

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
 Data File : VX047594.D
 Acq On : 16 Sep 2025 14:53
 Operator : JC/MD
 Sample : VX0916WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916WBL01

Quant Time: Sep 17 06:49:28 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	170934	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	354724	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	356396	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	185546	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	152887	56.191	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	112.380%
35) Dibromofluoromethane	5.367	113	117659	49.458	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.920%
50) Toluene-d8	8.635	98	408157	49.583	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.160%
62) 4-Bromofluorobenzene	11.061	95	181994	58.255	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	116.520%

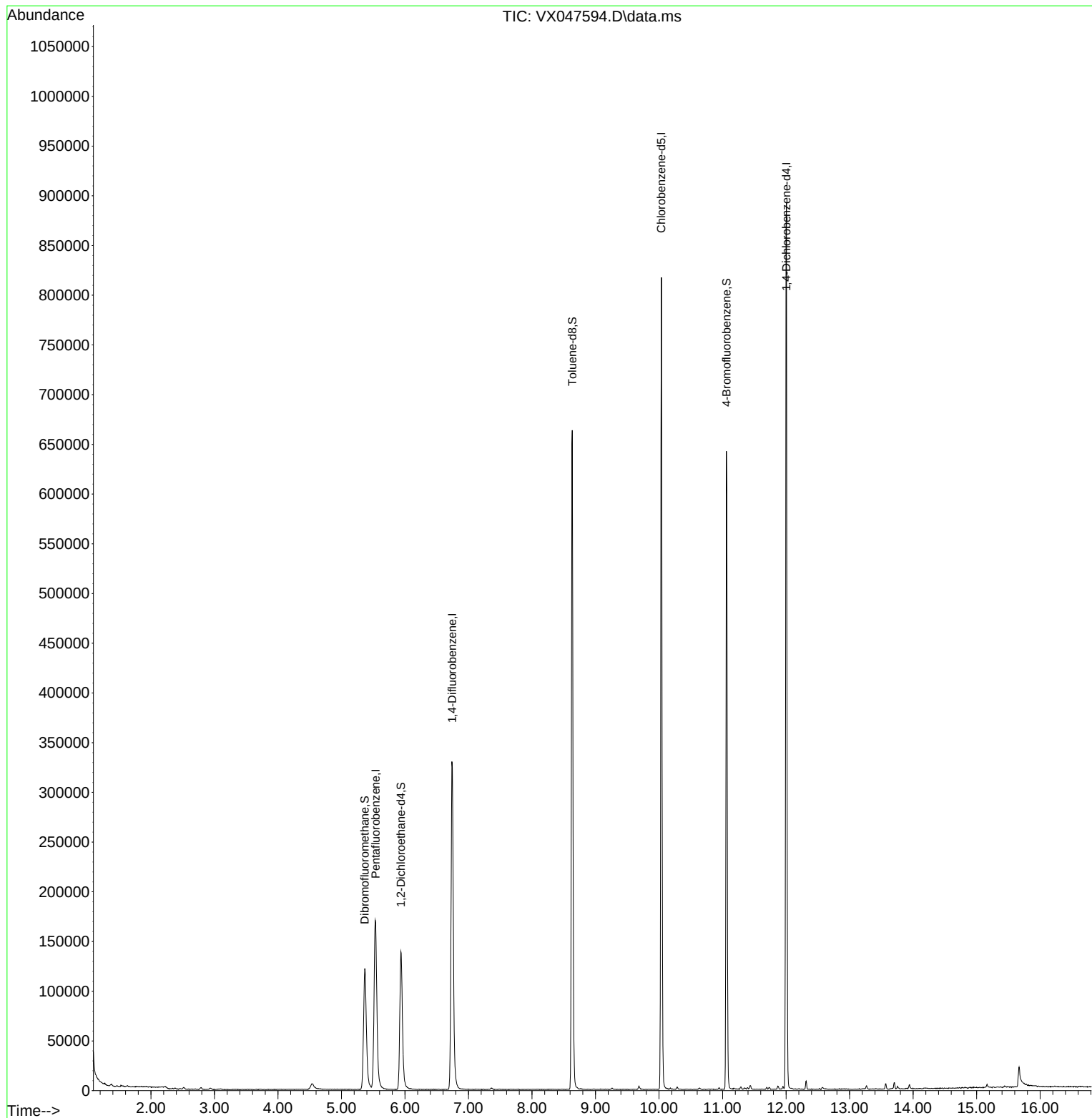
Target Compounds	Qvalue

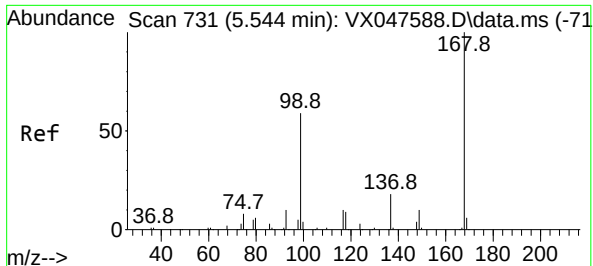
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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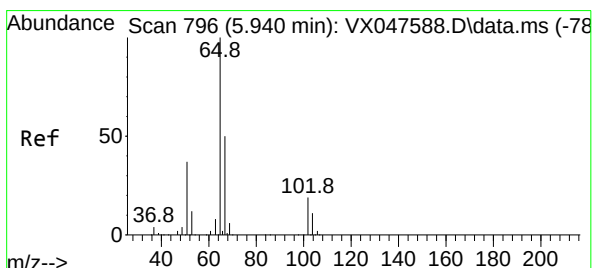
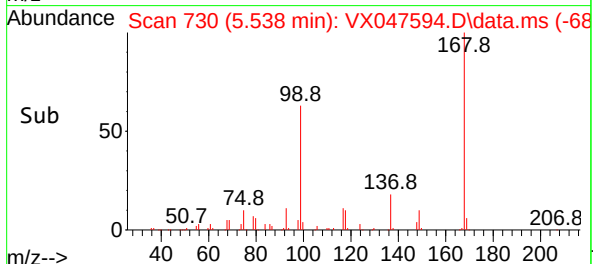
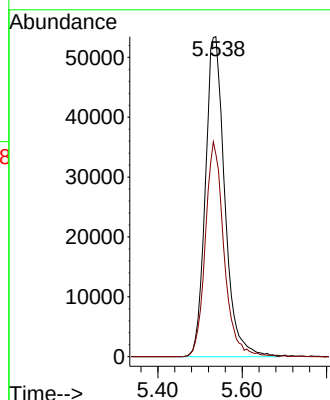
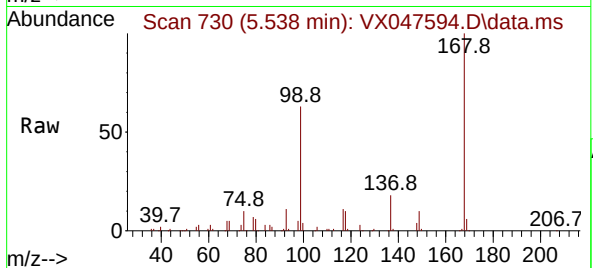




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047594.D
Acq: 16 Sep 2025 14:53

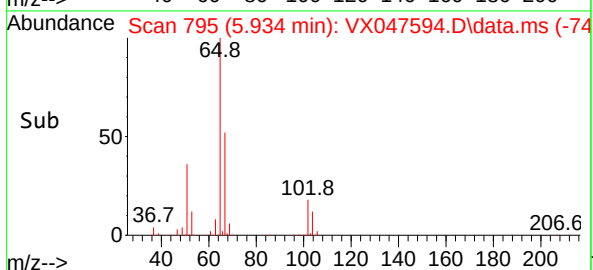
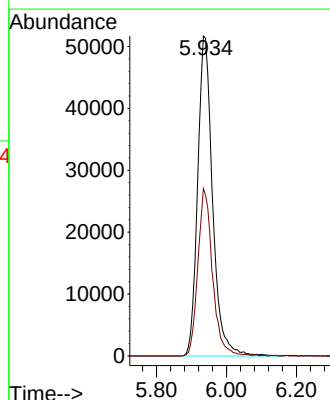
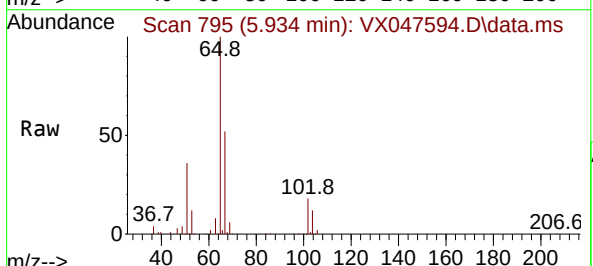
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBL01

