

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100325\
 Data File : VX047982.D
 Acq On : 03 Oct 2025 09:56
 Operator : JC/MD
 Sample : VX1003MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003MBL01

Quant Time: Oct 03 23:41:58 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	5.544	168	103972	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	210793	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	219792	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	103796	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	90461	54.660	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	109.320%
35) Dibromofluoromethane	5.373	113	76170	53.880	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.760%
50) Toluene-d8	8.634	98	263393	53.845	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	107.700%
62) 4-Bromofluorobenzene	11.067	95	111278	59.941	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	119.880%

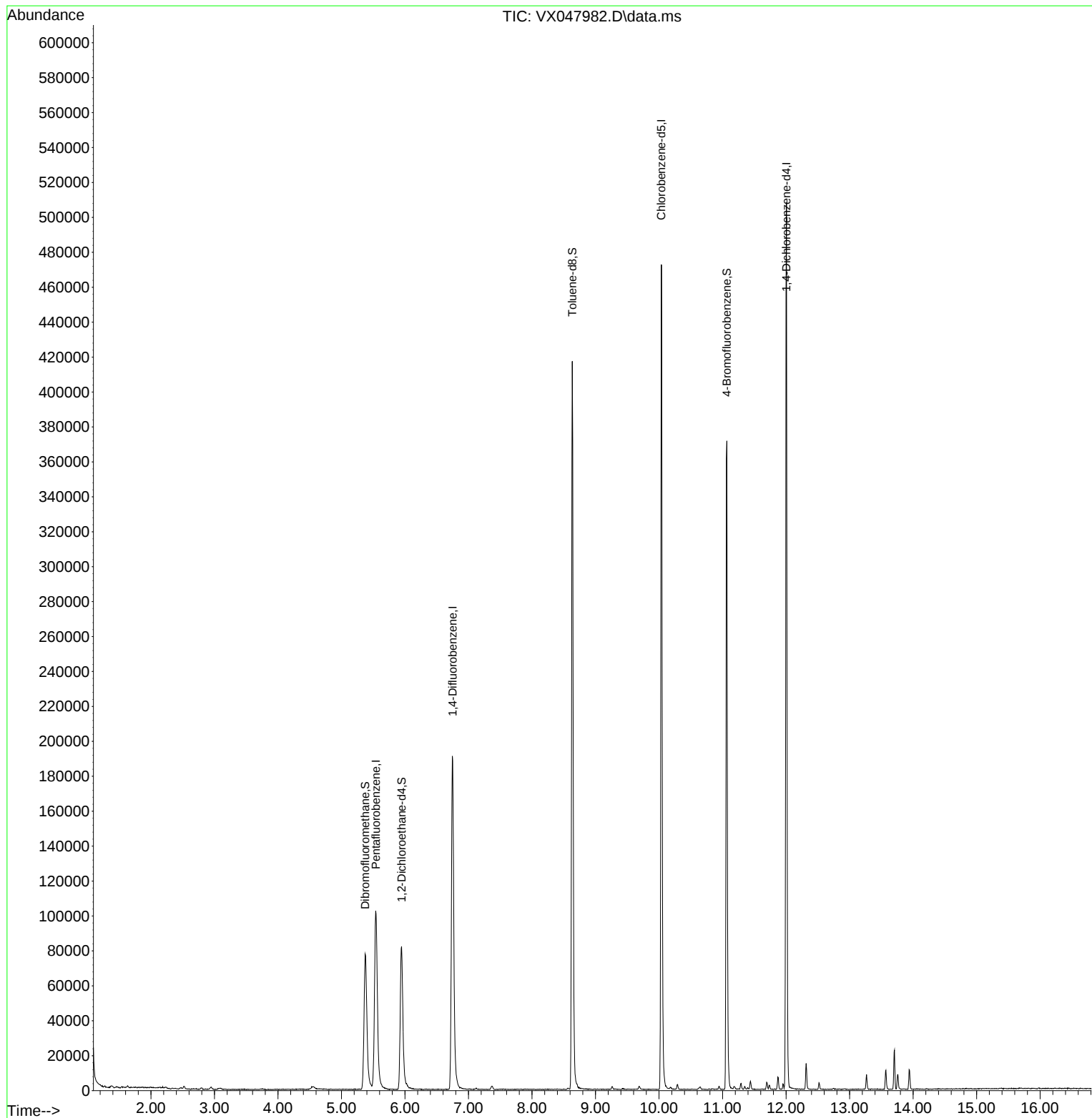
Target Compounds	Qvalue

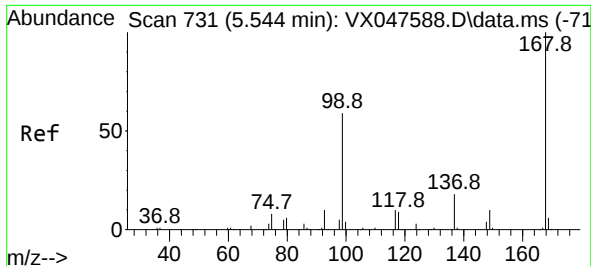
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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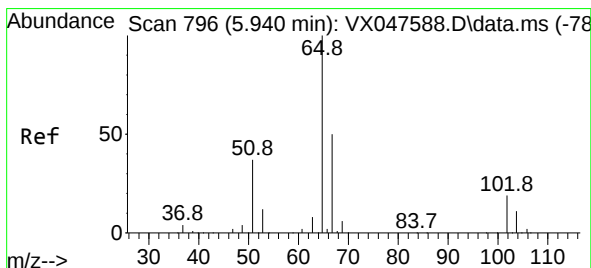
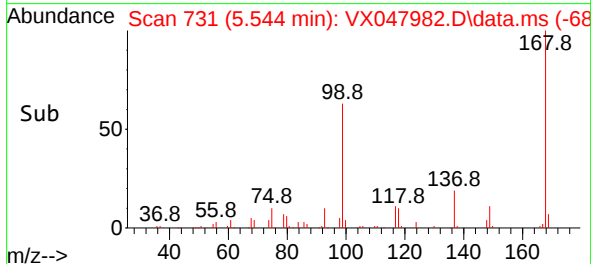
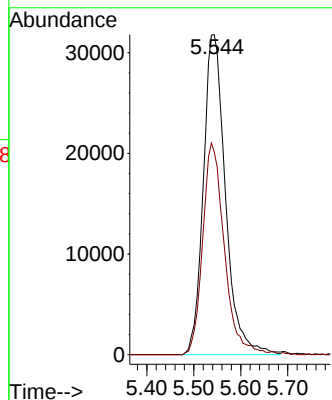
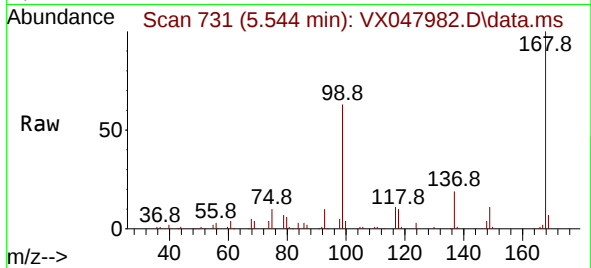




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047982.D
Acq: 03 Oct 2025 09:56

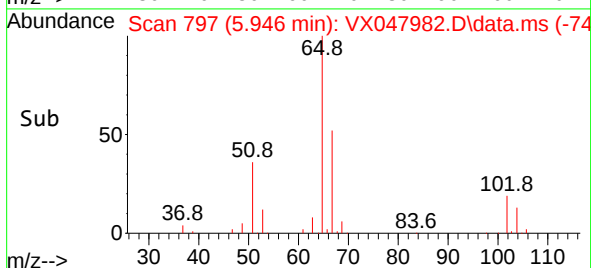
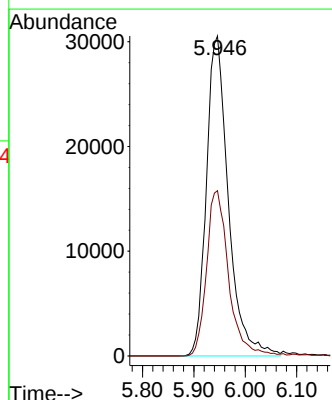
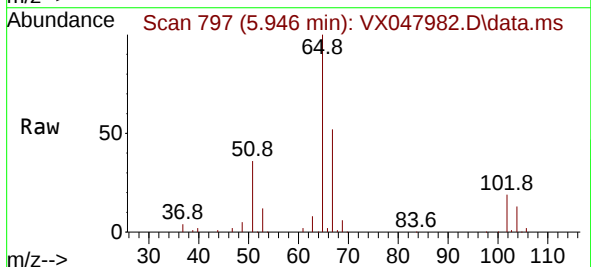
Instrument :
MSVOA_X
ClientSampleId :
VX1003MBL01

