

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091825\
 Data File : VX047632.D
 Acq On : 18 Sep 2025 11:58
 Operator : JC/MD
 Sample : VX0918MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918MBL01

Quant Time: Sep 19 01:28:10 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	5.532	168	147403	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.745	114	300468	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	293052	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	144572	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	108415	46.207	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.420%
35) Dibromofluoromethane	5.367	113	89517	44.423	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.840%
50) Toluene-d8	8.635	98	324182	46.493	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.980%
62) 4-Bromofluorobenzene	11.061	95	136866	51.721	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.440%

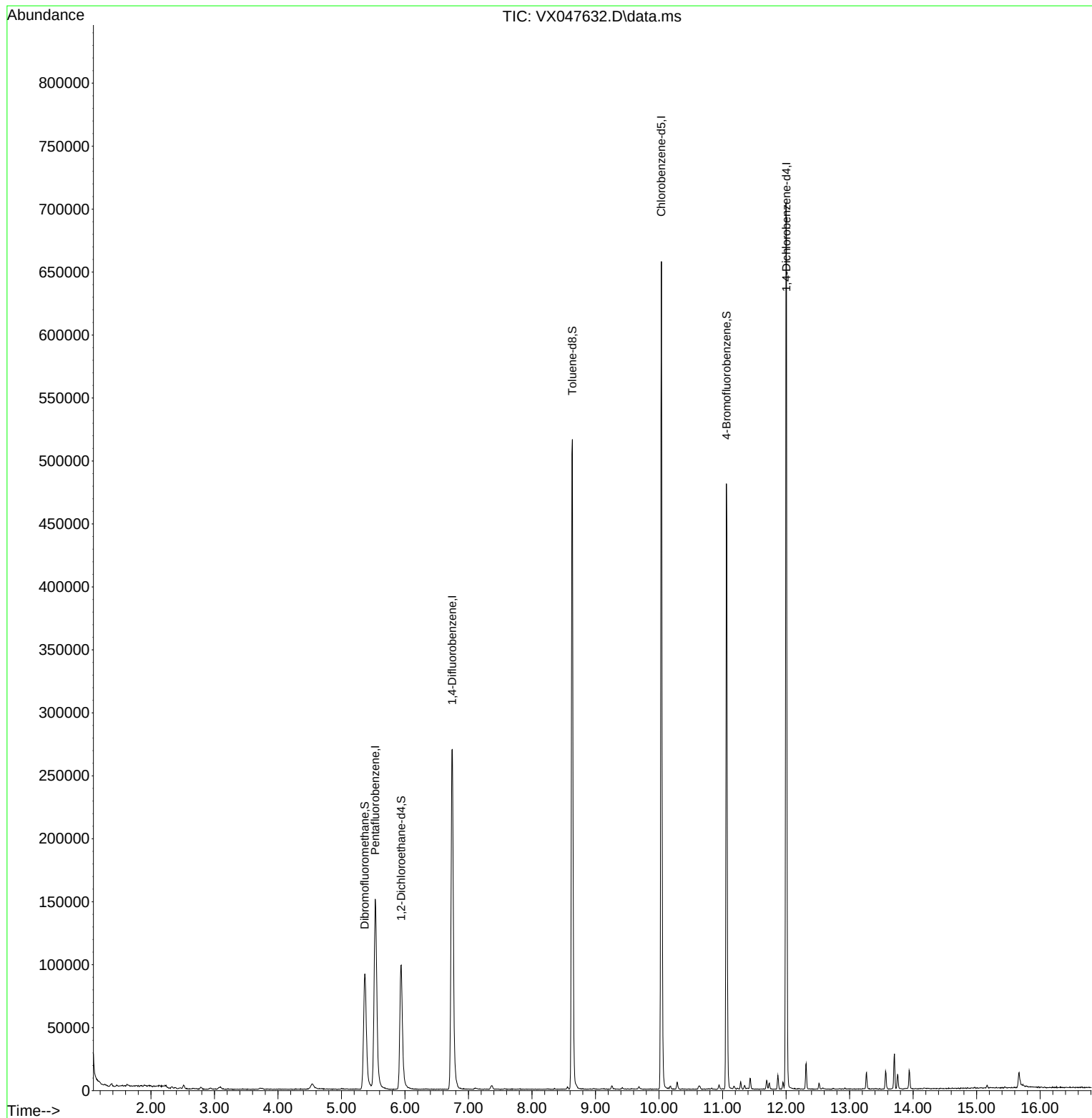
Target Compounds	Qvalue

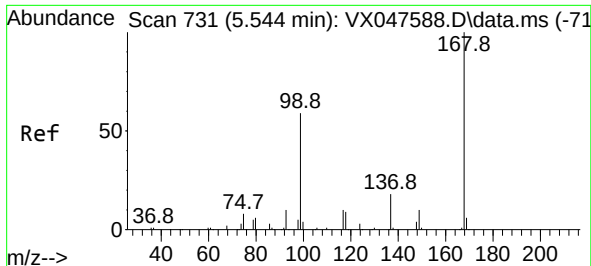
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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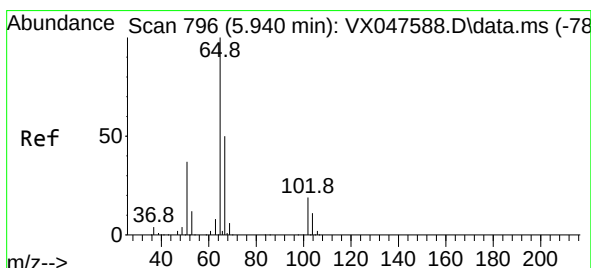
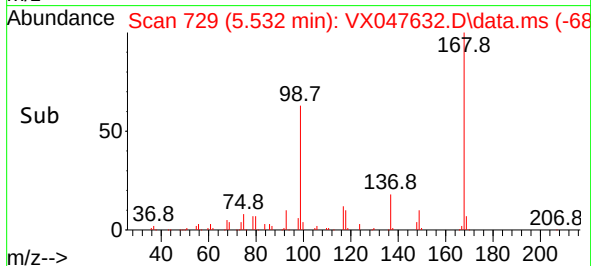
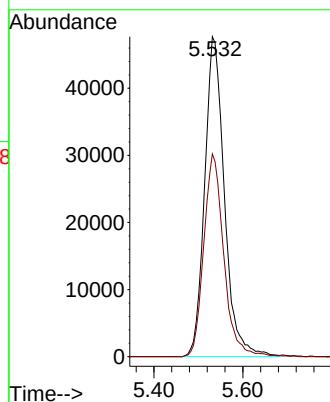
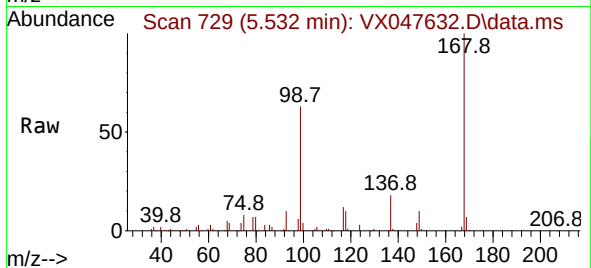




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX047632.D
Acq: 18 Sep 2025 11:58

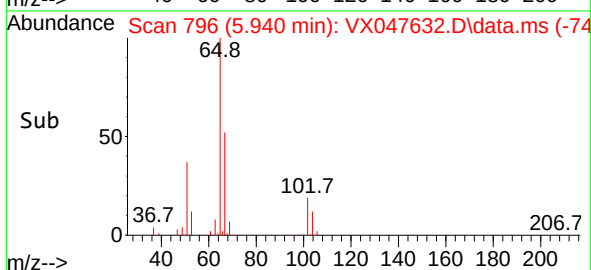
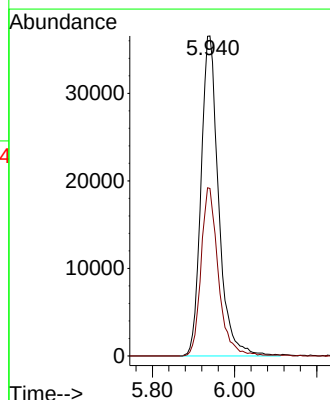
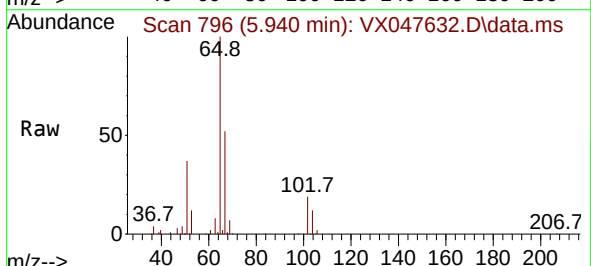
Instrument :
MSVOA_X
ClientSampleId :
VX0918MBL01

