

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
 Data File : VX047593.D
 Acq On : 16 Sep 2025 14:03
 Operator : JC/MD
 Sample : VX0916MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916MBL01

Quant Time: Sep 17 06:48:43 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	133117	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	268042	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	260832	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	128834	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	113017	53.338	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	106.680%
35) Dibromofluoromethane	5.367	113	91020	50.633	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.260%
50) Toluene-d8	8.629	98	326402	52.475	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	104.940%
62) 4-Bromofluorobenzene	11.061	95	139939	59.279	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	118.560%

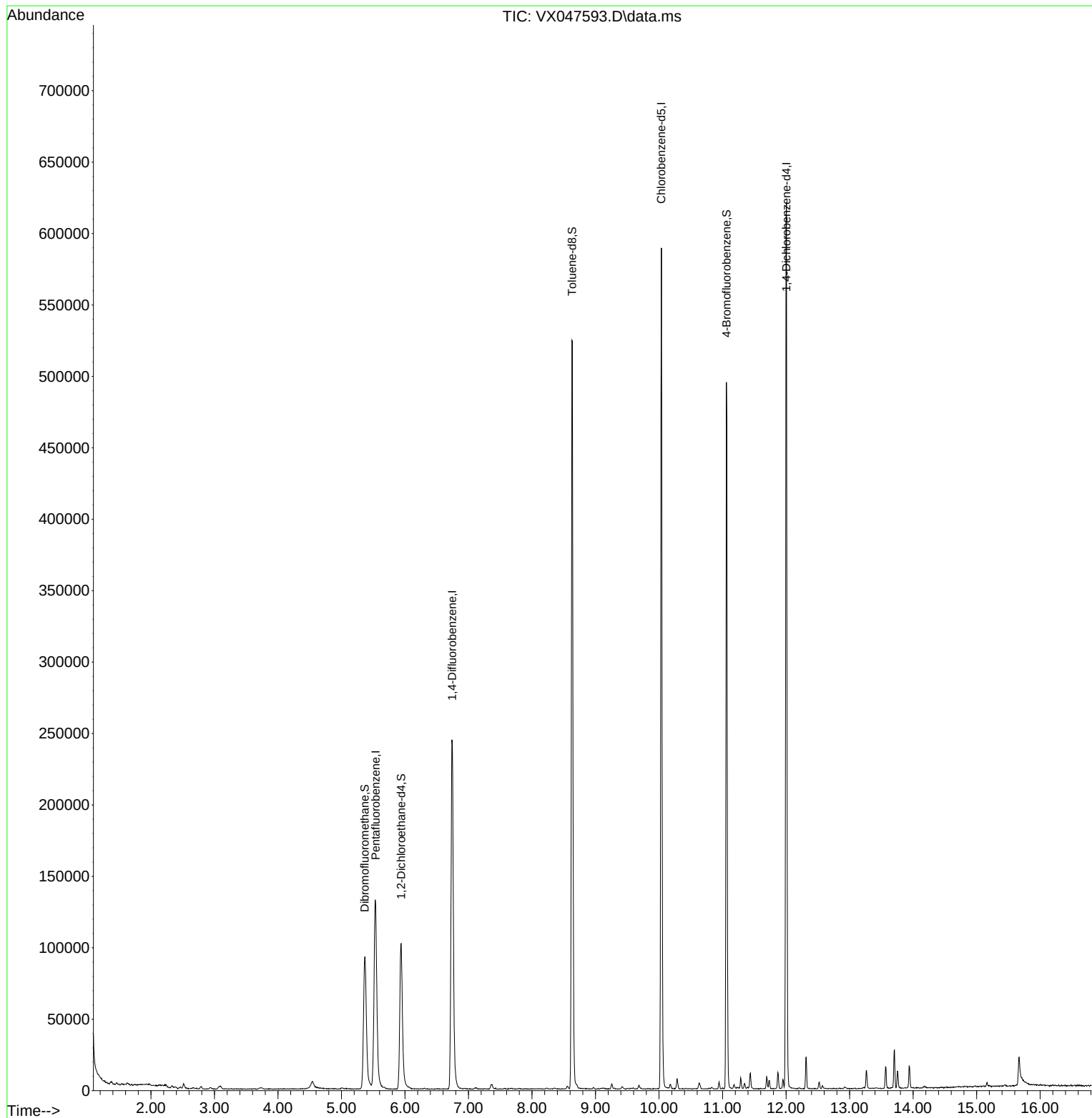
Target Compounds	Qvalue

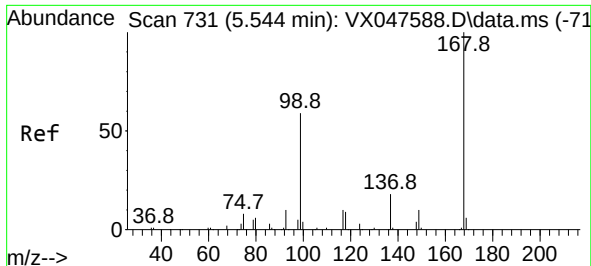
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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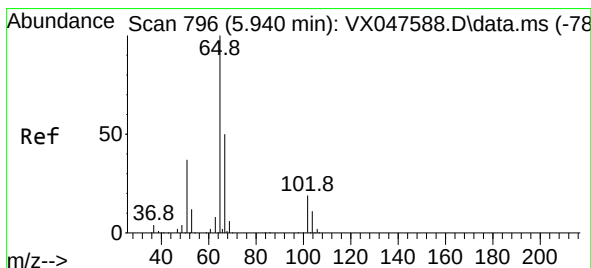
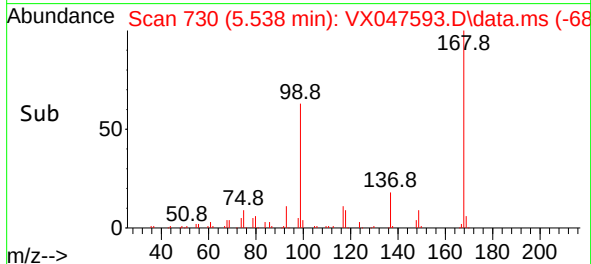
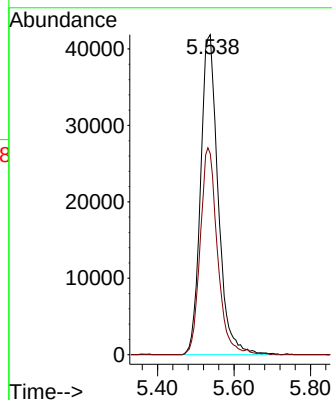
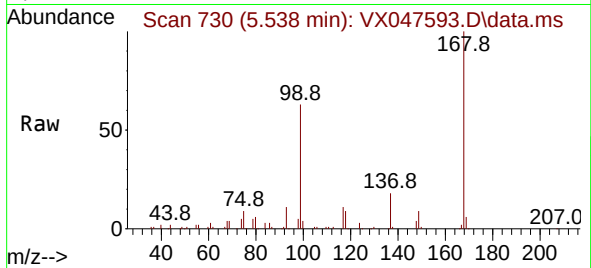




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 713
Delta R.T. -0.006 min
Lab File: VX047593.D
Acq: 16 Sep 2025 14:03

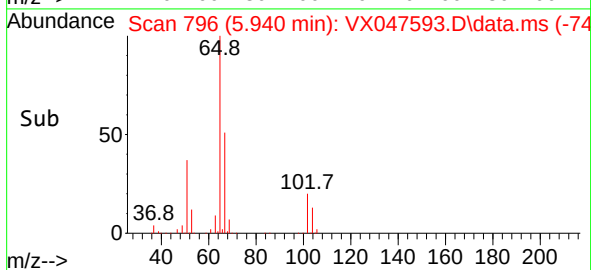
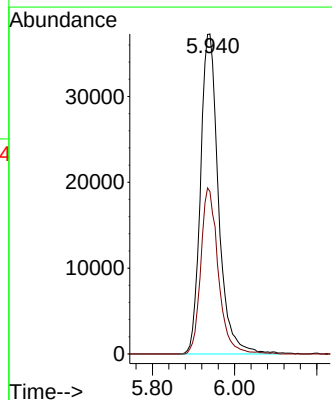
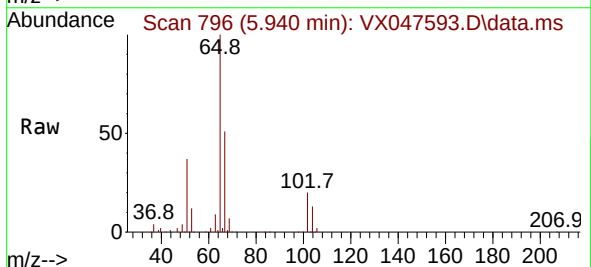
Instrument :
MSVOA_X
ClientSampleId :
VX0916MBL01

