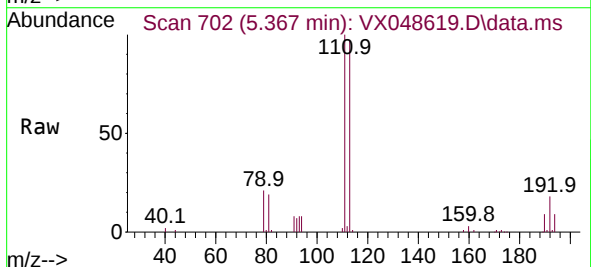
Instrument :
MSVOA_X
ClientSampleId :
MOO-25-0328

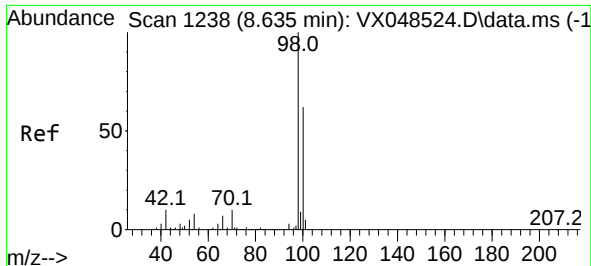
Tgt Ion:114 Resp: 269614
Ion Ratio Lower Upper
114 100
63 20.1 0.0 41.2
88 15.5 0.0 32.2



#35
Dibromofluoromethane
Concen: 46.268 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048619.D
Acq: 17 Nov 2025 13:52

Tgt Ion:113 Resp: 94415
Ion Ratio Lower Upper
113 100
111 104.7 81.9 122.9
192 19.2 15.8 23.6

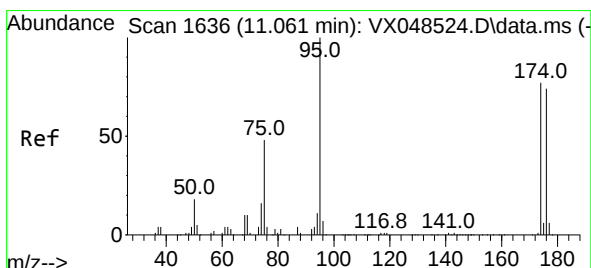
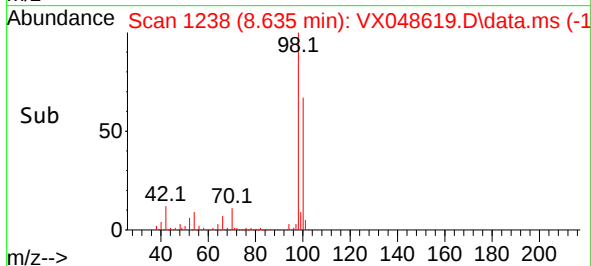
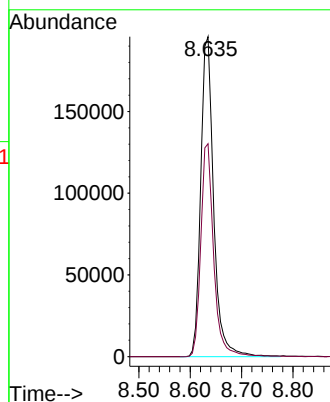
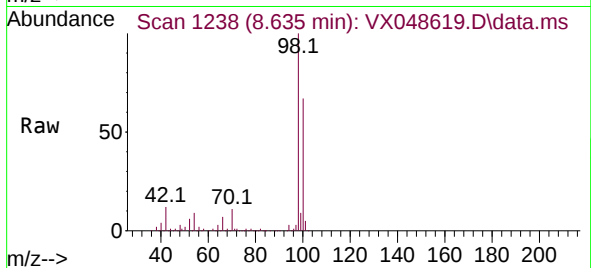




#50
Toluene-d8
Concen: 53.596 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048619.D
Acq: 17 Nov 2025 13:52

