

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
 Data File : VX048206.D
 Acq On : 17 Oct 2025 12:54
 Operator : JC/MD
 Sample : VX1017MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017MBL01

Quant Time: Oct 18 00:16:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 18 00:06:31 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.537	168	81483	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	166025	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	177931	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	86757	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	65400	51.809	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.620%
35) Dibromofluoromethane	5.373	113	57562	49.956	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.920%
50) Toluene-d8	8.634	98	212870	51.280	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.560%
62) 4-Bromofluorobenzene	11.061	95	89164	58.973	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	117.940%

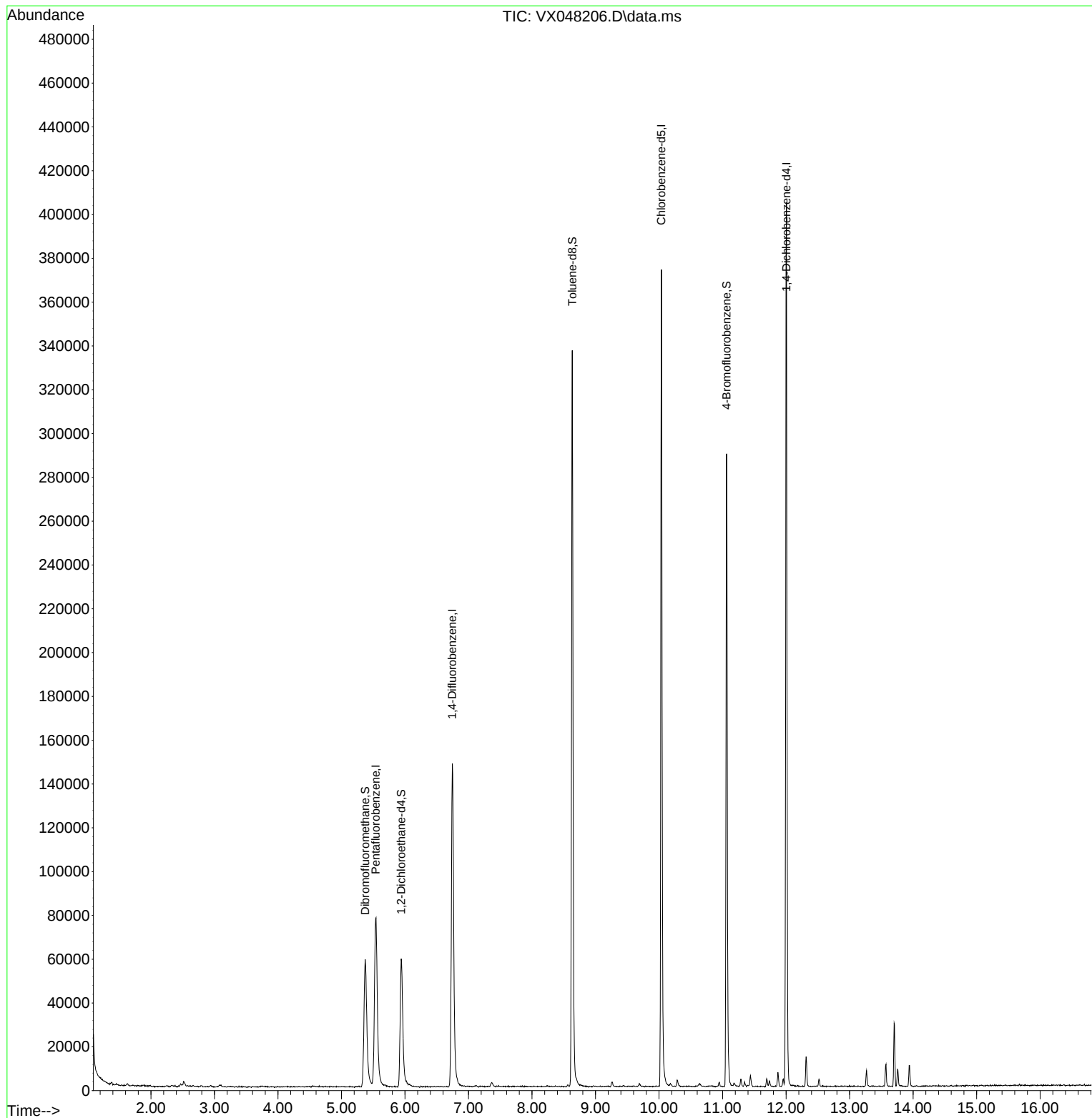
Target Compounds	Qvalue

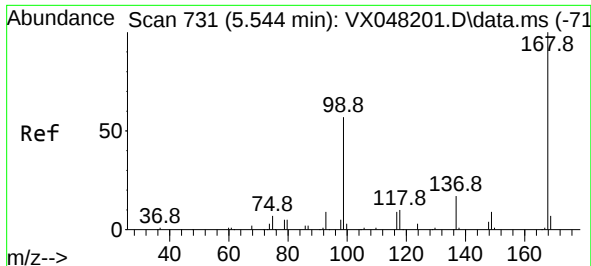
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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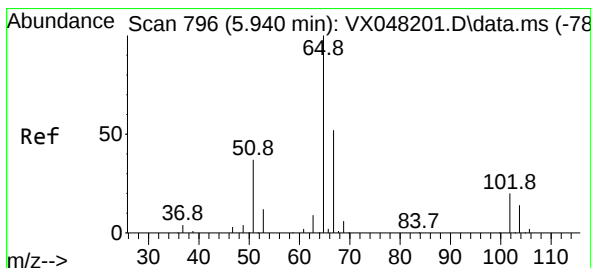
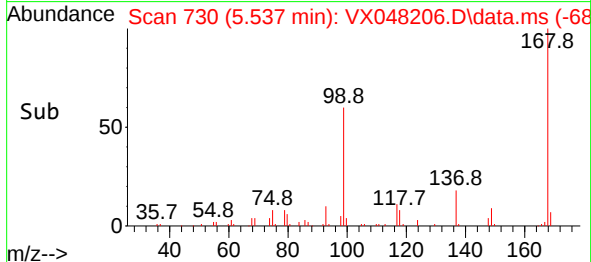
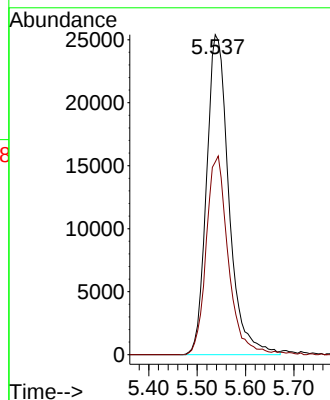
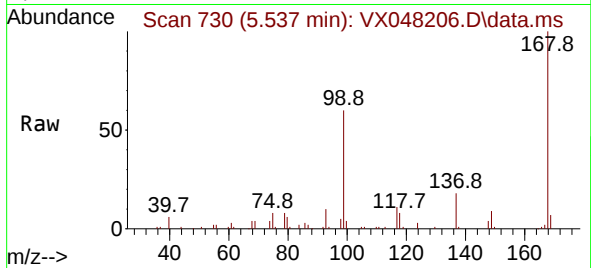




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 710
Delta R.T. -0.007 min
Lab File: VX048206.D
Acq: 17 Oct 2025 12:54

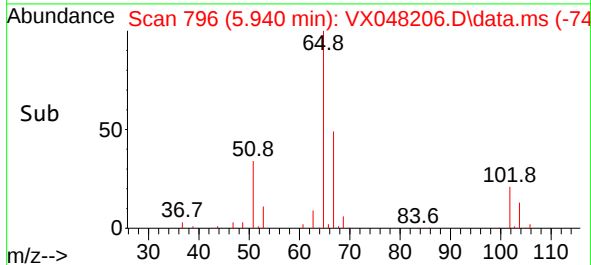
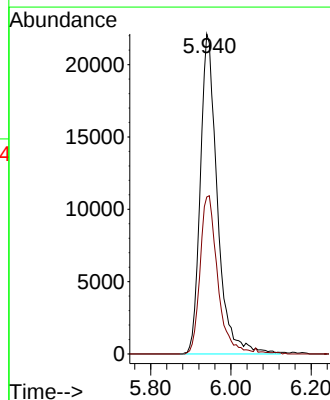
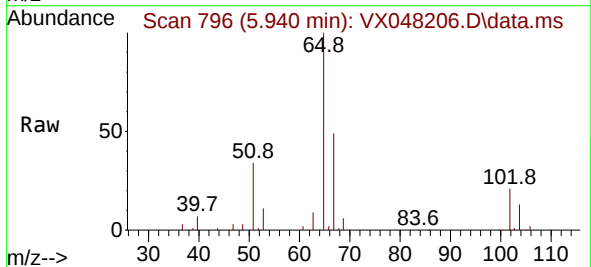
Instrument :
MSVOA_X
ClientSampleId :
VX1017MBL01

