

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092425\
 Data File : VX047770.D
 Acq On : 24 Sep 2025 12:14
 Operator : JC/MD
 Sample : VX0924MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0924MBL01

Quant Time: Sep 25 01:12:34 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	5.538	168	118797	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	248675	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	246434	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	121977	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	93163	49.268	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.540%
35) Dibromofluoromethane	5.367	113	78558	47.104	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.200%
50) Toluene-d8	8.635	98	275448	47.732	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.460%
62) 4-Bromofluorobenzene	11.061	95	114693	52.369	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.740%

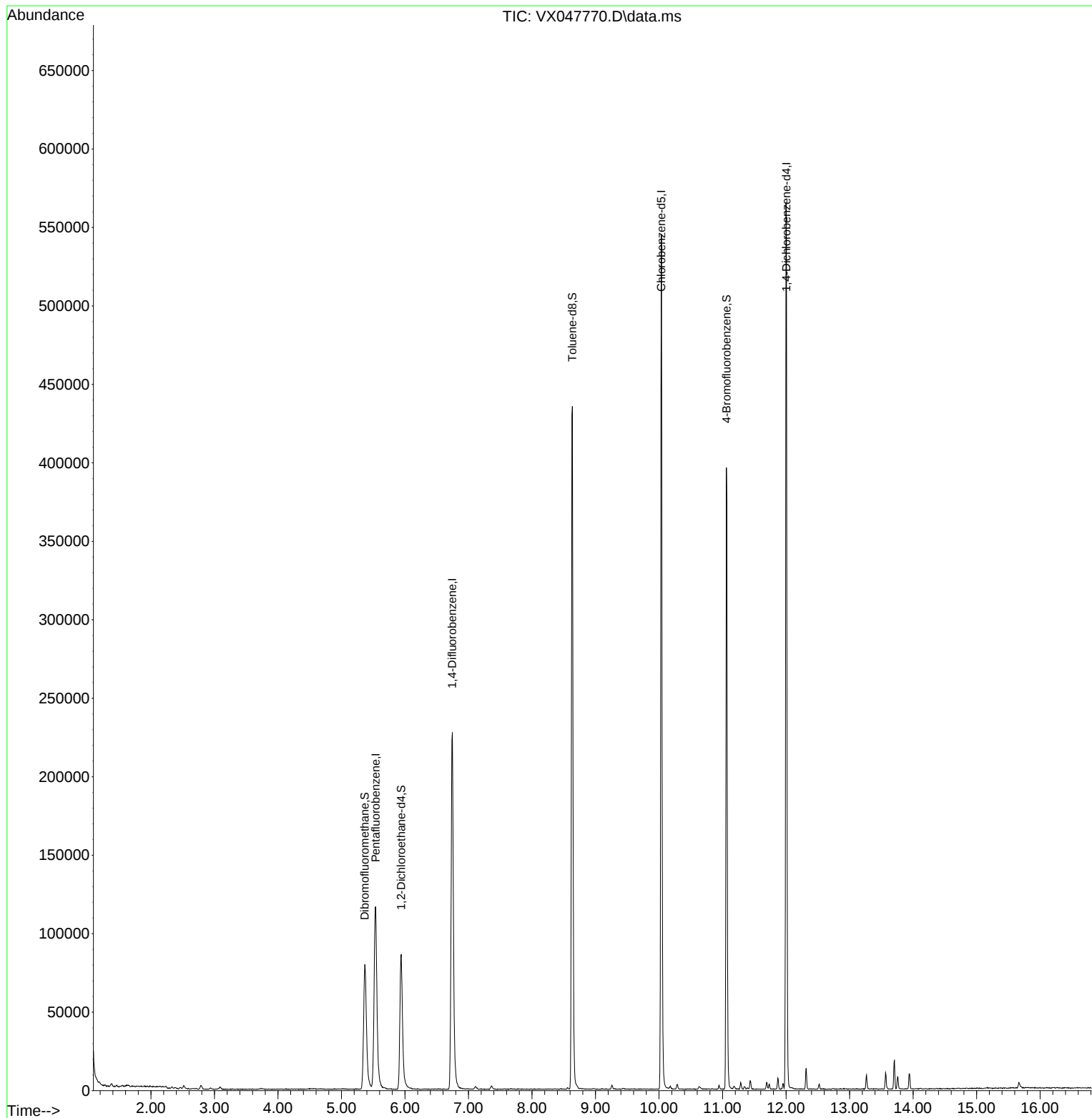
Target Compounds	Qvalue

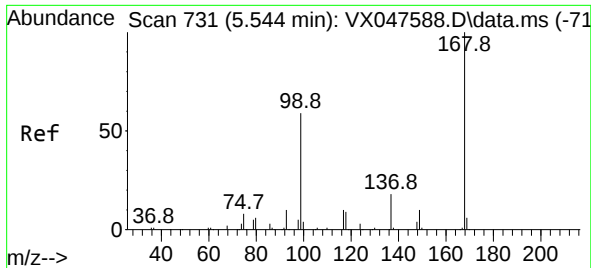
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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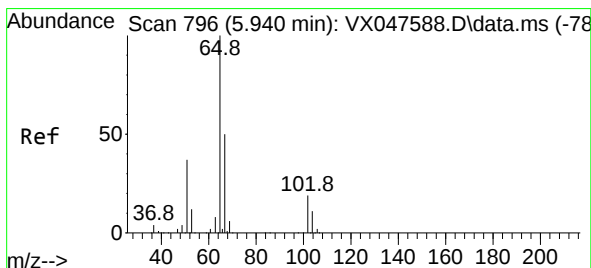
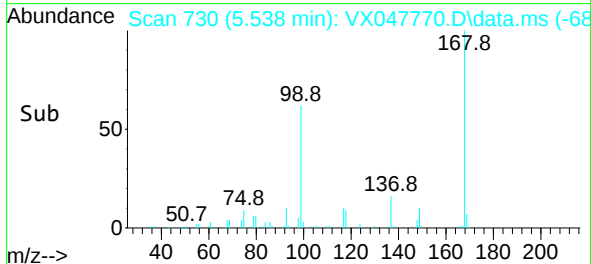
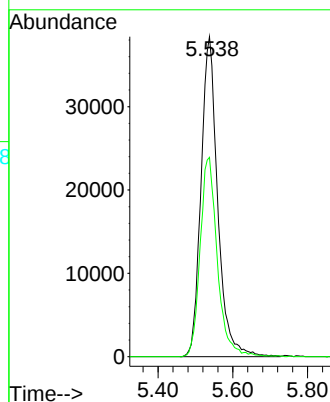
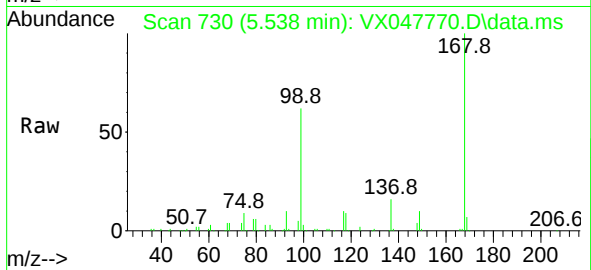




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047770.D
Acq: 24 Sep 2025 12:14

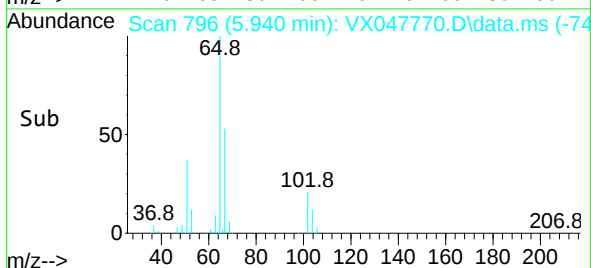
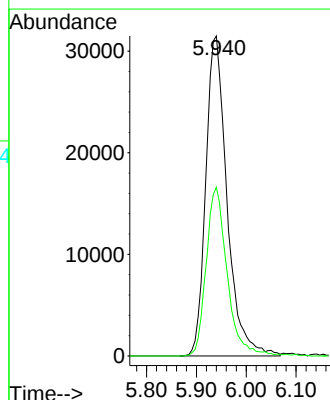
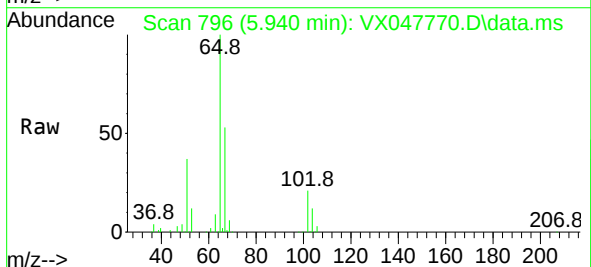
Instrument :
MSVOA_X
ClientSampleId :
VX0924MBL01