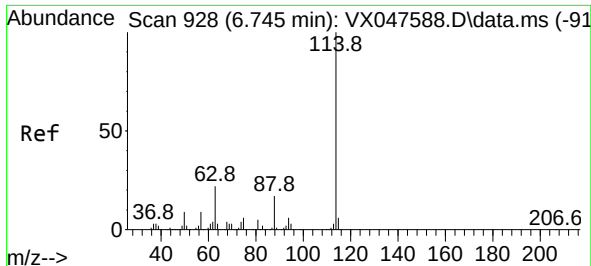
Tgt Ion:168 Resp: 133117
Ion Ratio Lower Upper
168 100
99 62.8 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 53.338 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX047593.D
Acq: 16 Sep 2025 14:03

Tgt Ion: 65 Resp: 113017
Ion Ratio Lower Upper
65 100
67 50.5 0.0 103.0

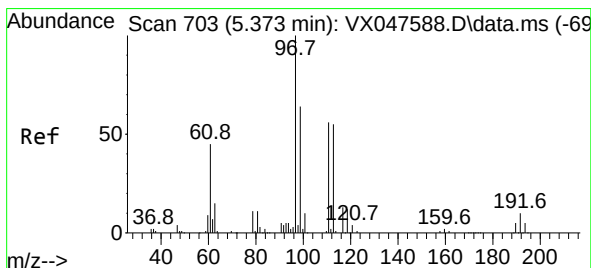
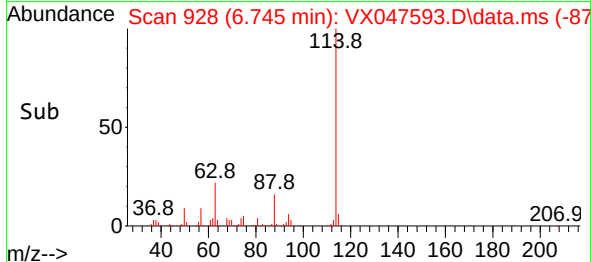
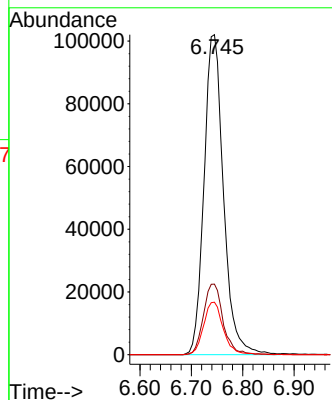
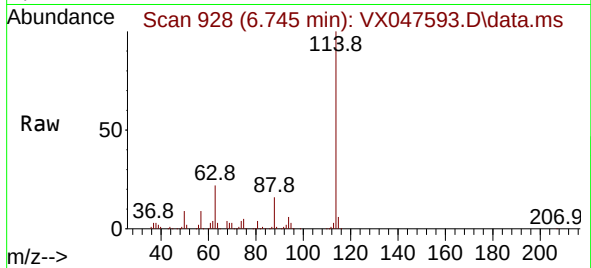




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX047593.D
Acq: 16 Sep 2025 14:03

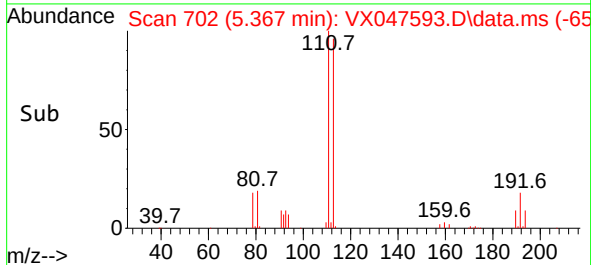
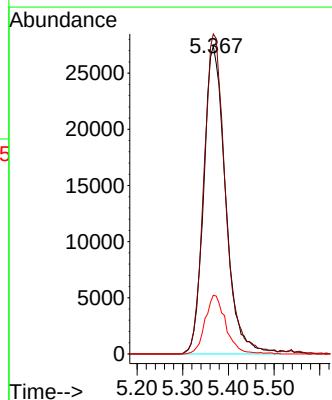
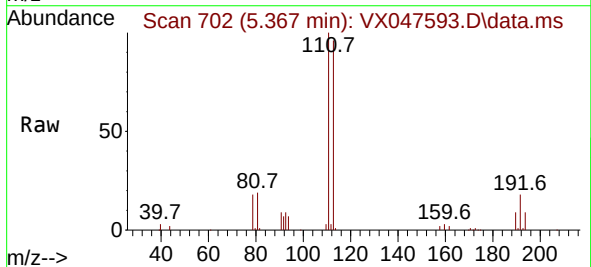
Instrument :
MSVOA_X
ClientSampleId :
VX0916MBL01