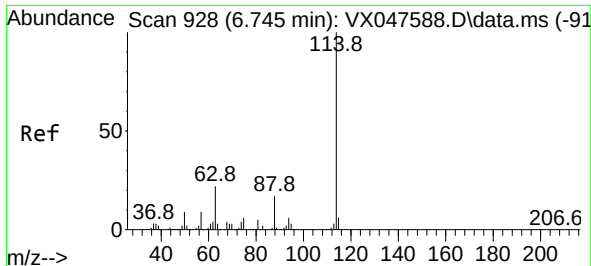
Tgt Ion:168 Resp: 170934
Ion Ratio Lower Upper
168 100
99 63.3 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 56.191 ug/l
RT: 5.934 min Scan# 795
Delta R.T. -0.006 min
Lab File: VX047594.D
Acq: 16 Sep 2025 14:53

Tgt Ion: 65 Resp: 152887
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.0

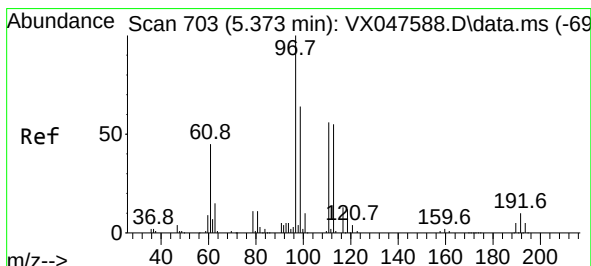
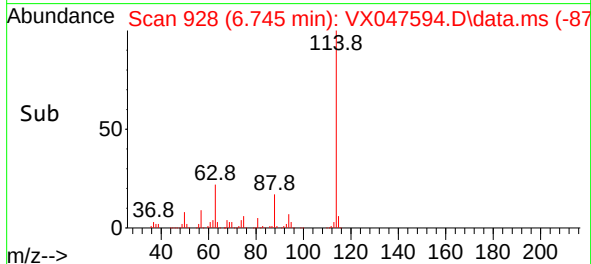
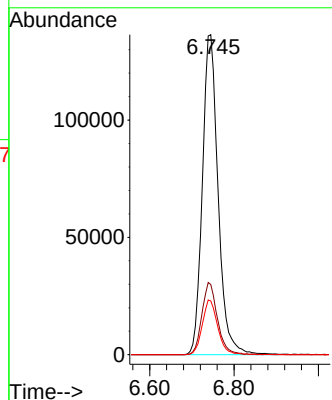
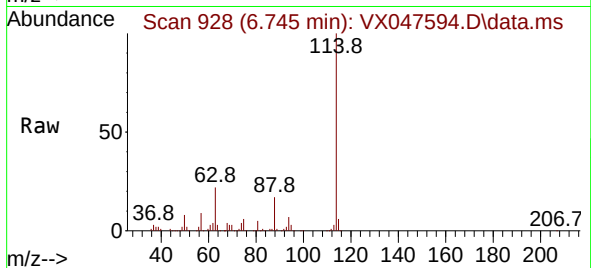




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.745 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VX047594.D
 Acq: 16 Sep 2025 14:53

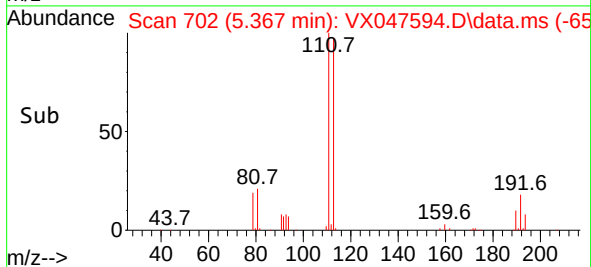
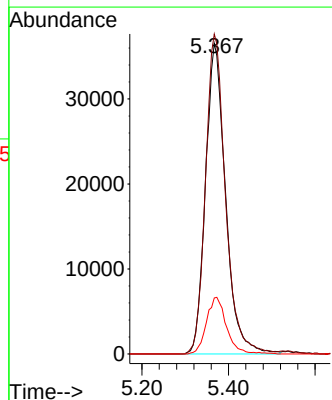
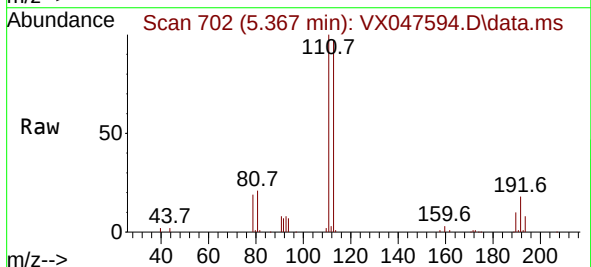
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916WBL01