Tgt Ion:168 Resp: 103972
Ion Ratio Lower Upper
168 100
99 63.3 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 54.660 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX047982.D
Acq: 03 Oct 2025 09:56

Tgt Ion: 65 Resp: 90461
Ion Ratio Lower Upper
65 100
67 52.0 0.0 103.0

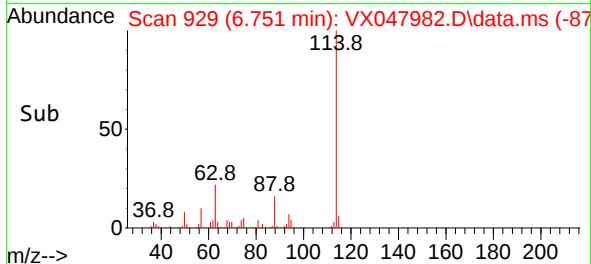
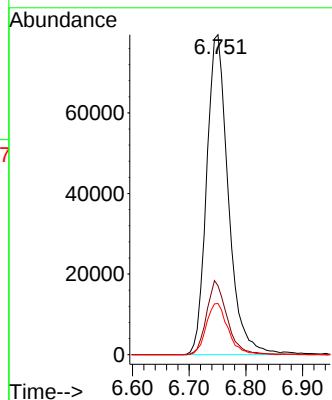
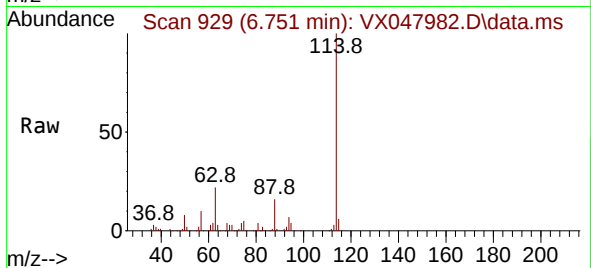




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047982.D
Acq: 03 Oct 2025 09:56

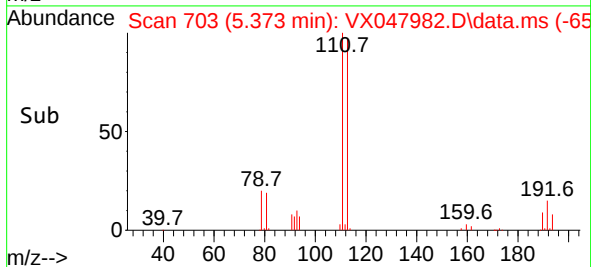
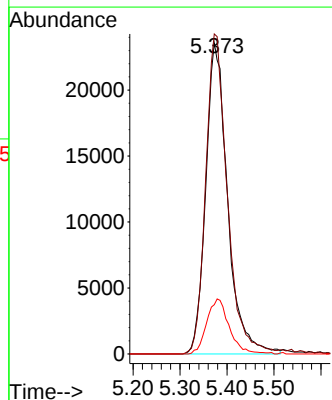
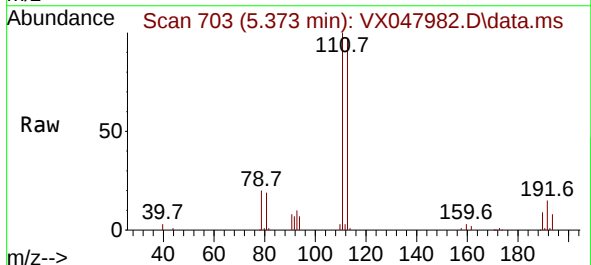
Instrument :
MSVOA_X
ClientSampleId :
VX1003MBL01