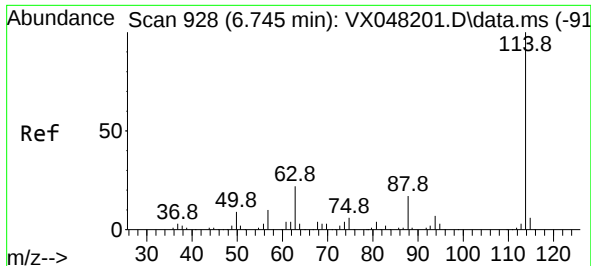
Tgt Ion:168 Resp: 81483
Ion Ratio Lower Upper
168 100
99 60.2 46.4 69.6



#33
1,2-Dichloroethane-d4
Concen: 51.809 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048206.D
Acq: 17 Oct 2025 12:54

Tgt Ion: 65 Resp: 65400
Ion Ratio Lower Upper
65 100
67 50.8 0.0 105.0

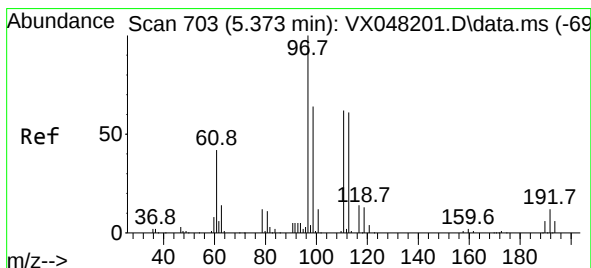
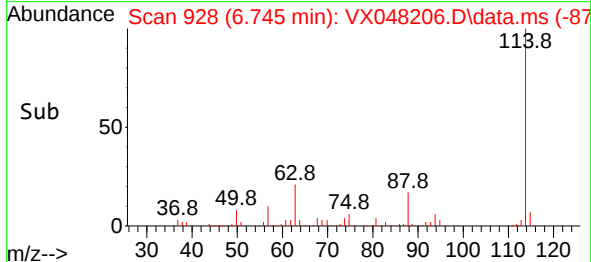
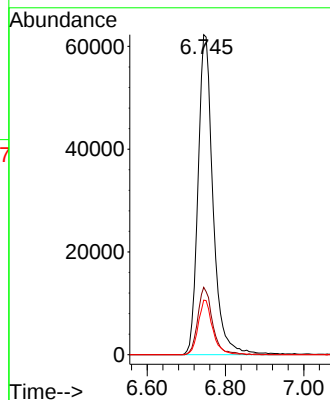
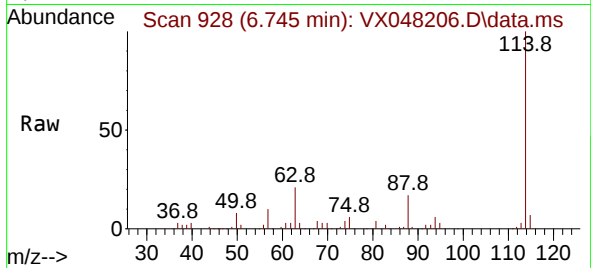




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048206.D
Acq: 17 Oct 2025 12:54