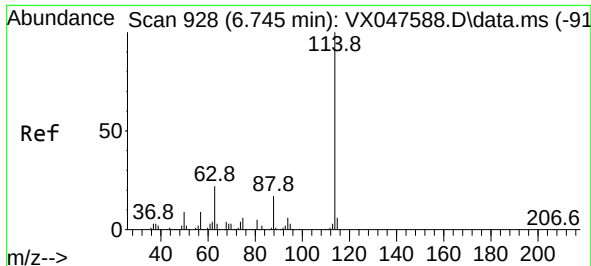
Tgt Ion:168 Resp: 147403
Ion Ratio Lower Upper
168 100
99 63.3 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 46.207 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX047632.D
Acq: 18 Sep 2025 11:58

Tgt Ion: 65 Resp: 108415
Ion Ratio Lower Upper
65 100
67 51.8 0.0 103.0

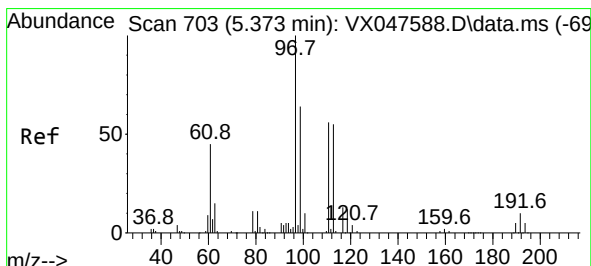
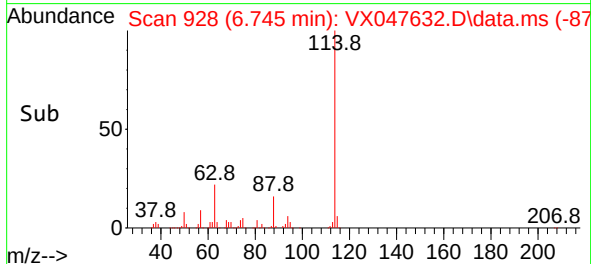
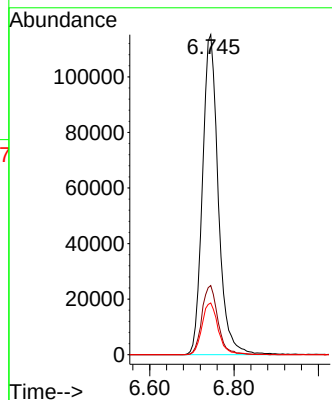
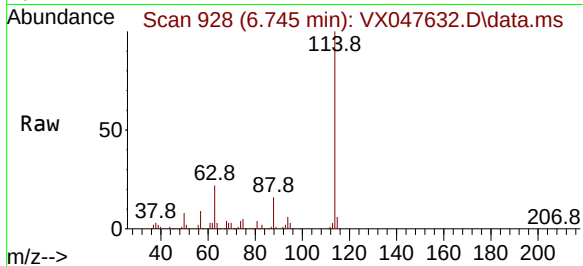




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX047632.D
Acq: 18 Sep 2025 11:58

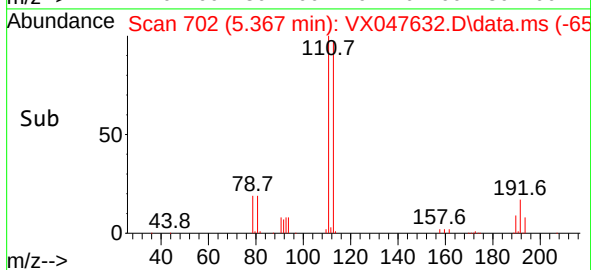
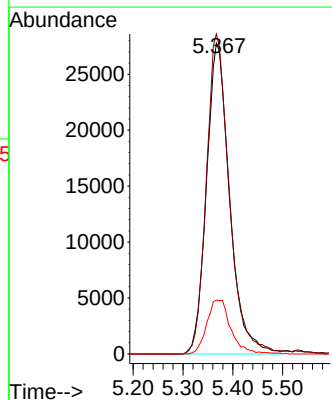
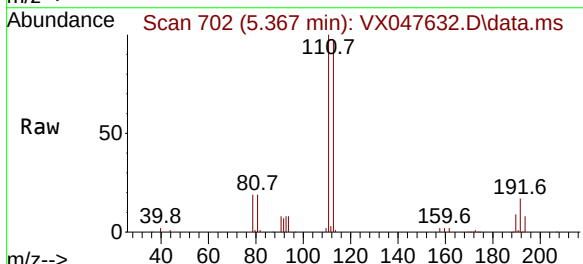
Instrument :
MSVOA_X
ClientSampleId :
VX0918MBL01

