

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
 Data File : VX047801.D
 Acq On : 25 Sep 2025 11:24
 Operator : JC/MD
 Sample : Q3165-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-TB-20250919

Quant Time: Sep 26 01:24:57 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	5.544	168	119517	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	255275	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	257309	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	127824	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	96089	50.509	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.020%
35) Dibromofluoromethane	5.373	113	80603	47.081	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.160%
50) Toluene-d8	8.635	98	283499	47.857	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.720%
62) 4-Bromofluorobenzene	11.067	95	117859	52.423	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.840%

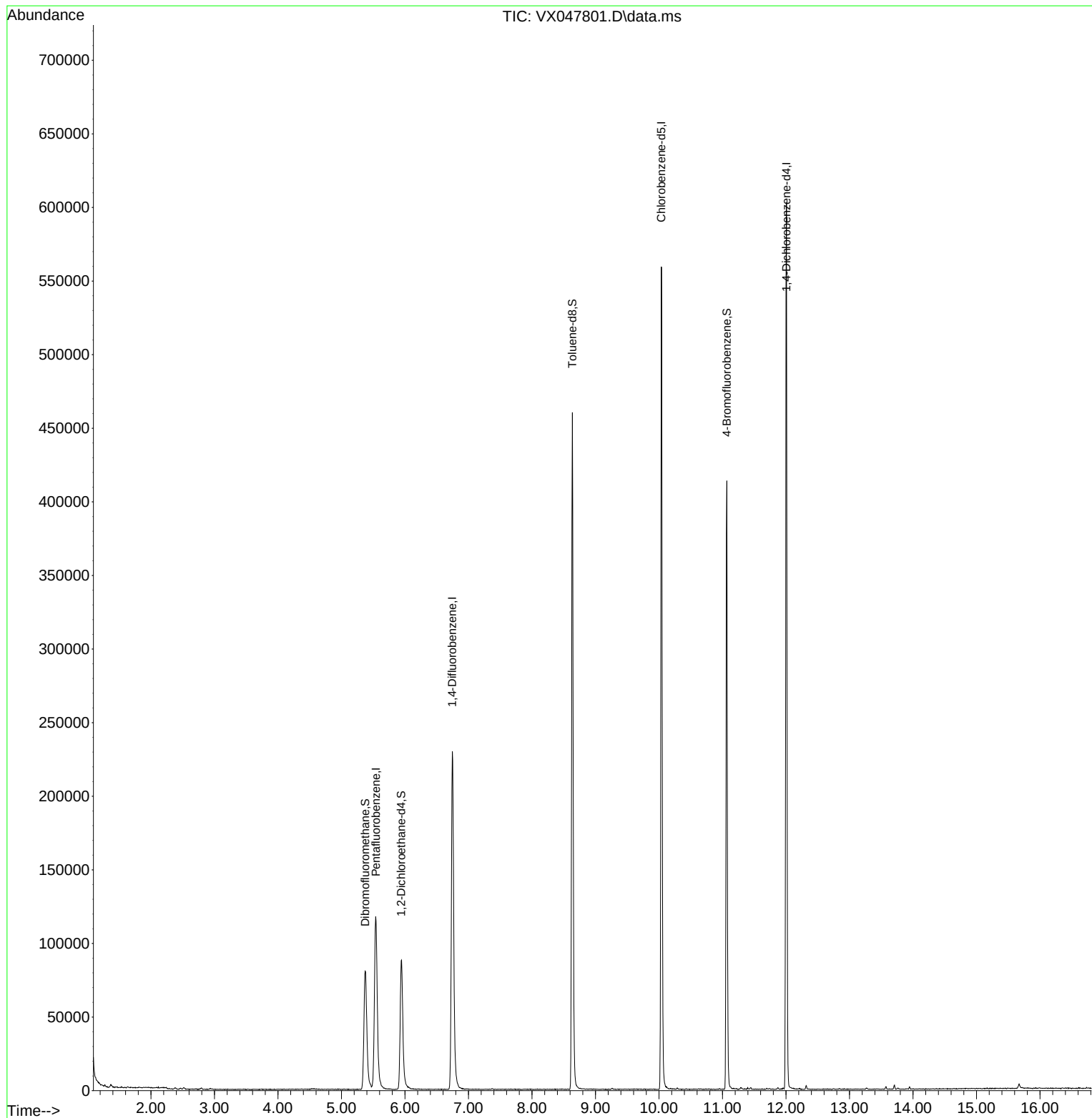
Target Compounds	Qvalue

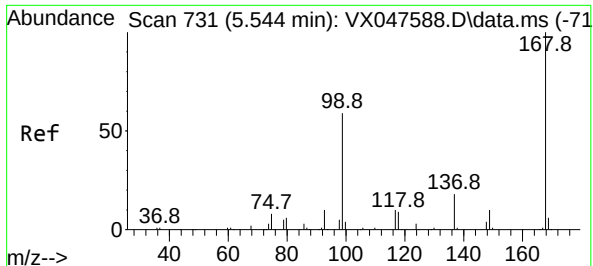
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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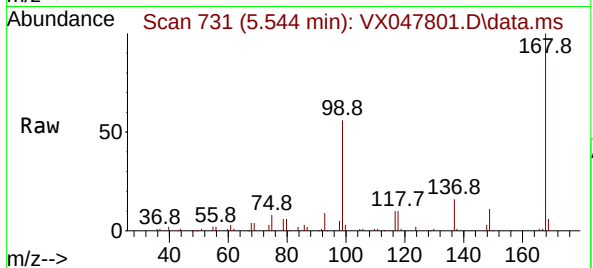
Quant Time: Sep 26 01:24:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
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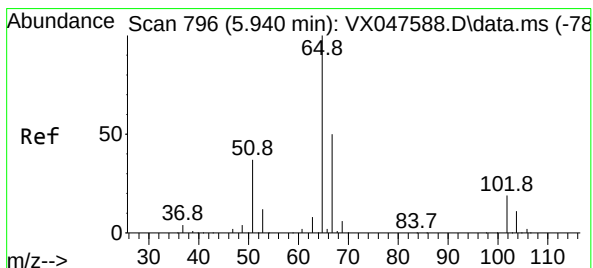
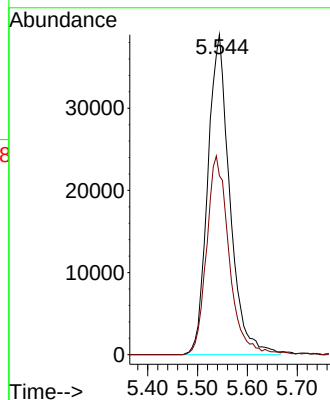
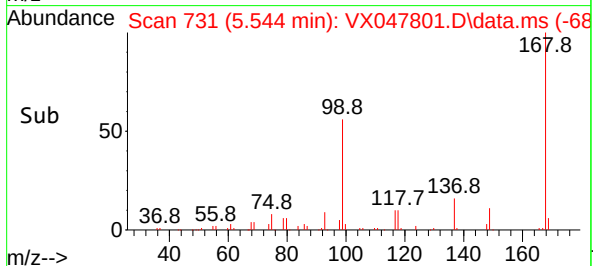


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX047801.D
Acq: 25 Sep 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-TB-20250919

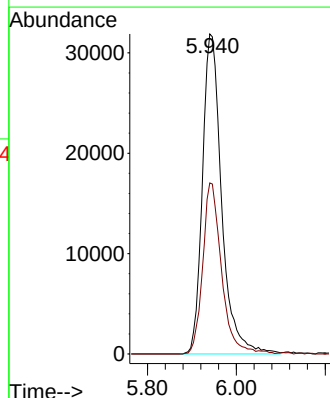
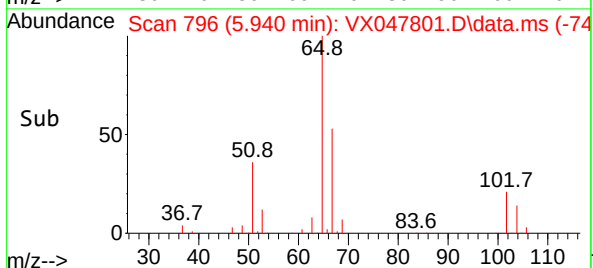
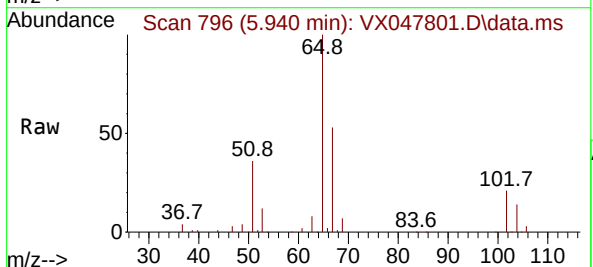


