

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091925\
 Data File : VX047661.D
 Acq On : 19 Sep 2025 09:50
 Operator : JC/MD
 Sample : VX0919MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0919MBL01

Quant Time: Sep 20 00:26:07 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	152349	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.744	114	313420	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.036	117	304437	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	149819	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	113448	46.782	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.560%
35) Dibromofluoromethane	5.367	113	94958	45.176	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.360%
50) Toluene-d8	8.628	98	339346	46.657	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.320%
62) 4-Bromofluorobenzene	11.061	95	140639	50.950	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.900%

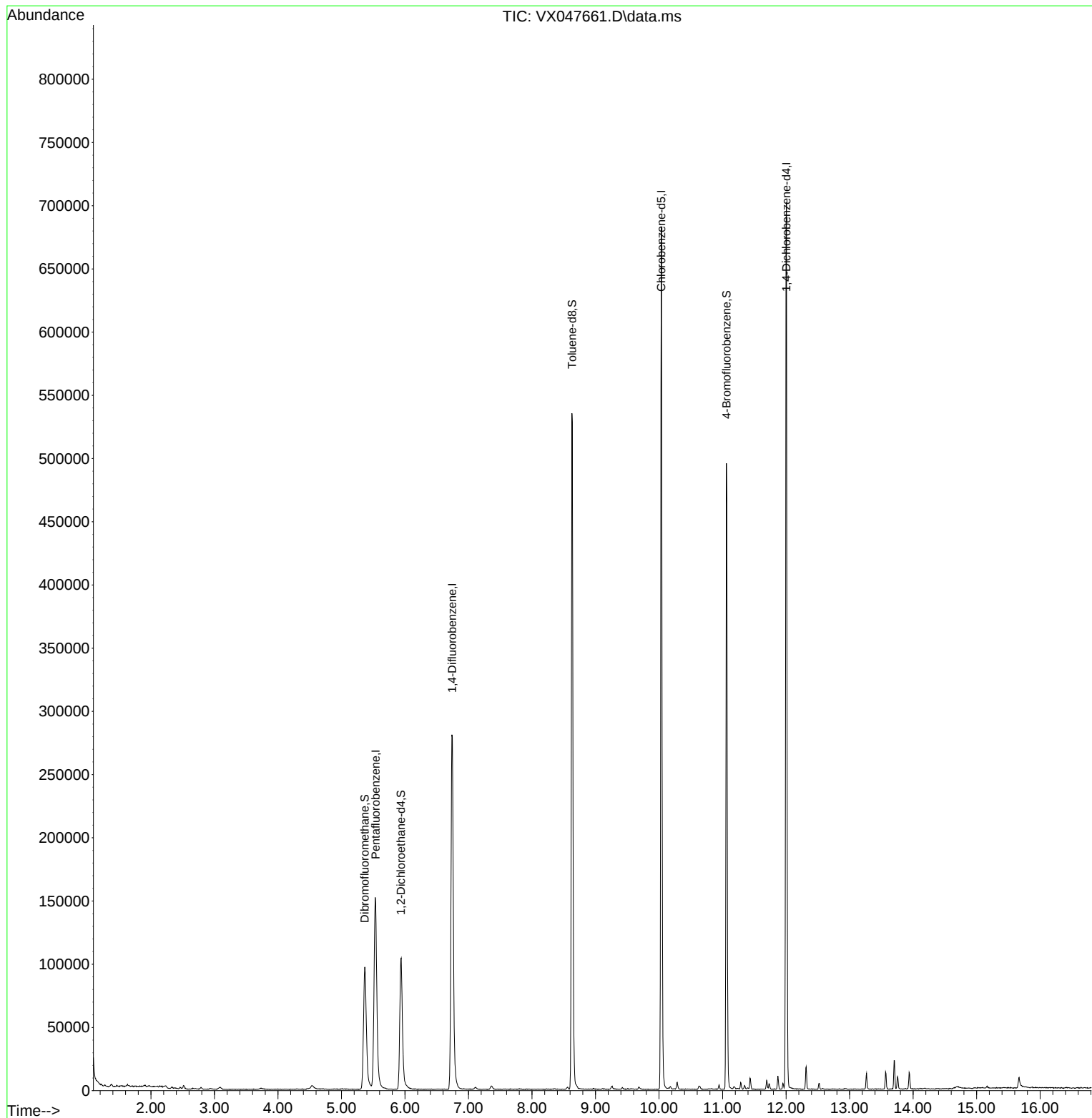
Target Compounds	Qvalue

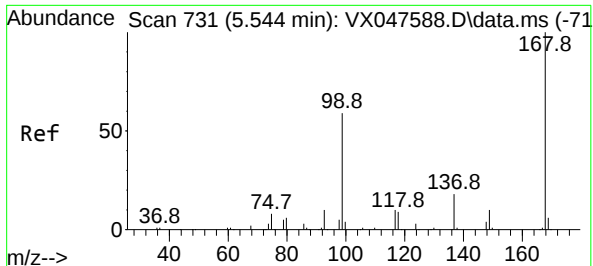
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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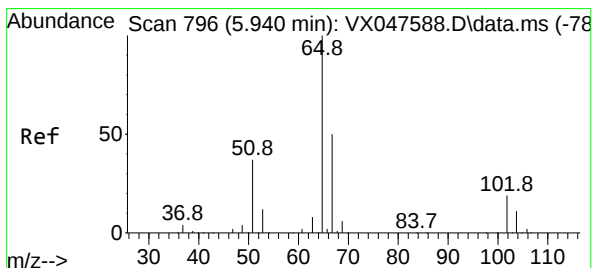
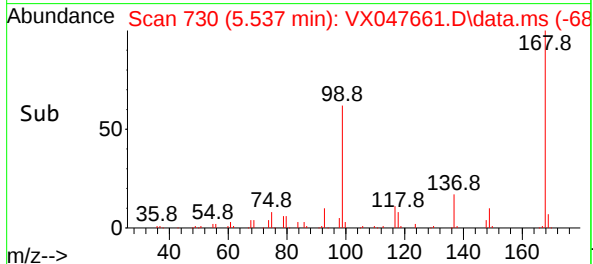
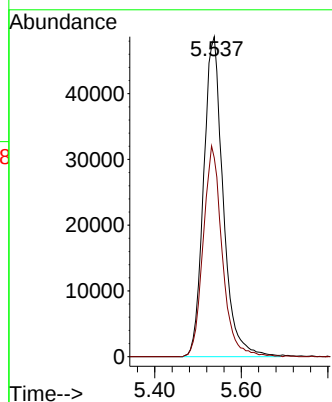
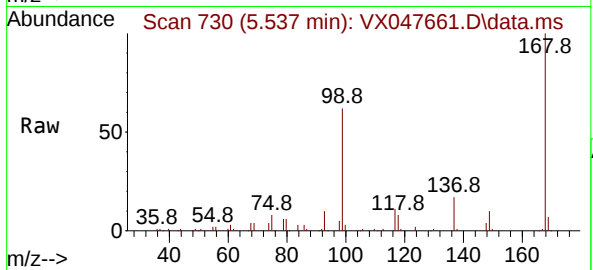




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 713
Delta R.T. -0.007 min
Lab File: VX047661.D
Acq: 19 Sep 2025 09:50

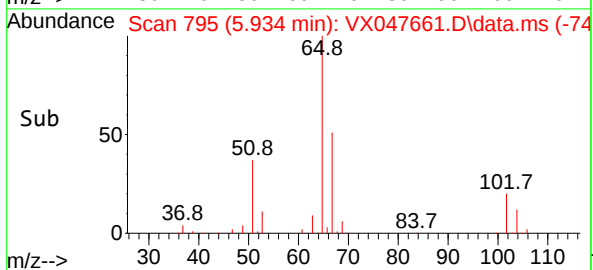
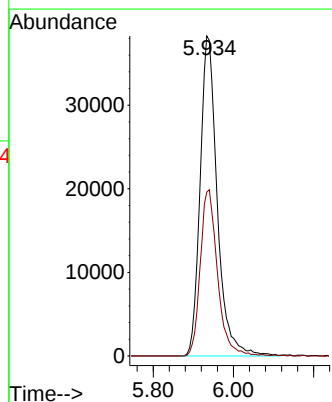
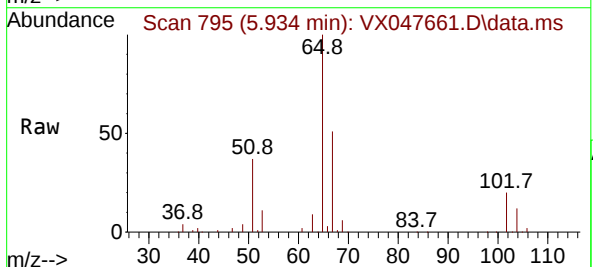
Instrument :
MSVOA_X
ClientSampleId :
VX0919MBL01