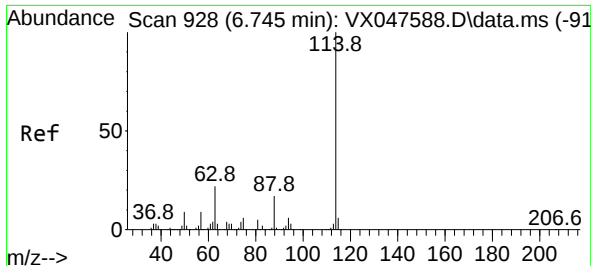
Tgt Ion:168 Resp: 118797
Ion Ratio Lower Upper
168 100
99 62.3 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 49.268 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX047770.D
Acq: 24 Sep 2025 12:14

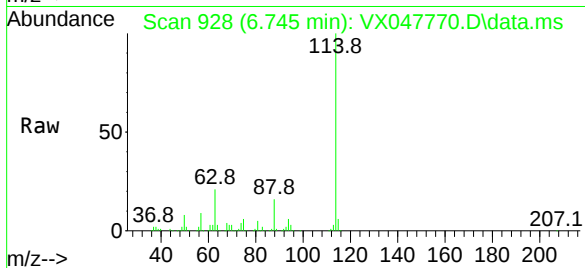
Tgt Ion: 65 Resp: 93163
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.0



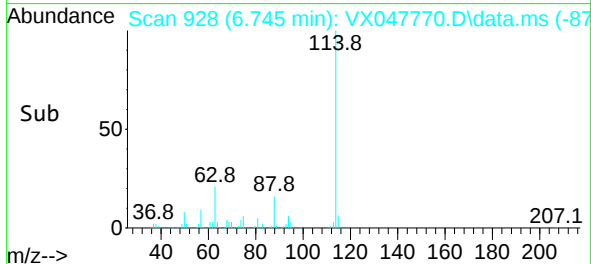
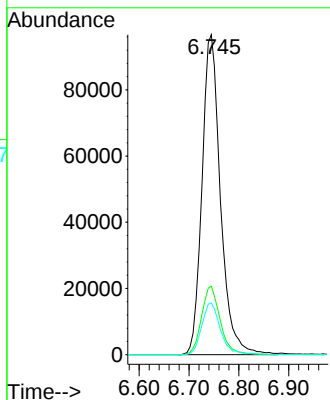


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX047770.D
Acq: 24 Sep 2025 12:14

Instrument :
MSVOA_X
ClientSampleId :
VX0924MBL01

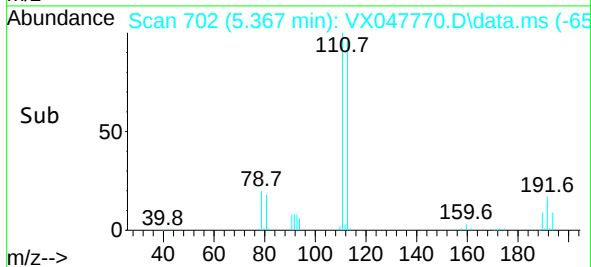
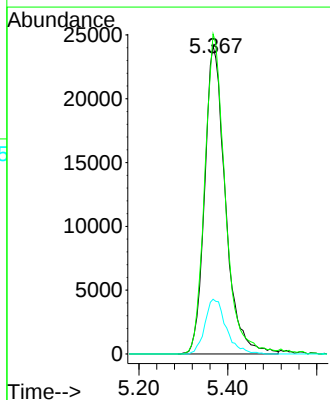
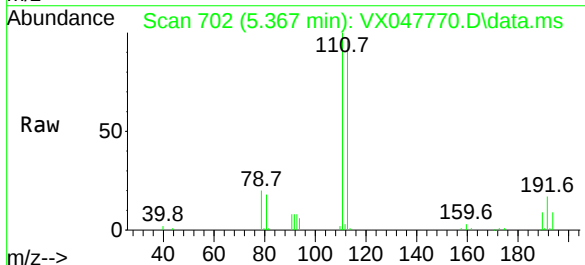