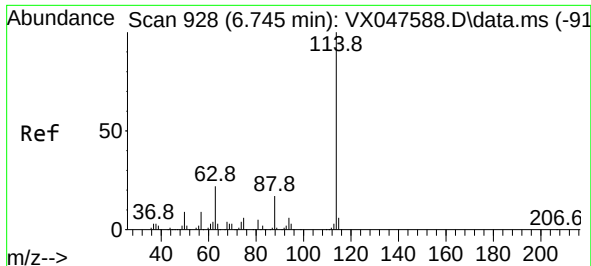
Tgt Ion:168 Resp: 119517
Ion Ratio Lower Upper
168 100
99 55.9 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 50.509 ug/l
RT: 5.940 min Scan# 796
Delta R.T. 0.000 min
Lab File: VX047801.D
Acq: 25 Sep 2025 11:24

Tgt Ion: 65 Resp: 96089
Ion Ratio Lower Upper
65 100
67 52.3 0.0 103.0

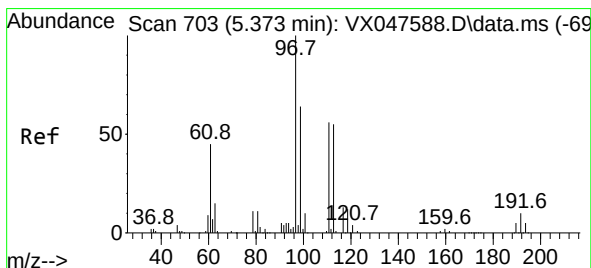
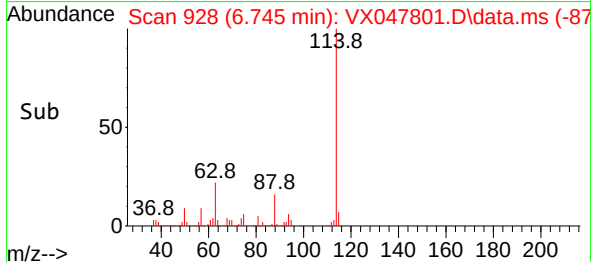
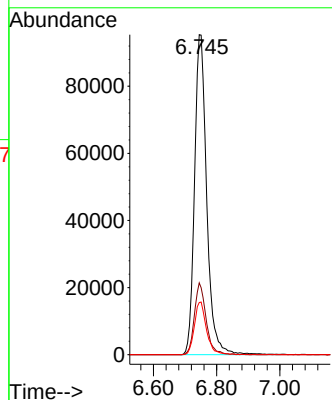
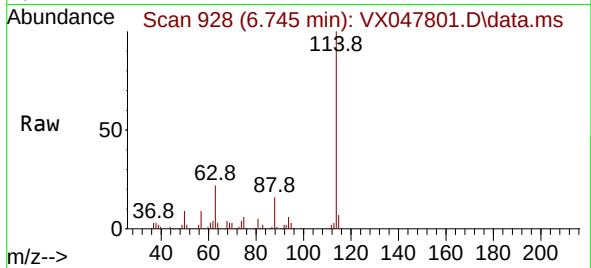




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX047801.D
Acq: 25 Sep 2025 11:24

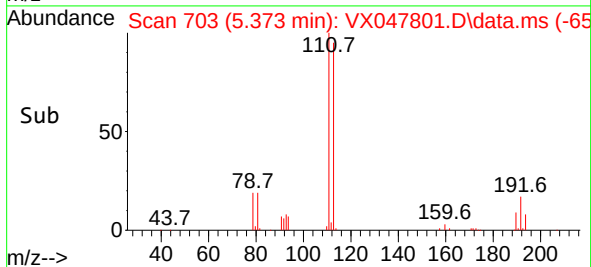
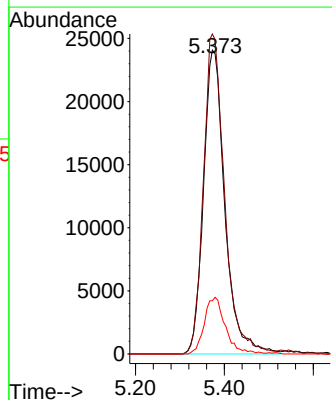
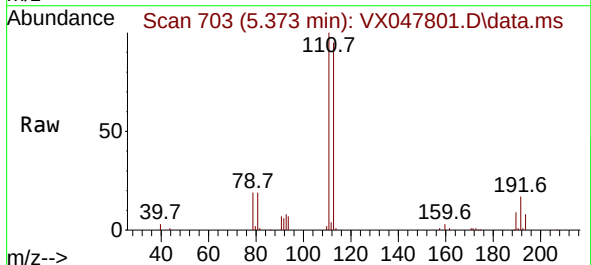
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-TB-20250919