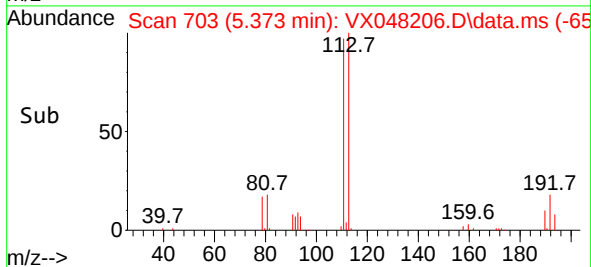
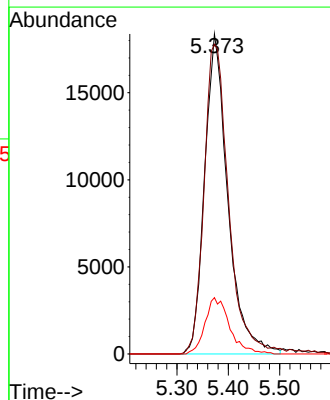
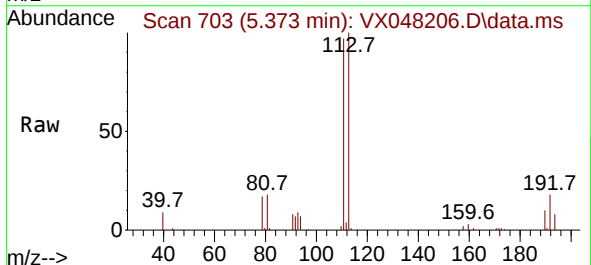
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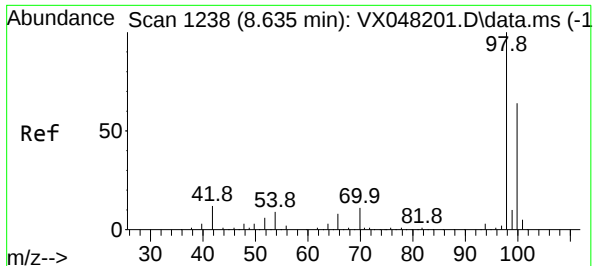
Tgt Ion:114 Resp: 166025
Ion Ratio Lower Upper
114 100
63 21.1 0.0 43.2
88 17.1 0.0 33.6



#35
Dibromofluoromethane
Concen: 49.956 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048206.D
Acq: 17 Oct 2025 12:54

Tgt Ion:113 Resp: 57562
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.4
192 18.7 15.1 22.7

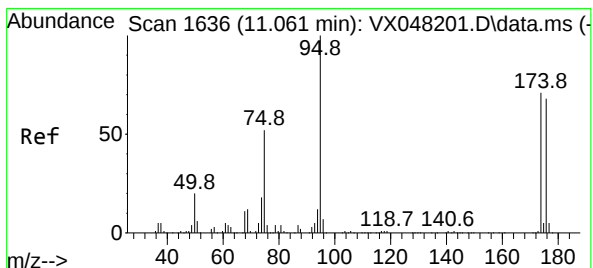
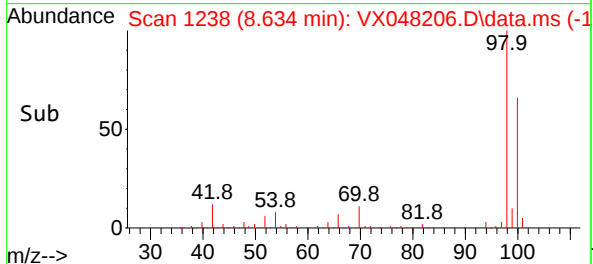
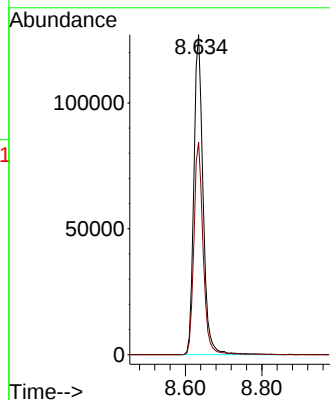
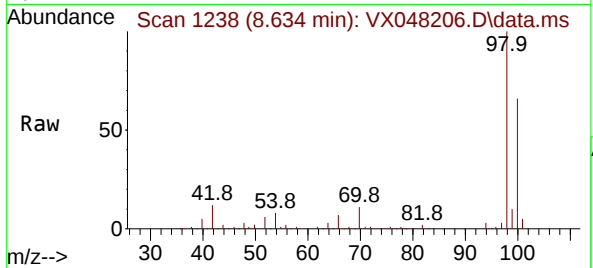




#50
Toluene-d8
Concen: 51.280 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048206.D
Acq: 17 Oct 2025 12:54