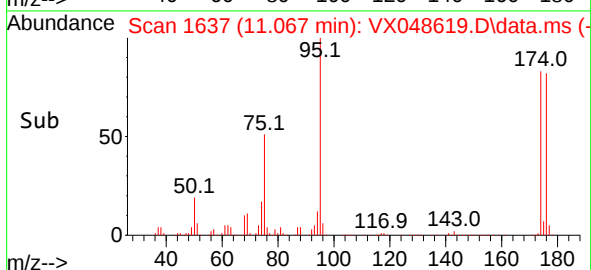
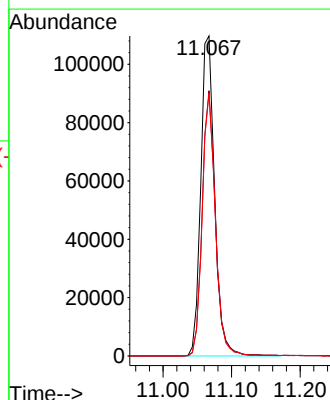
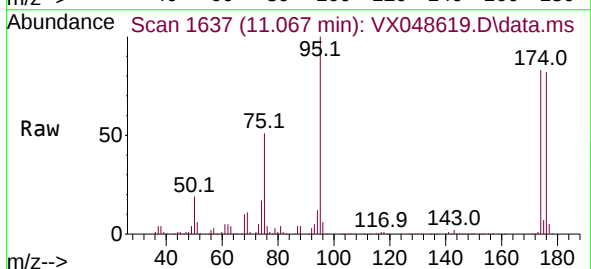
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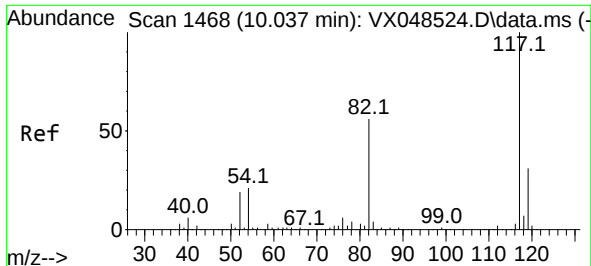
Tgt Ion: 98 Resp: 341100
Ion Ratio Lower Upper
98 100
100 66.3 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 64.666 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048619.D
Acq: 17 Nov 2025 13:52

Tgt Ion: 95 Resp: 153372
Ion Ratio Lower Upper
95 100
174 79.2 0.0 161.8
176 78.2 0.0 153.6

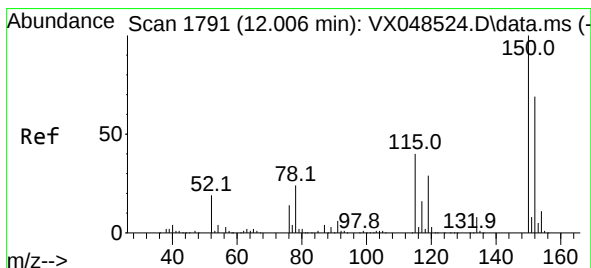
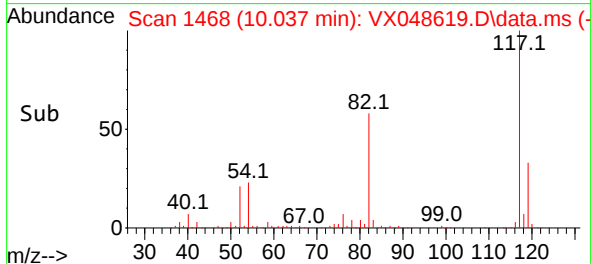
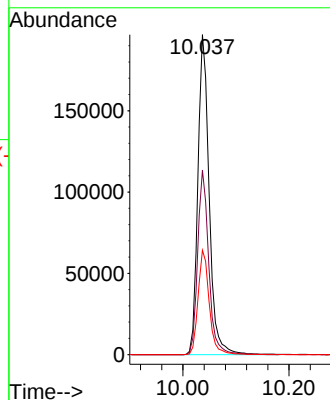
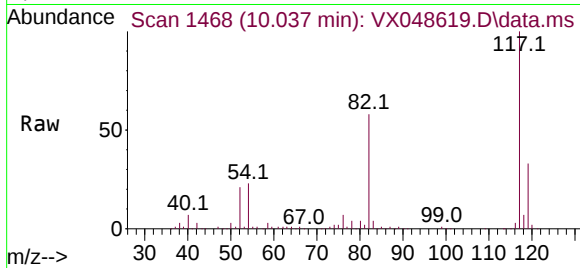




