

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
 Data File : VX047814.D
 Acq On : 25 Sep 2025 15:59
 Operator : JC/MD
 Sample : Q3128-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW6-7-20250917

Quant Time: Sep 26 01:30:15 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	5.537	168	119857	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	249353	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	255198	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	128055	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	96236	50.443	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.880%
35) Dibromofluoromethane	5.379	113	82824	49.527	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.060%
50) Toluene-d8	8.634	98	285778	49.387	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.780%
62) 4-Bromofluorobenzene	11.067	95	118204	53.825	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.660%

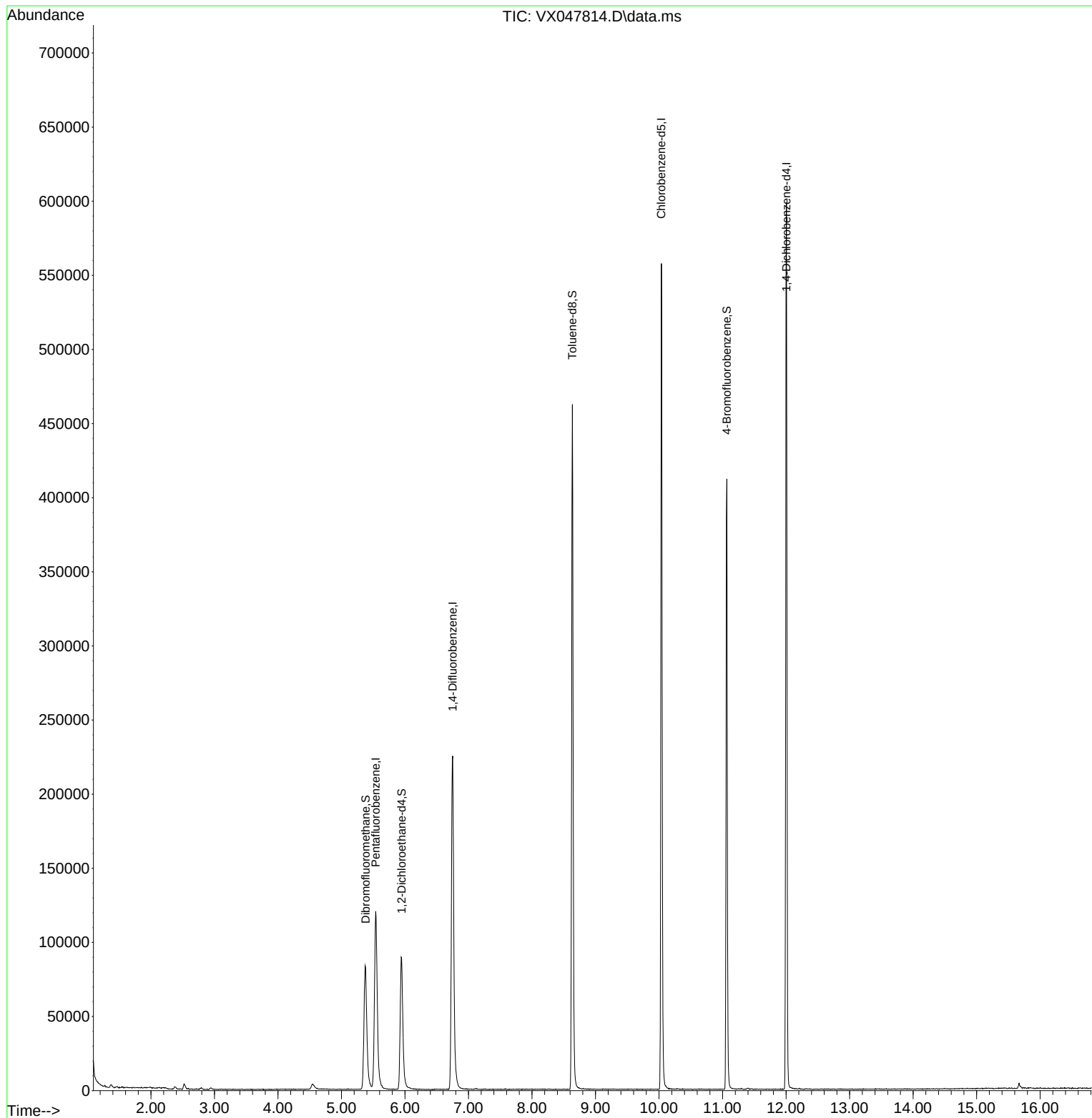
Target Compounds	Qvalue

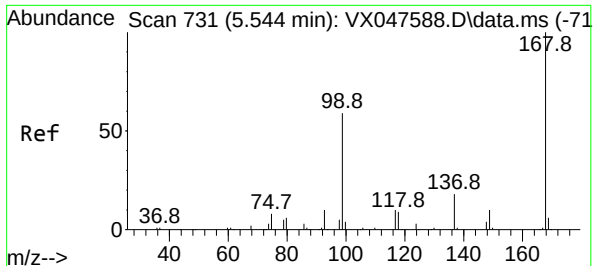
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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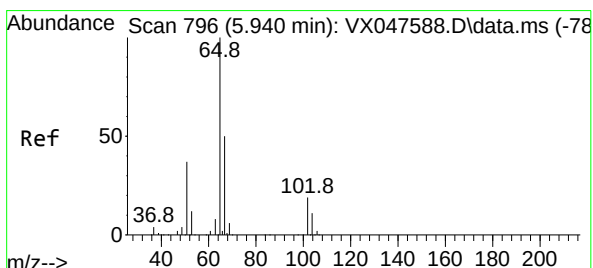
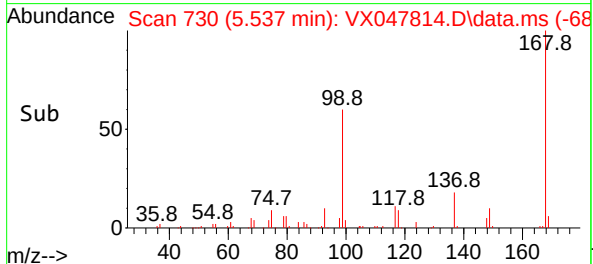
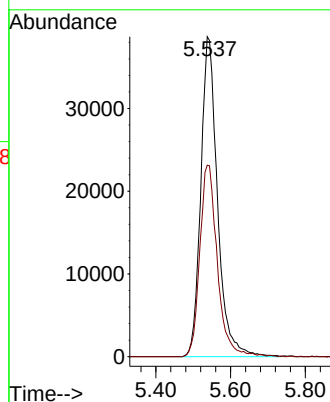
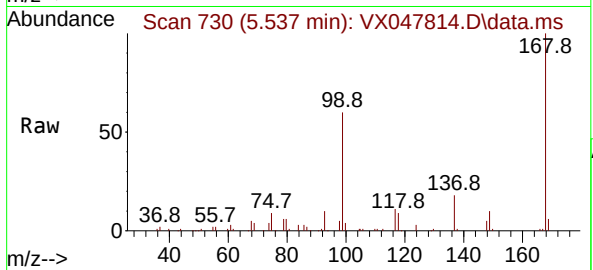




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 711
Delta R.T. -0.007 min
Lab File: VX047814.D
Acq: 25 Sep 2025 15:59

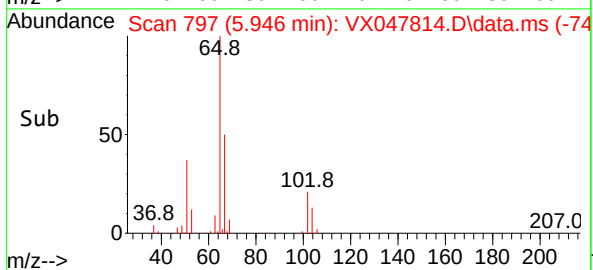
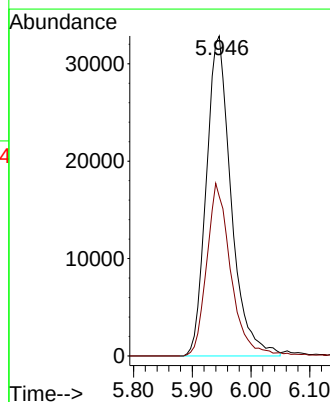
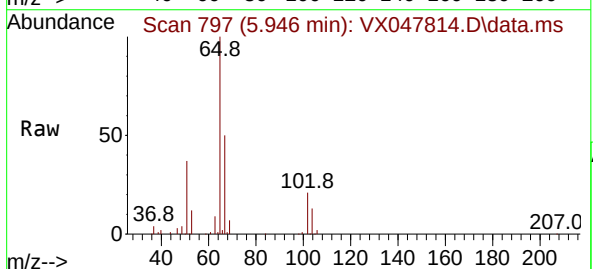
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-7-20250917