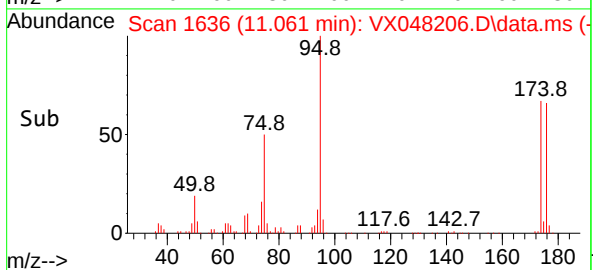
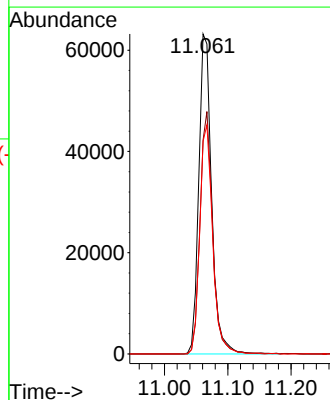
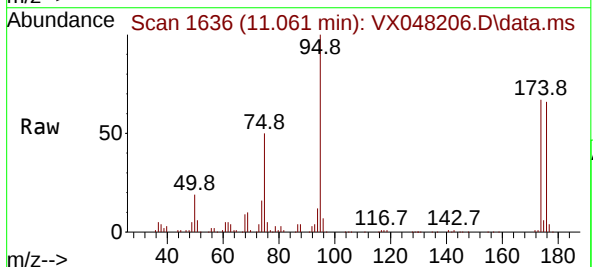
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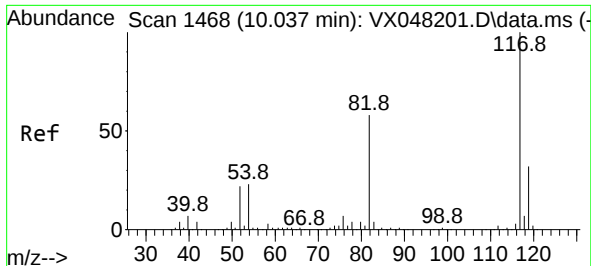
Tgt Ion: 98 Resp: 212870
Ion Ratio Lower Upper
98 100
100 65.9 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 58.973 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048206.D
Acq: 17 Oct 2025 12:54

Tgt Ion: 95 Resp: 89164
Ion Ratio Lower Upper
95 100
174 75.1 0.0 147.8
176 72.6 0.0 142.8

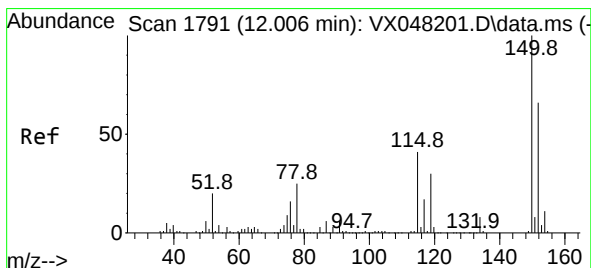
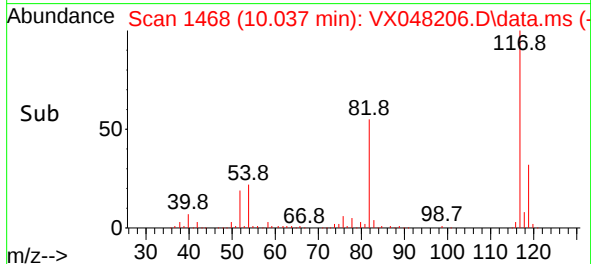
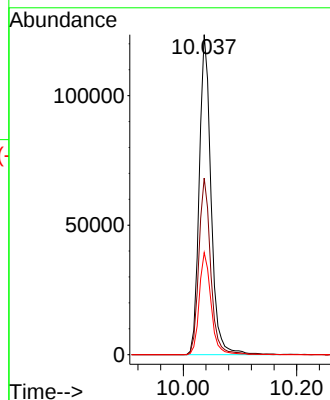
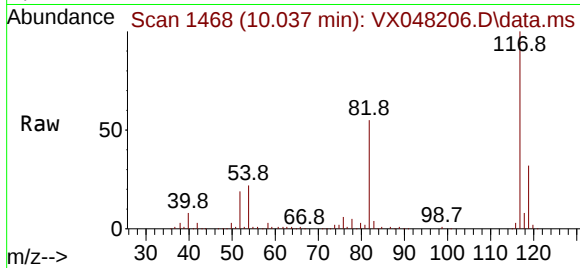




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048206.D
Acq: 17 Oct 2025 12:54

Instrument :
MSVOA_X
ClientSampleId :
VX1017MBL01

Tgt Ion:117 Resp: 177931
Ion Ratio Lower Upper
117 100
82 55.2 46.5 69.7
119 31.9 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048206.D
Acq: 17 Oct 2025 12:54

Tgt Ion:152 Resp: 86757
Ion Ratio Lower Upper
152 100
115 62.8 43.1 129.4
150 158.2 0.0 353.0