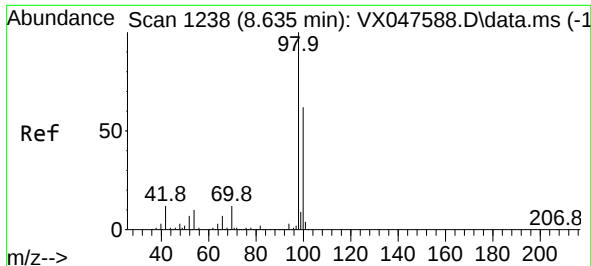
Tgt Ion:114 Resp: 248675
Ion Ratio Lower Upper
114 100
63 21.4 0.0 44.0
88 16.2 0.0 34.2



#35
Dibromofluoromethane
Concen: 47.104 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX047770.D
Acq: 24 Sep 2025 12:14

Tgt Ion:113 Resp: 78558
Ion Ratio Lower Upper
113 100
111 102.3 80.9 121.3
192 18.2 14.2 21.4

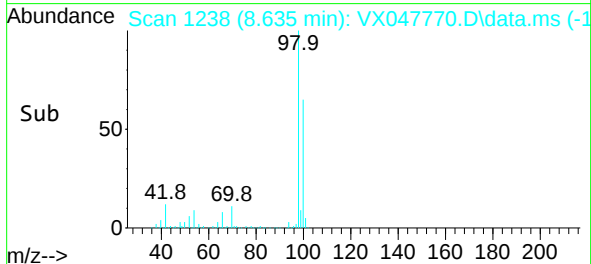
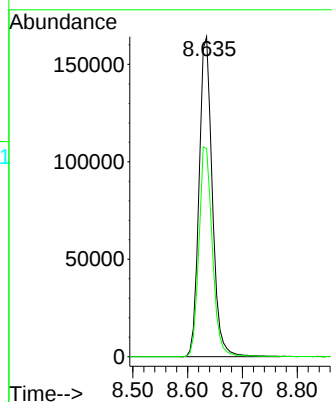
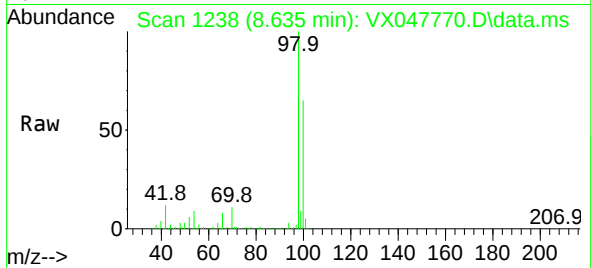




#50
Toluene-d8
Concen: 47.732 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047770.D
Acq: 24 Sep 2025 12:14

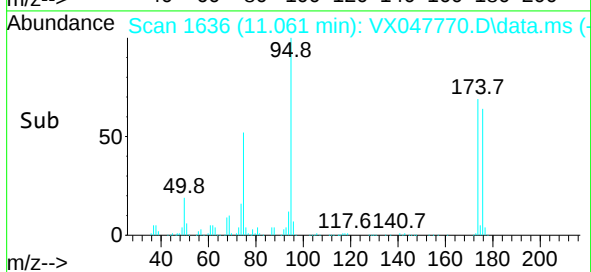
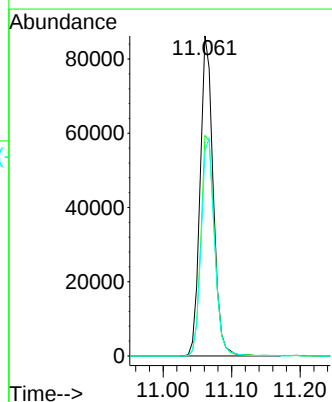
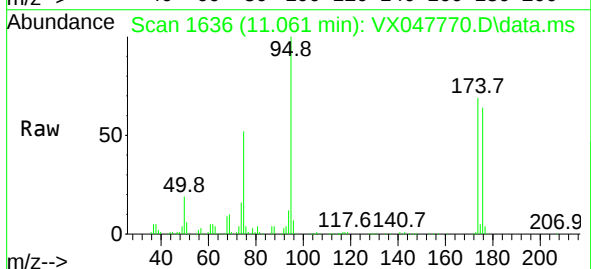
Instrument :
MSVOA_X
ClientSampleId :
VX0924MBL01