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048619.D
Acq: 17 Nov 2025 13:52

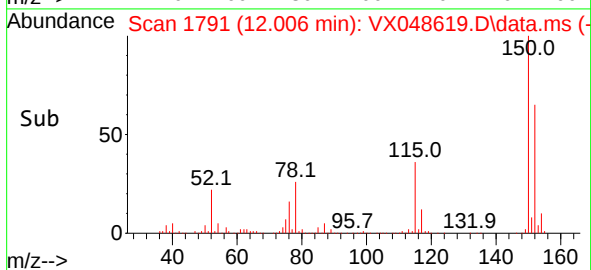
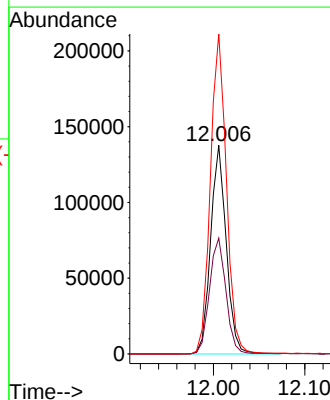
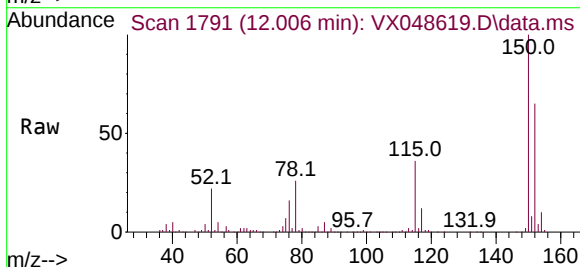
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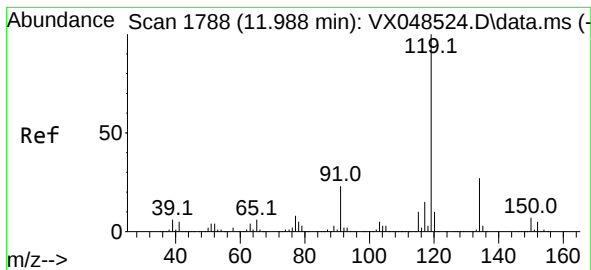
Tgt Ion:117 Resp: 290195
Ion Ratio Lower Upper
117 100
82 57.6 44.4 66.6
119 32.6 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048619.D
Acq: 17 Nov 2025 13:52

Tgt Ion:152 Resp: 164165
Ion Ratio Lower Upper
152 100
115 58.5 39.2 117.6
150 157.2 0.0 347.0





#86

p-Isopropyltoluene

Concen: 0.936 ug/l

RT: 11.994 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX048619.D

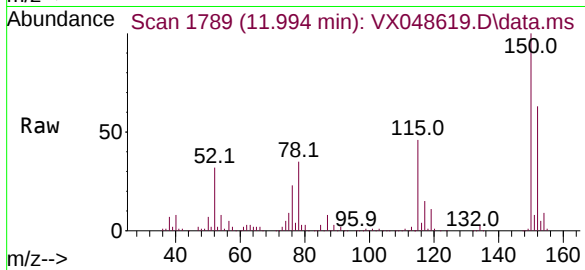
Acq: 17 Nov 2025 13:52

Instrument :

MSVOA_X

ClientSampleId :

MOO-25-0328



Tgt Ion:119 Resp: 9774

Ion Ratio Lower Upper

119 100

134 28.1 13.2 39.5

91 30.2 11.3 33.9