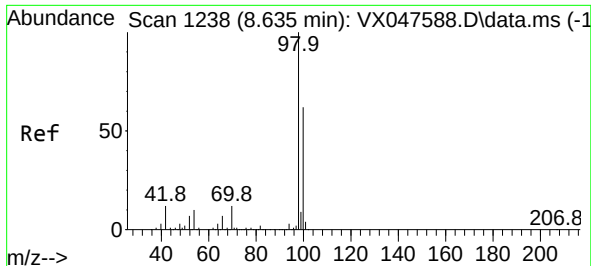
Tgt Ion:114 Resp: 354724
 Ion Ratio Lower Upper
 114 100
 63 25.2 0.0 44.0
 88 16.8 0.0 34.2



#35
 Dibromofluoromethane
 Concen: 49.458 ug/l
 RT: 5.367 min Scan# 702
 Delta R.T. -0.006 min
 Lab File: VX047594.D
 Acq: 16 Sep 2025 14:53

Tgt Ion:113 Resp: 117659
 Ion Ratio Lower Upper
 113 100
 111 102.3 80.9 121.3
 192 18.3 14.2 21.4

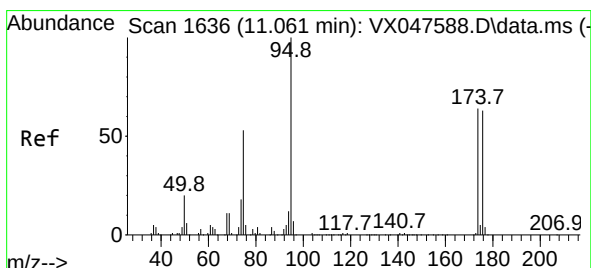
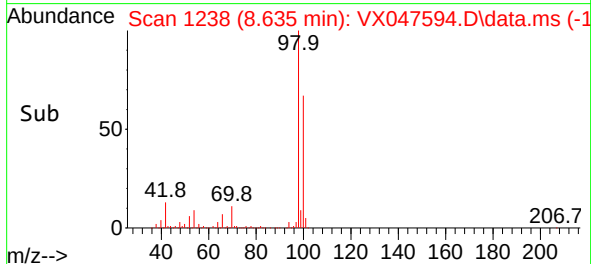
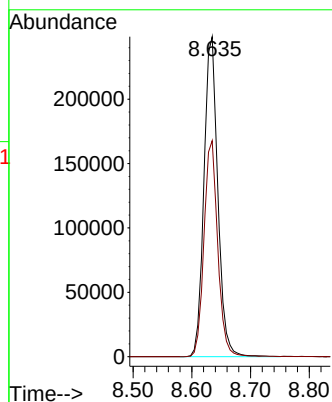
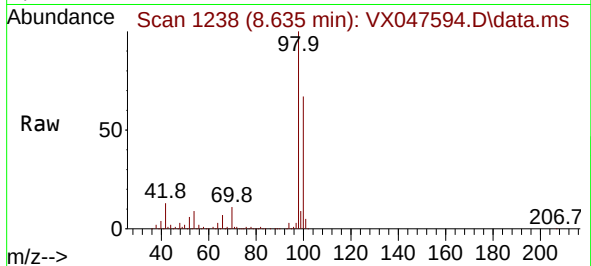




#50
Toluene-d8
Concen: 49.583 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047594.D
Acq: 16 Sep 2025 14:53