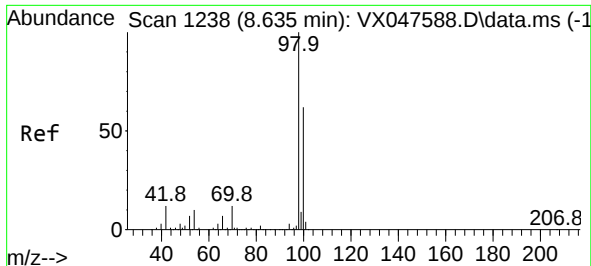
Tgt Ion:114 Resp: 210793
Ion Ratio Lower Upper
114 100
63 21.5 0.0 44.0
88 16.0 0.0 34.2



#35
Dibromofluoromethane
Concen: 53.880 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047982.D
Acq: 03 Oct 2025 09:56

Tgt Ion:113 Resp: 76170
Ion Ratio Lower Upper
113 100
111 101.6 80.9 121.3
192 18.2 14.2 21.4

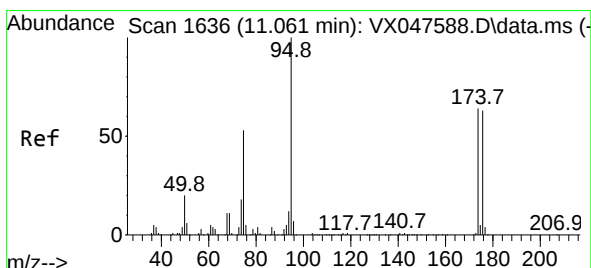
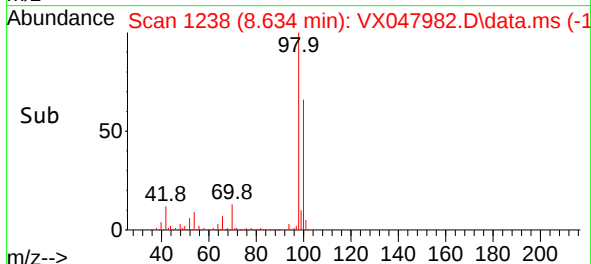
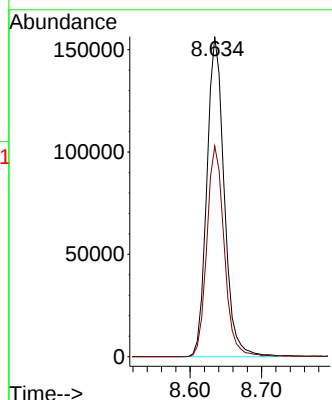
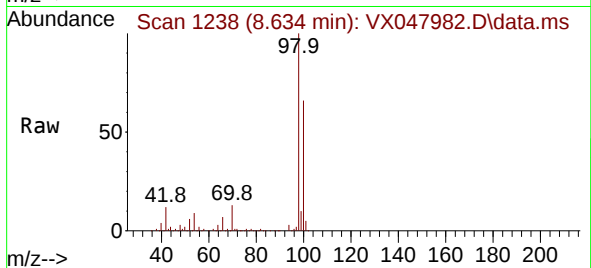




#50
Toluene-d8
Concen: 53.845 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047982.D
Acq: 03 Oct 2025 09:56

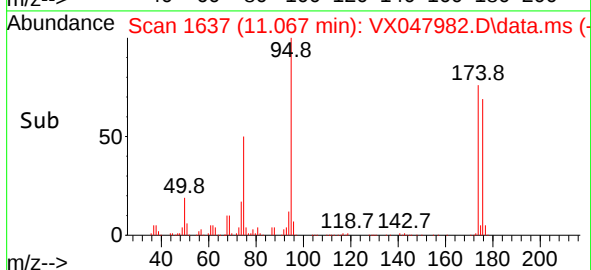
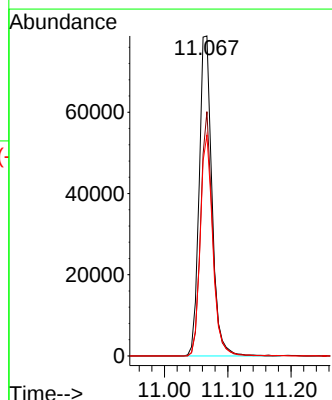
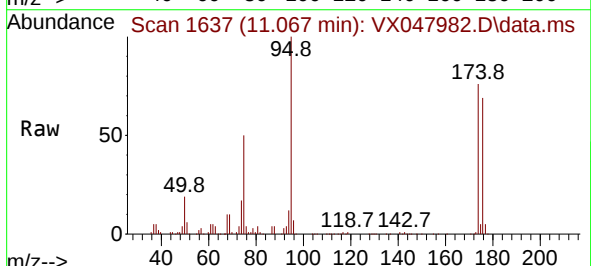
Instrument :
MSVOA_X
ClientSampleId :
VX1003MBL01