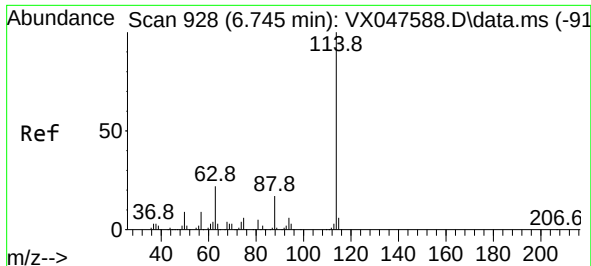
Tgt Ion:168 Resp: 119857
Ion Ratio Lower Upper
168 100
99 59.9 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 50.443 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX047814.D
Acq: 25 Sep 2025 15:59

Tgt Ion: 65 Resp: 96236
Ion Ratio Lower Upper
65 100
67 52.8 0.0 103.0

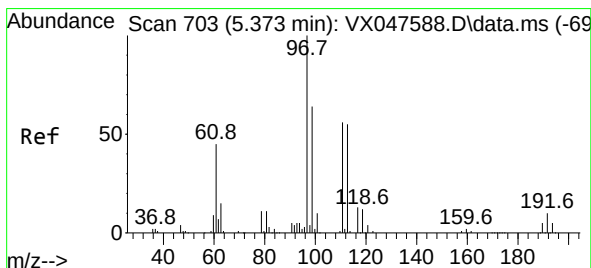
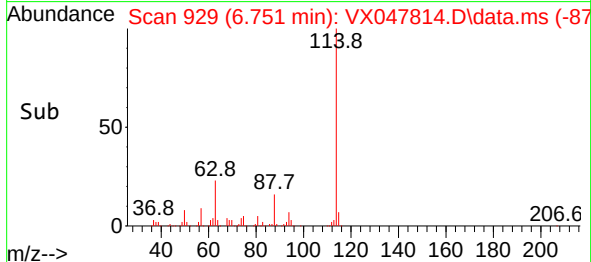
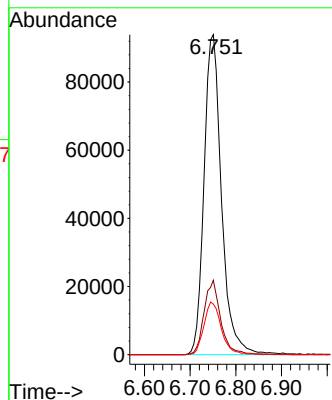
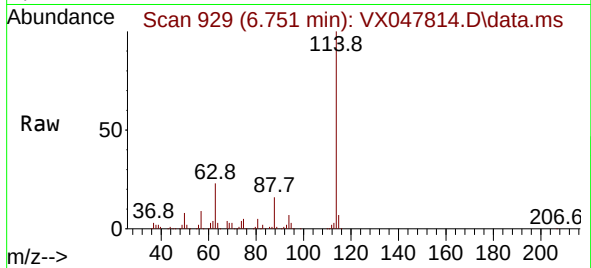




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047814.D
Acq: 25 Sep 2025 15:59

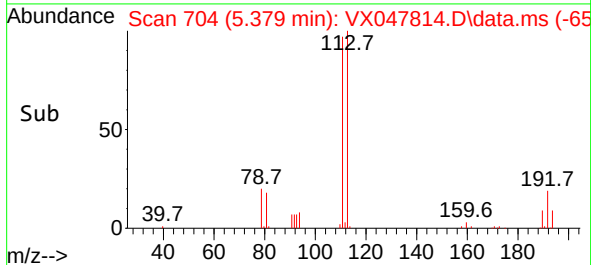
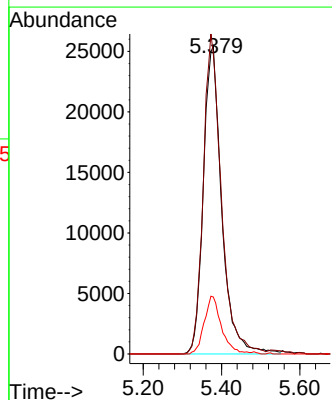
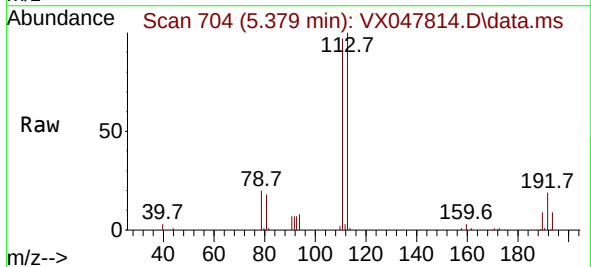
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-7-20250917