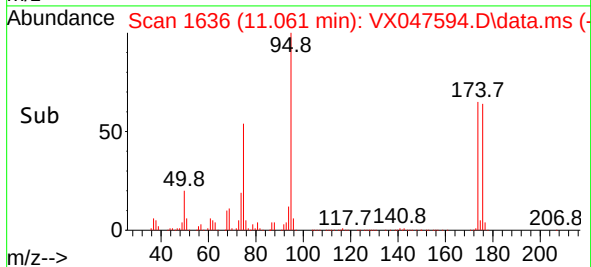
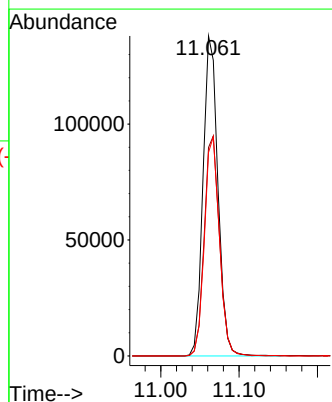
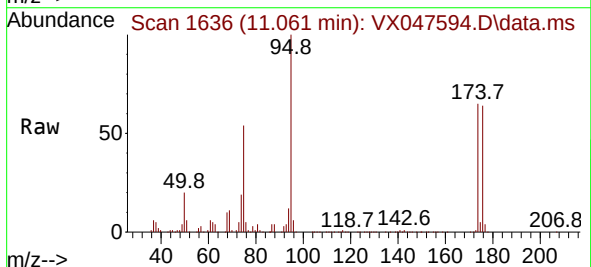
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBL01

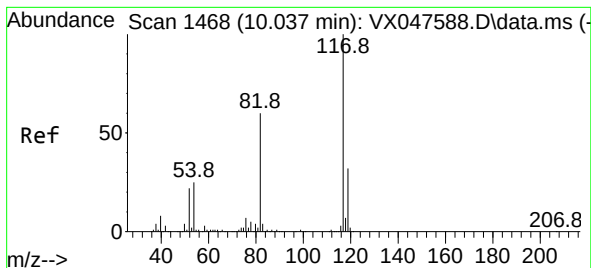
Tgt Ion: 98 Resp: 408157
Ion Ratio Lower Upper
98 100
100 67.0 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 58.255 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047594.D
Acq: 16 Sep 2025 14:53

Tgt Ion: 95 Resp: 181994
Ion Ratio Lower Upper
95 100
174 70.1 0.0 141.6
176 68.9 0.0 138.4

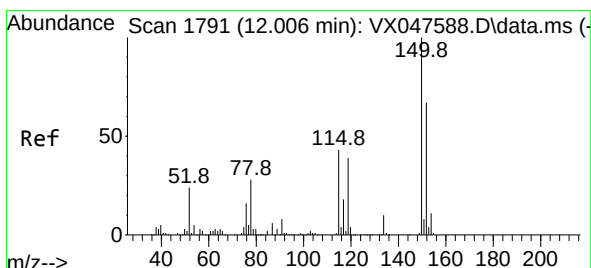
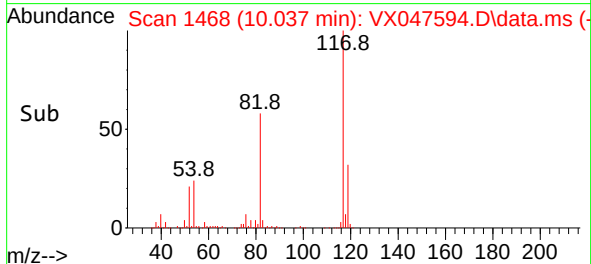
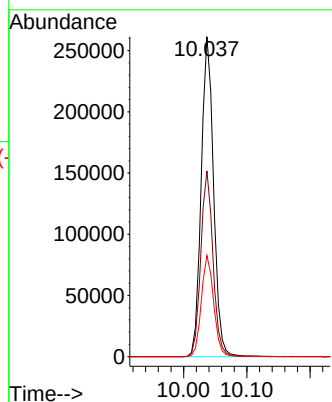
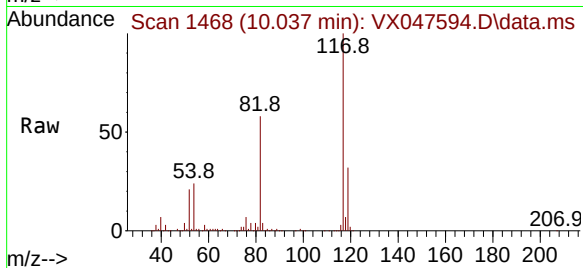




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047594.D
Acq: 16 Sep 2025 14:53

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBL01

Tgt Ion:117 Resp: 356396
Ion Ratio Lower Upper
117 100
82 58.1 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: VX047594.D
Acq: 16 Sep 2025 14:53

Tgt Ion:152 Resp: 185546
Ion Ratio Lower Upper
152 100
115 62.9 44.9 134.5
150 157.3 0.0 352.0