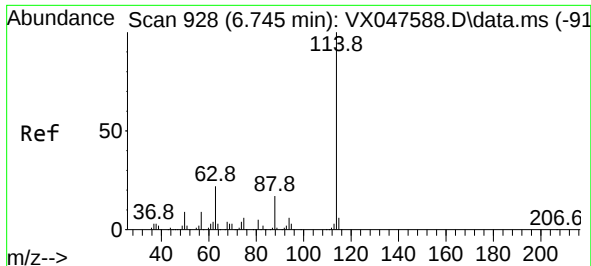
Tgt Ion:168 Resp: 152349
Ion Ratio Lower Upper
168 100
99 62.1 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 46.782 ug/l
RT: 5.934 min Scan# 795
Delta R.T. -0.007 min
Lab File: VX047661.D
Acq: 19 Sep 2025 09:50

Tgt Ion: 65 Resp: 113448
Ion Ratio Lower Upper
65 100
67 52.3 0.0 103.0

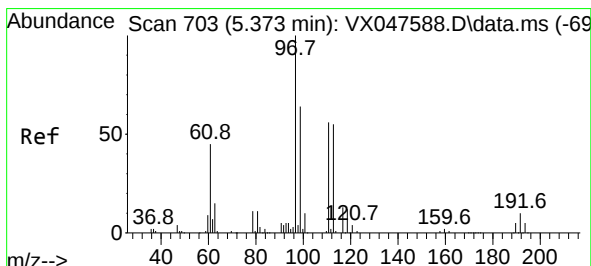
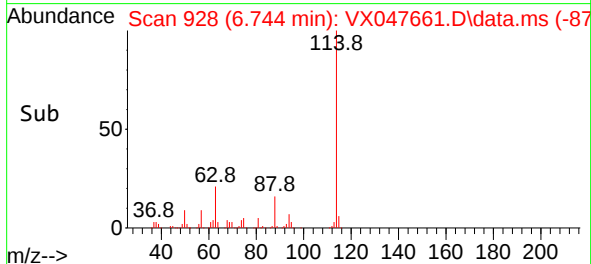
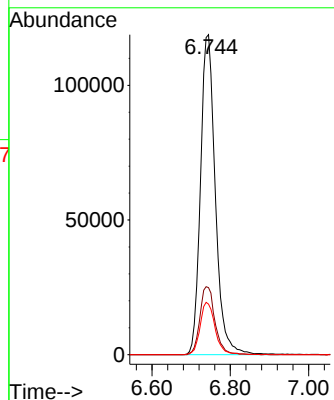
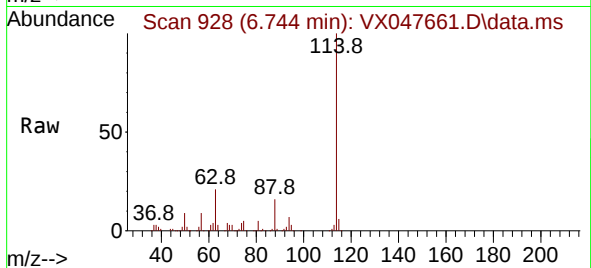




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.744 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX047661.D
Acq: 19 Sep 2025 09:50