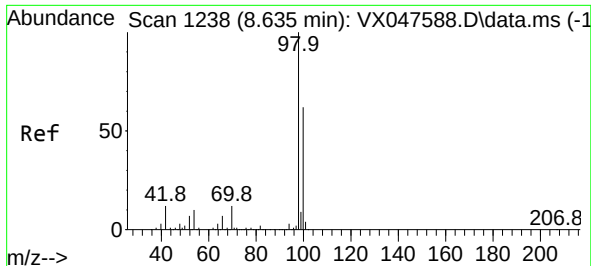
Tgt Ion:	114	Resp:	255275
Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	44.0
88	16.3	0.0	34.2



#35
Dibromofluoromethane
Concen: 47.081 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX047801.D
Acq: 25 Sep 2025 11:24

Tgt Ion:	113	Resp:	80603
Ion	Ratio	Lower	Upper
113	100		
111	104.2	80.9	121.3
192	18.3	14.2	21.4

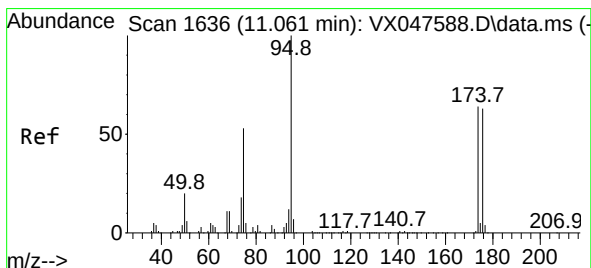
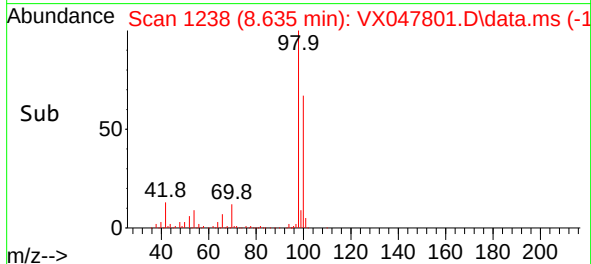
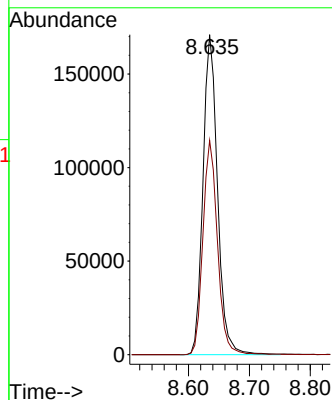
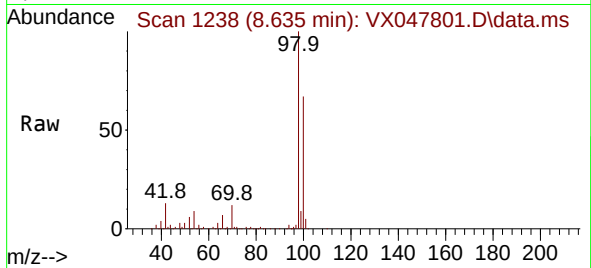




#50
Toluene-d8
Concen: 47.857 ug/l
RT: 8.635 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047801.D
Acq: 25 Sep 2025 11:24