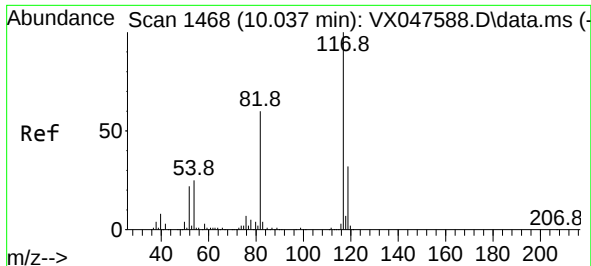
Tgt Ion: 98 Resp: 275448
Ion Ratio Lower Upper
98 100
100 66.7 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 52.369 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047770.D
Acq: 24 Sep 2025 12:14

Tgt Ion: 95 Resp: 114693
Ion Ratio Lower Upper
95 100
174 72.1 0.0 141.6
176 69.7 0.0 138.4

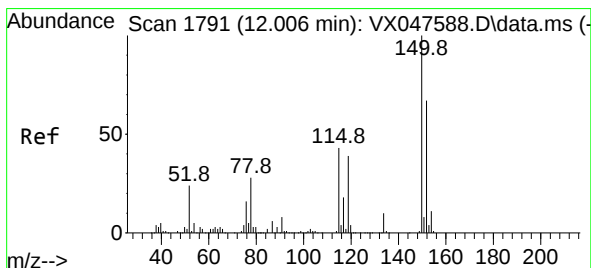
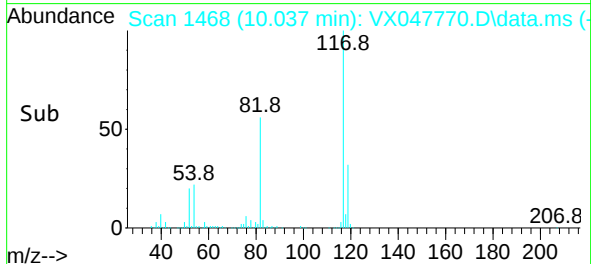
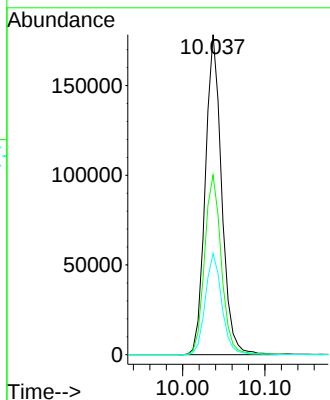
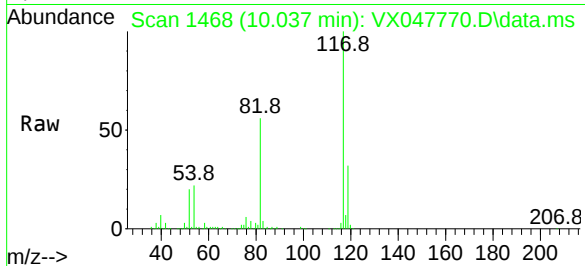




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047770.D
Acq: 24 Sep 2025 12:14

Instrument :
MSVOA_X
ClientSampleId :
VX0924MBL01

Tgt Ion:117 Resp: 246434
Ion Ratio Lower Upper
117 100
82 56.2 47.8 71.6
119 31.6 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: VX047770.D
Acq: 24 Sep 2025 12:14

Tgt Ion:152 Resp: 121977
Ion Ratio Lower Upper
152 100
115 62.6 44.9 134.5
150 156.0 0.0 352.0