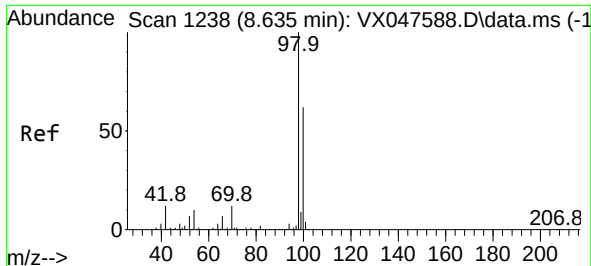
Tgt Ion:114 Resp: 300468
Ion Ratio Lower Upper
114 100
63 21.6 0.0 44.0
88 16.2 0.0 34.2



#35
Dibromofluoromethane
Concen: 44.423 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX047632.D
Acq: 18 Sep 2025 11:58

Tgt Ion:113 Resp: 89517
Ion Ratio Lower Upper
113 100
111 102.5 80.9 121.3
192 18.0 14.2 21.4

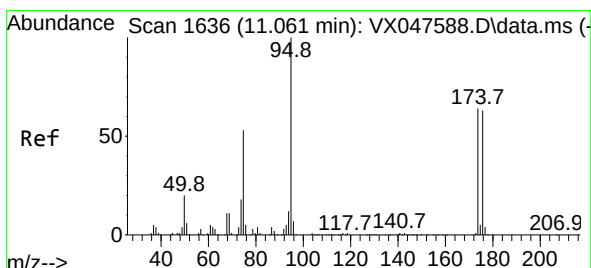
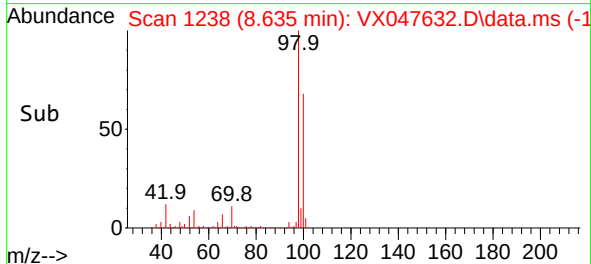
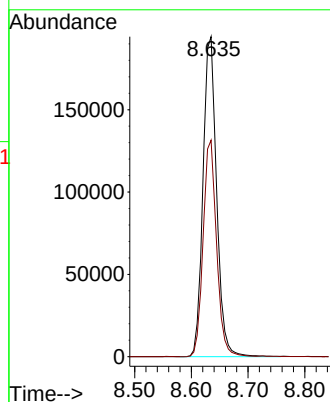
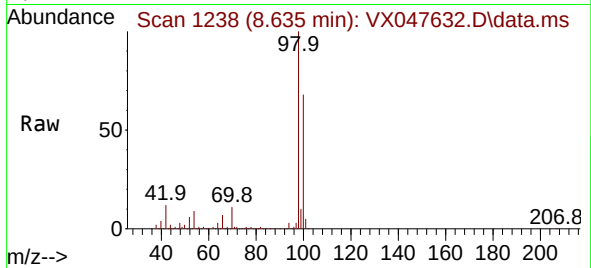




#50
Toluene-d8
Concen: 46.493 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047632.D
Acq: 18 Sep 2025 11:58