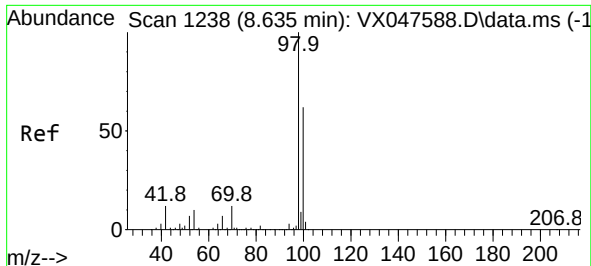
Tgt Ion:114 Resp: 268042
Ion Ratio Lower Upper
114 100
63 22.1 0.0 44.0
88 16.4 0.0 34.2



#35
Dibromofluoromethane
Concen: 50.633 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX047593.D
Acq: 16 Sep 2025 14:03

Tgt Ion:113 Resp: 91020
Ion Ratio Lower Upper
113 100
111 102.7 80.9 121.3
192 18.2 14.2 21.4

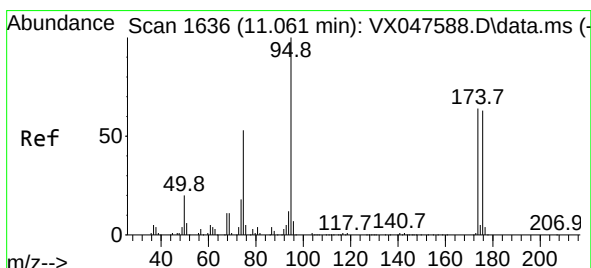
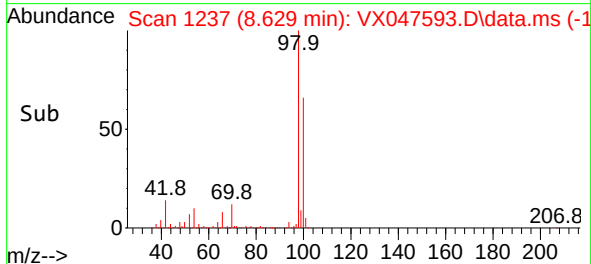
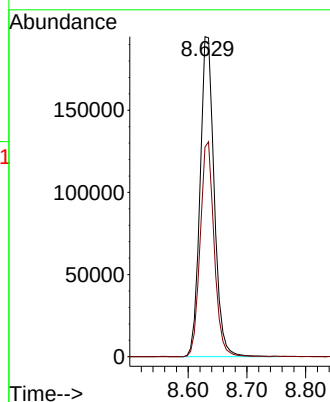
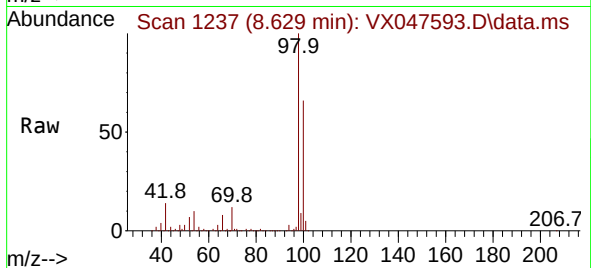




#50
Toluene-d8
Concen: 52.475 ug/l
RT: 8.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047593.D
Acq: 16 Sep 2025 14:03