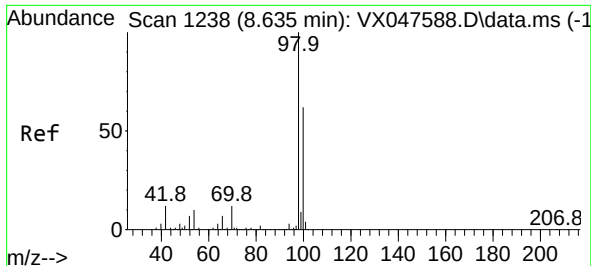
Tgt Ion:114 Resp: 249353
Ion Ratio Lower Upper
114 100
63 23.3 0.0 44.0
88 15.8 0.0 34.2



#35
Dibromofluoromethane
Concen: 49.527 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX047814.D
Acq: 25 Sep 2025 15:59

Tgt Ion:113 Resp: 82824
Ion Ratio Lower Upper
113 100
111 101.8 80.9 121.3
192 17.5 14.2 21.4

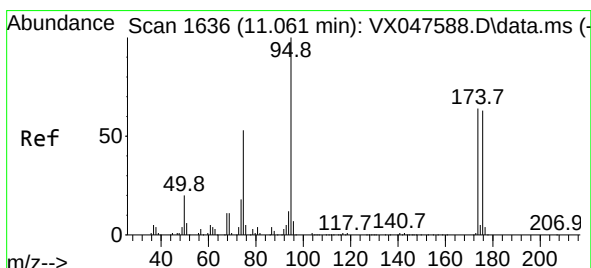
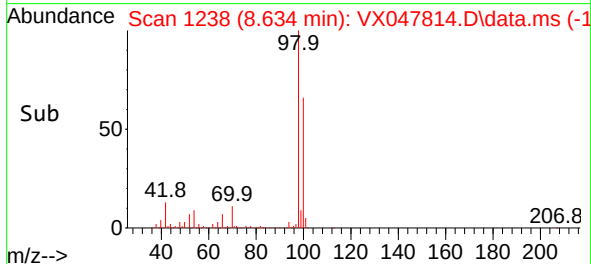
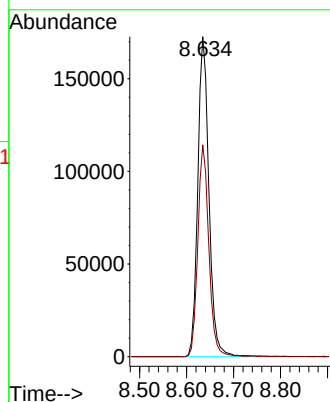
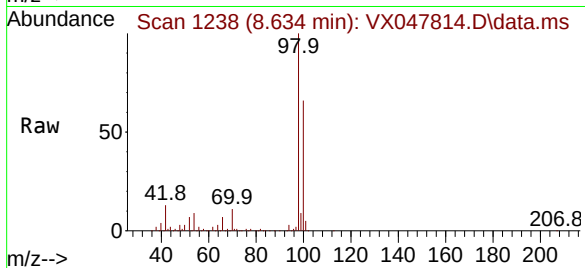




#50
Toluene-d8
Concen: 49.387 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047814.D
Acq: 25 Sep 2025 15:59