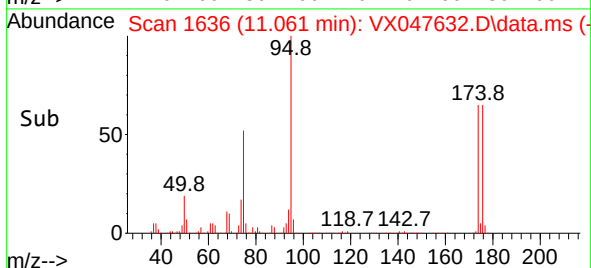
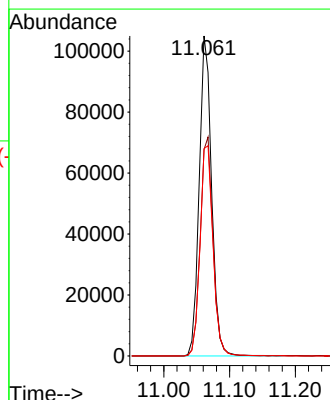
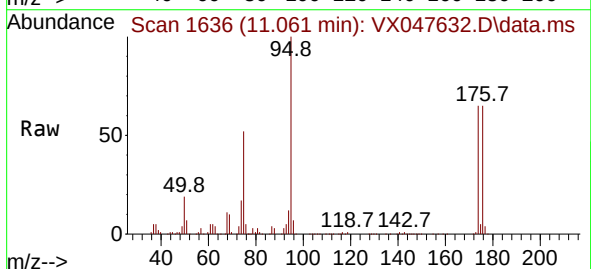
Instrument :
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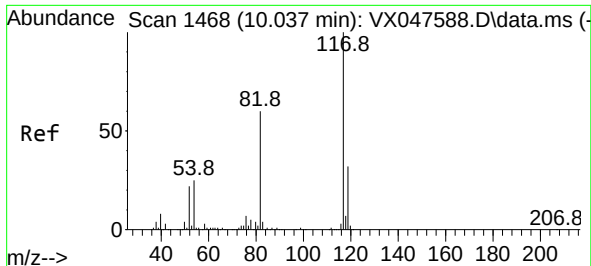
Tgt Ion: 98 Resp: 324182
Ion Ratio Lower Upper
98 100
100 66.8 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 51.721 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047632.D
Acq: 18 Sep 2025 11:58

Tgt Ion: 95 Resp: 136866
Ion Ratio Lower Upper
95 100
174 70.4 0.0 141.6
176 69.0 0.0 138.4

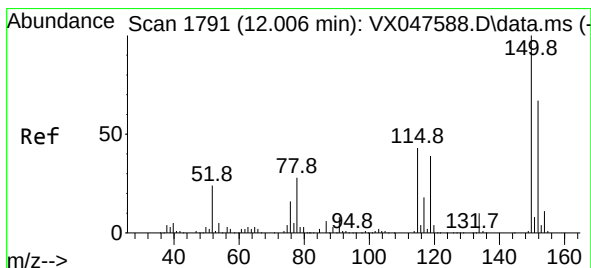
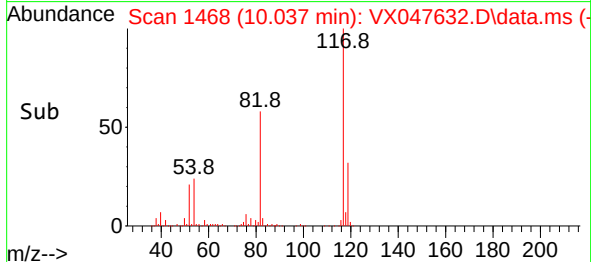
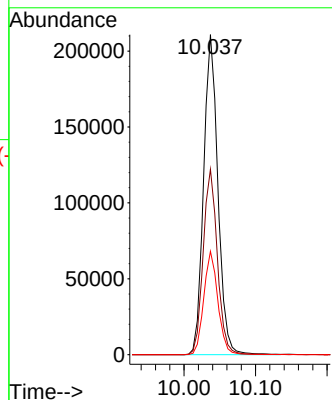
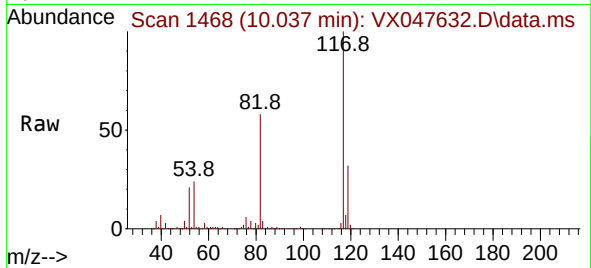




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047632.D
Acq: 18 Sep 2025 11:58

Instrument :
MSVOA_X
ClientSampleId :
VX0918MBL01

Tgt Ion:117 Resp: 293052
Ion Ratio Lower Upper
117 100
82 57.9 47.8 71.6
119 32.3 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: VX047632.D
Acq: 18 Sep 2025 11:58

Tgt Ion:152 Resp: 144572
Ion Ratio Lower Upper
152 100
115 62.9 44.9 134.5
150 158.4 0.0 352.0