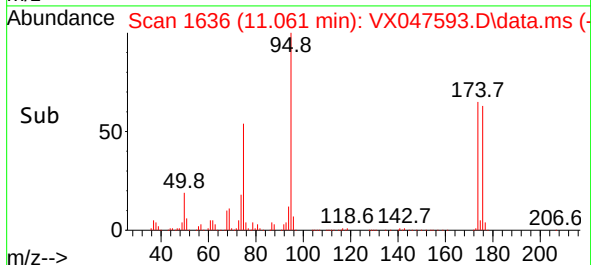
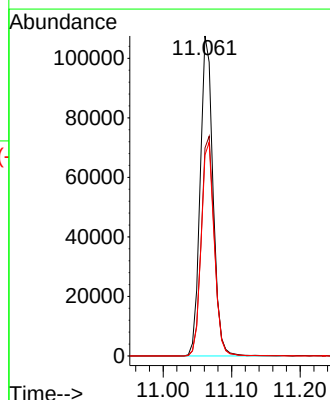
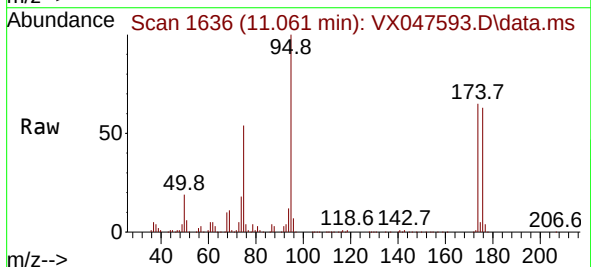
Instrument :
MSVOA_X
ClientSampleId :
VX0916MBL01

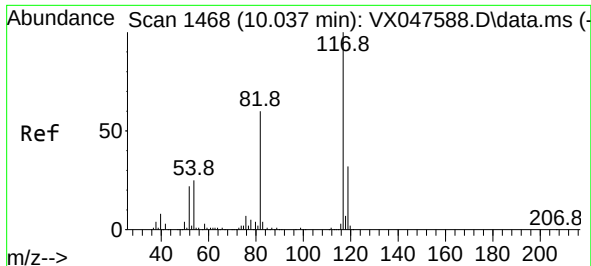
Tgt Ion: 98 Resp: 326402
Ion Ratio Lower Upper
98 100
100 66.4 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 59.279 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047593.D
Acq: 16 Sep 2025 14:03

Tgt Ion: 95 Resp: 139939
Ion Ratio Lower Upper
95 100
174 70.0 0.0 141.6
176 68.1 0.0 138.4

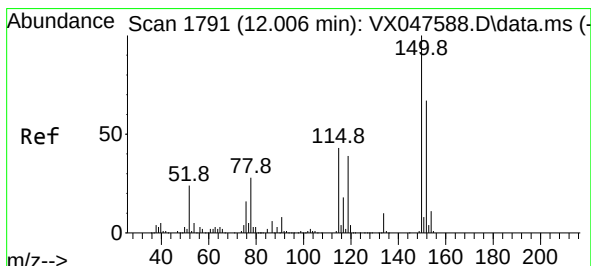
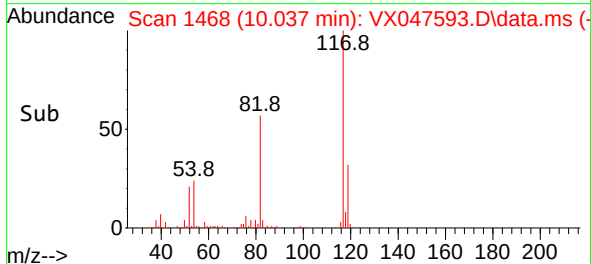
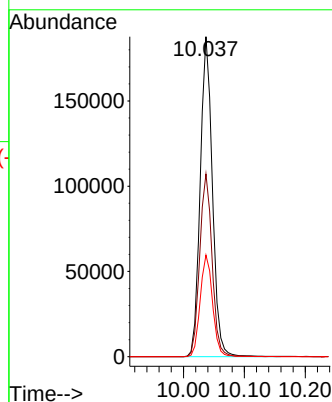
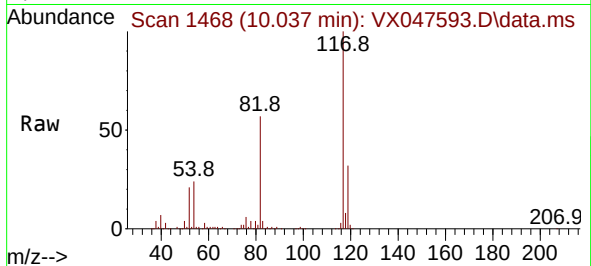




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047593.D
Acq: 16 Sep 2025 14:03

Instrument :
MSVOA_X
ClientSampleId :
VX0916MBL01

Tgt Ion:117 Resp: 260832
Ion Ratio Lower Upper
117 100
82 57.1 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: VX047593.D
Acq: 16 Sep 2025 14:03

Tgt Ion:152 Resp: 128834
Ion Ratio Lower Upper
152 100
115 64.2 44.9 134.5
150 158.1 0.0 352.0