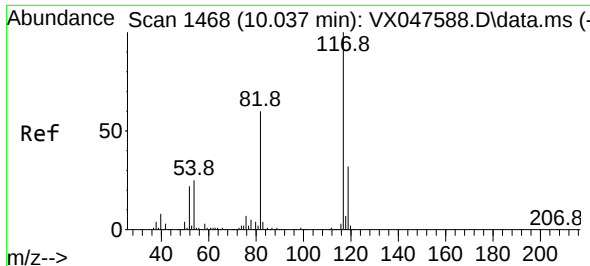
Tgt Ion: 98 Resp: 263393
Ion Ratio Lower Upper
98 100
100 66.0 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 59.941 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047982.D
Acq: 03 Oct 2025 09:56

Tgt Ion: 95 Resp: 111278
Ion Ratio Lower Upper
95 100
174 71.3 0.0 141.6
176 67.5 0.0 138.4

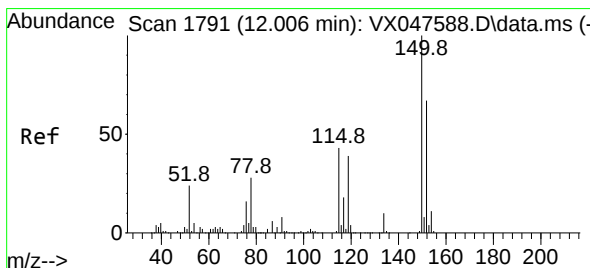
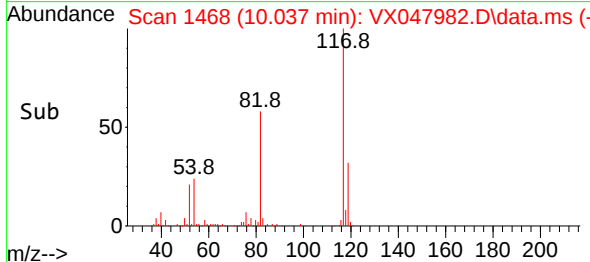
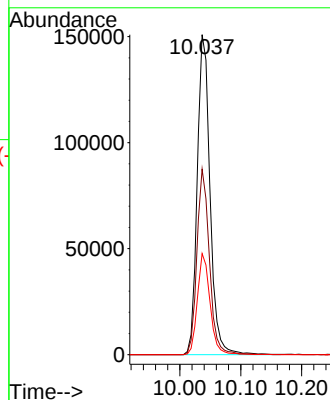
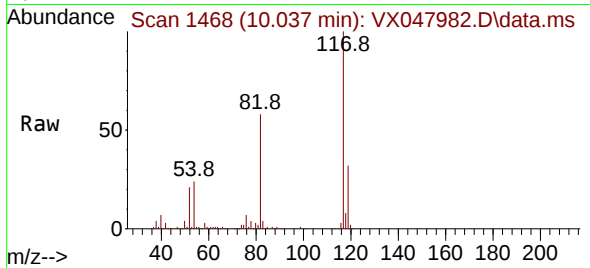




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047982.D
Acq: 03 Oct 2025 09:56

Instrument :
MSVOA_X
ClientSampleId :
VX1003MBL01

Tgt Ion:117 Resp: 219792
Ion Ratio Lower Upper
117 100
82 58.0 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: VX047982.D
Acq: 03 Oct 2025 09:56

Tgt Ion:152 Resp: 103796
Ion Ratio Lower Upper
152 100
115 63.2 44.9 134.5
150 158.4 0.0 352.0