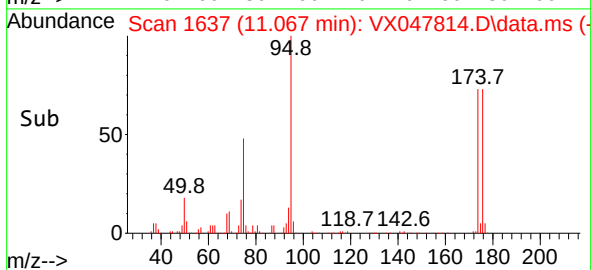
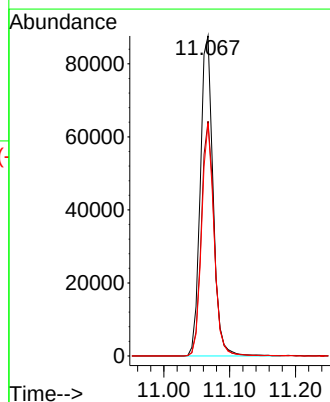
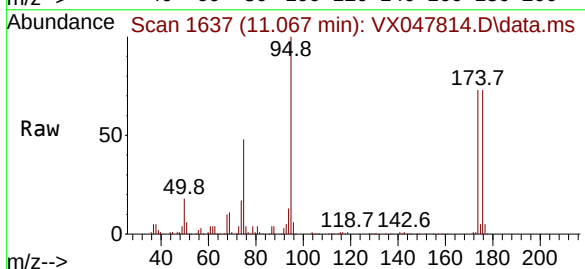
Instrument :
MSVOA_X
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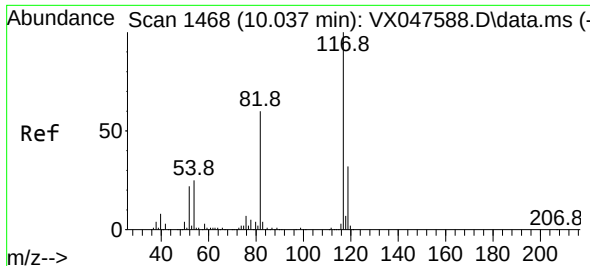
Tgt Ion: 98 Resp: 285778
Ion Ratio Lower Upper
98 100
100 65.5 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 53.825 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047814.D
Acq: 25 Sep 2025 15:59

Tgt Ion: 95 Resp: 118204
Ion Ratio Lower Upper
95 100
174 73.8 0.0 141.6
176 70.7 0.0 138.4

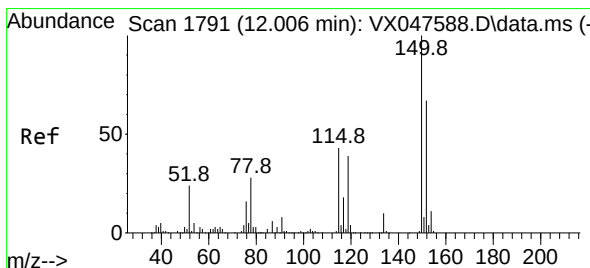
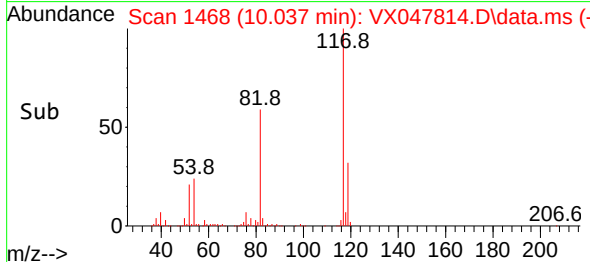
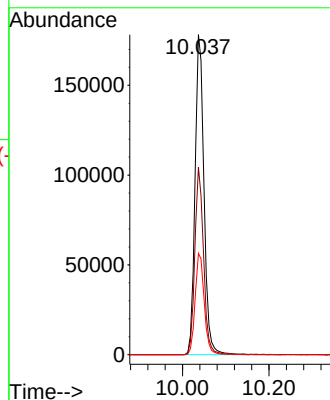
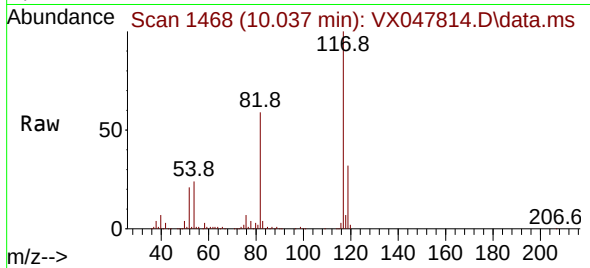




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047814.D
Acq: 25 Sep 2025 15:59

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-7-20250917

Tgt Ion:	117	Resp:	255198
Ion	Ratio	Lower	Upper
117	100		
82	58.6	47.8	71.6
119	31.7	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: VX047814.D
Acq: 25 Sep 2025 15:59

Tgt Ion:	152	Resp:	128055
Ion	Ratio	Lower	Upper
152	100		
115	61.2	44.9	134.5
150	157.6	0.0	352.0