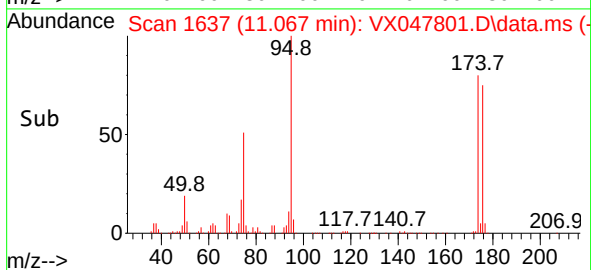
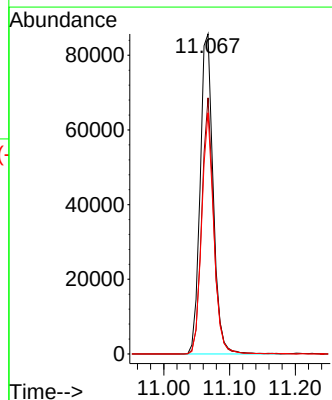
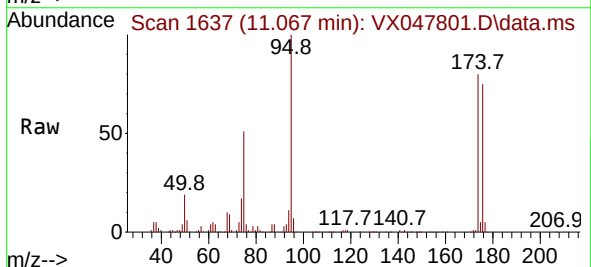
Instrument :
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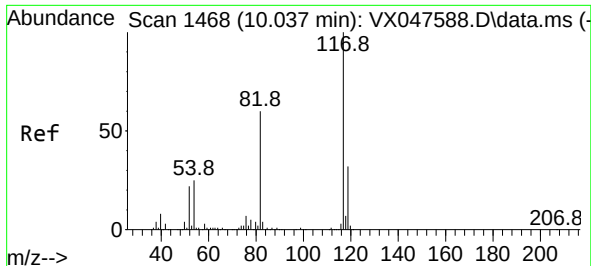
Tgt Ion: 98 Resp: 283499
Ion Ratio Lower Upper
98 100
100 67.0 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 52.423 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047801.D
Acq: 25 Sep 2025 11:24

Tgt Ion: 95 Resp: 117859
Ion Ratio Lower Upper
95 100
174 73.8 0.0 141.6
176 70.4 0.0 138.4

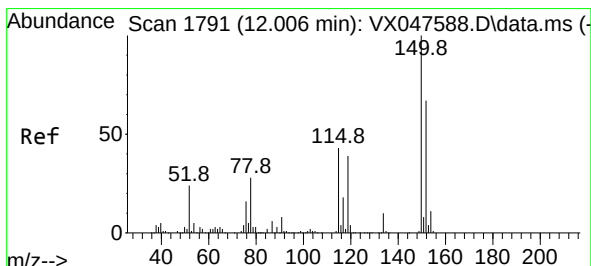
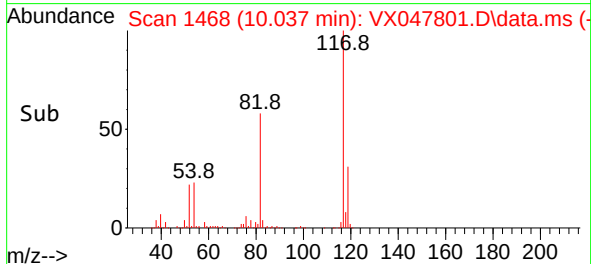
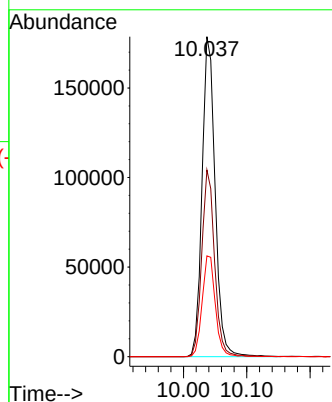
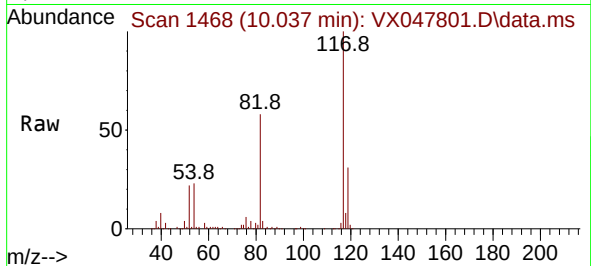




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX047801.D
Acq: 25 Sep 2025 11:24

Instrument :
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ClientSampleId :
BP-VPB-184-TB-20250919

Tgt Ion:117 Resp: 257309
Ion Ratio Lower Upper
117 100
82 58.4 47.8 71.6
119 31.5 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: VX047801.D
Acq: 25 Sep 2025 11:24

Tgt Ion:152 Resp: 127824
Ion Ratio Lower Upper
152 100
115 62.4 44.9 134.5
150 157.8 0.0 352.0