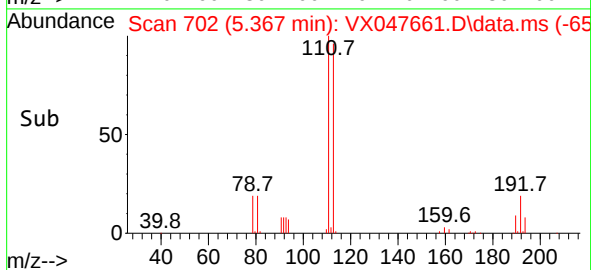
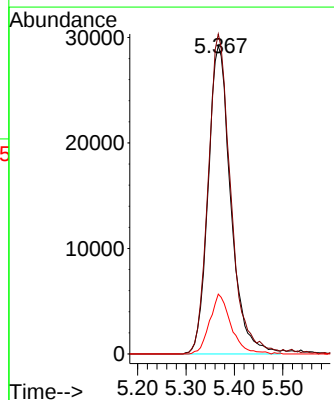
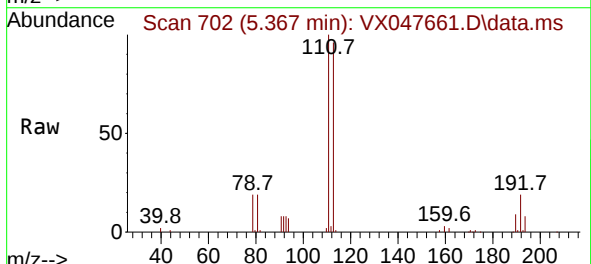
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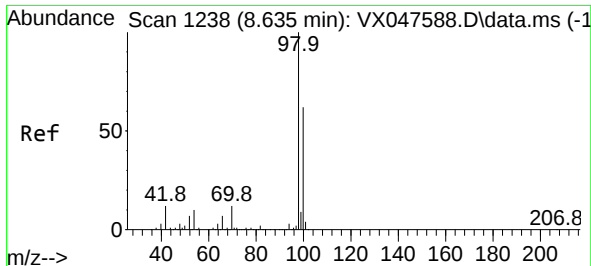
Tgt Ion:114 Resp: 313420
Ion Ratio Lower Upper
114 100
63 21.0 0.0 44.0
88 15.8 0.0 34.2



#35
Dibromofluoromethane
Concen: 45.176 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX047661.D
Acq: 19 Sep 2025 09:50

Tgt Ion:113 Resp: 94958
Ion Ratio Lower Upper
113 100
111 103.6 80.9 121.3
192 18.2 14.2 21.4

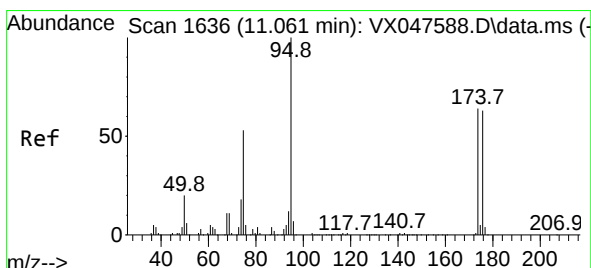
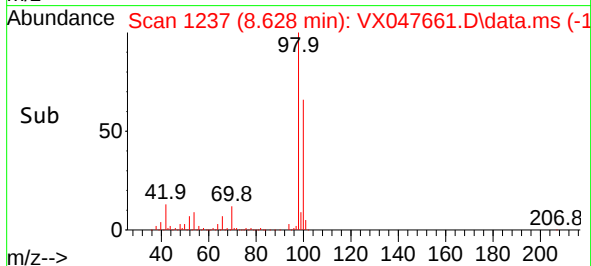
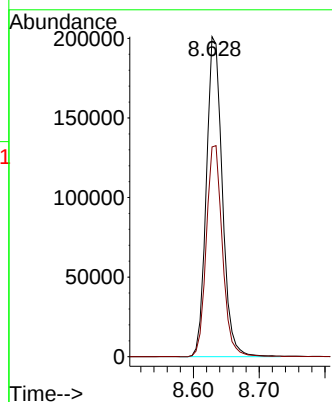
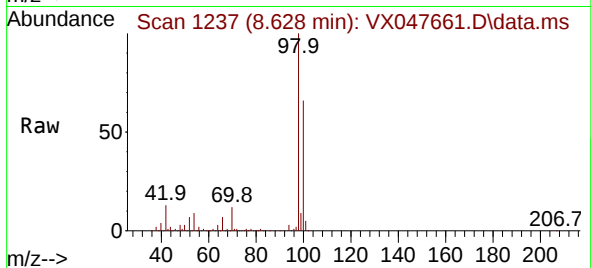




#50
Toluene-d8
Concen: 46.657 ug/l
RT: 8.628 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047661.D
Acq: 19 Sep 2025 09:50

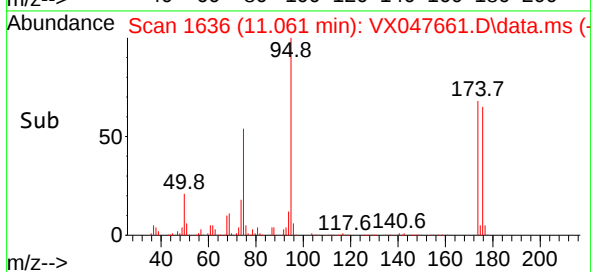
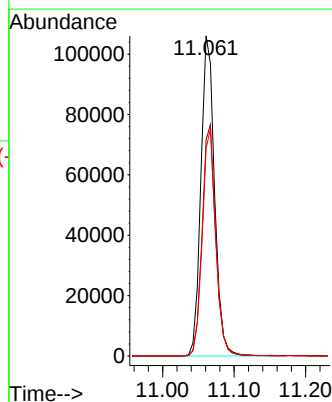
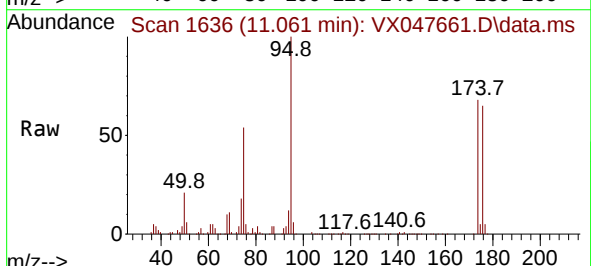
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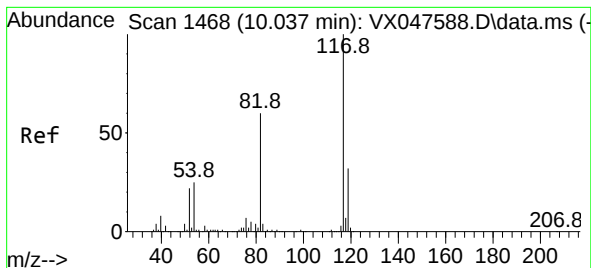
Tgt Ion: 98 Resp: 339346
Ion Ratio Lower Upper
98 100
100 66.7 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 50.950 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047661.D
Acq: 19 Sep 2025 09:50

Tgt Ion: 95 Resp: 140639
Ion Ratio Lower Upper
95 100
174 71.6 0.0 141.6
176 69.7 0.0 138.4

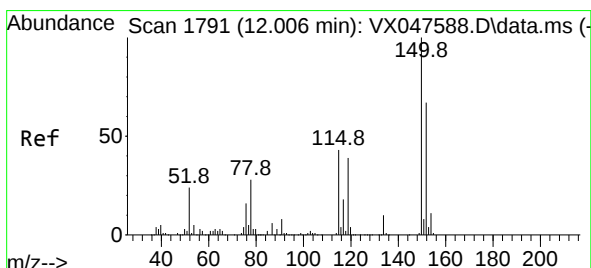
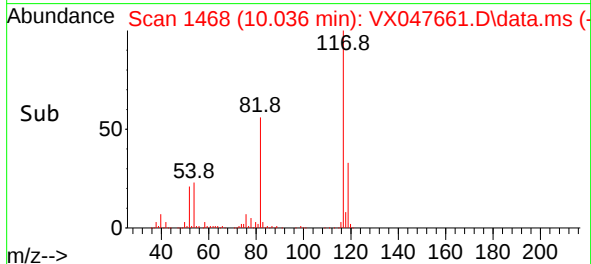
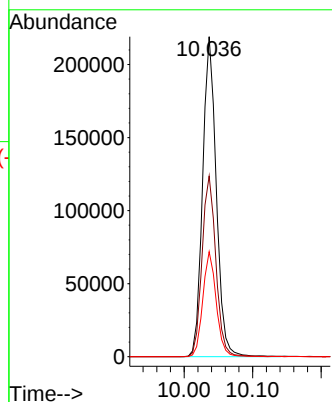
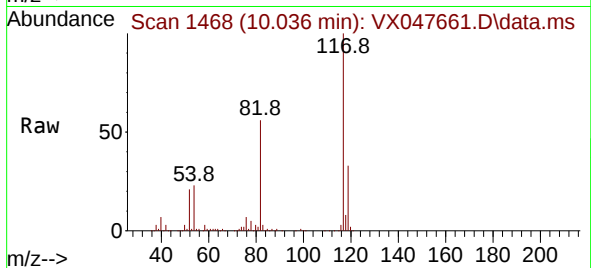




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.036 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047661.D
Acq: 19 Sep 2025 09:50

Instrument :
MSVOA_X
ClientSampleId :
VX0919MBL01

Tgt Ion:117 Resp: 304437
Ion Ratio Lower Upper
117 100
82 56.4 47.8 71.6
119 32.8 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: VX047661.D
Acq: 19 Sep 2025 09:50

Tgt Ion:152 Resp: 149819
Ion Ratio Lower Upper
152 100
115 63.2 44.9 134.5
150 157.7 0.0 352.0

