

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071625\
 Data File : VX047018.D
 Acq On : 16 Jul 2025 10:34
 Operator : JC/MD
 Sample : VX0716WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0716WBL01

Quant Time: Jul 17 03:27:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	324808	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	553162	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	506524	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	262675	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	230017	53.604	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	107.200%
35) Dibromofluoromethane	5.397	113	185750	49.469	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.940%
50) Toluene-d8	8.653	98	637073	48.088	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.180%
62) 4-Bromofluorobenzene	11.079	95	264318	52.496	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.000%

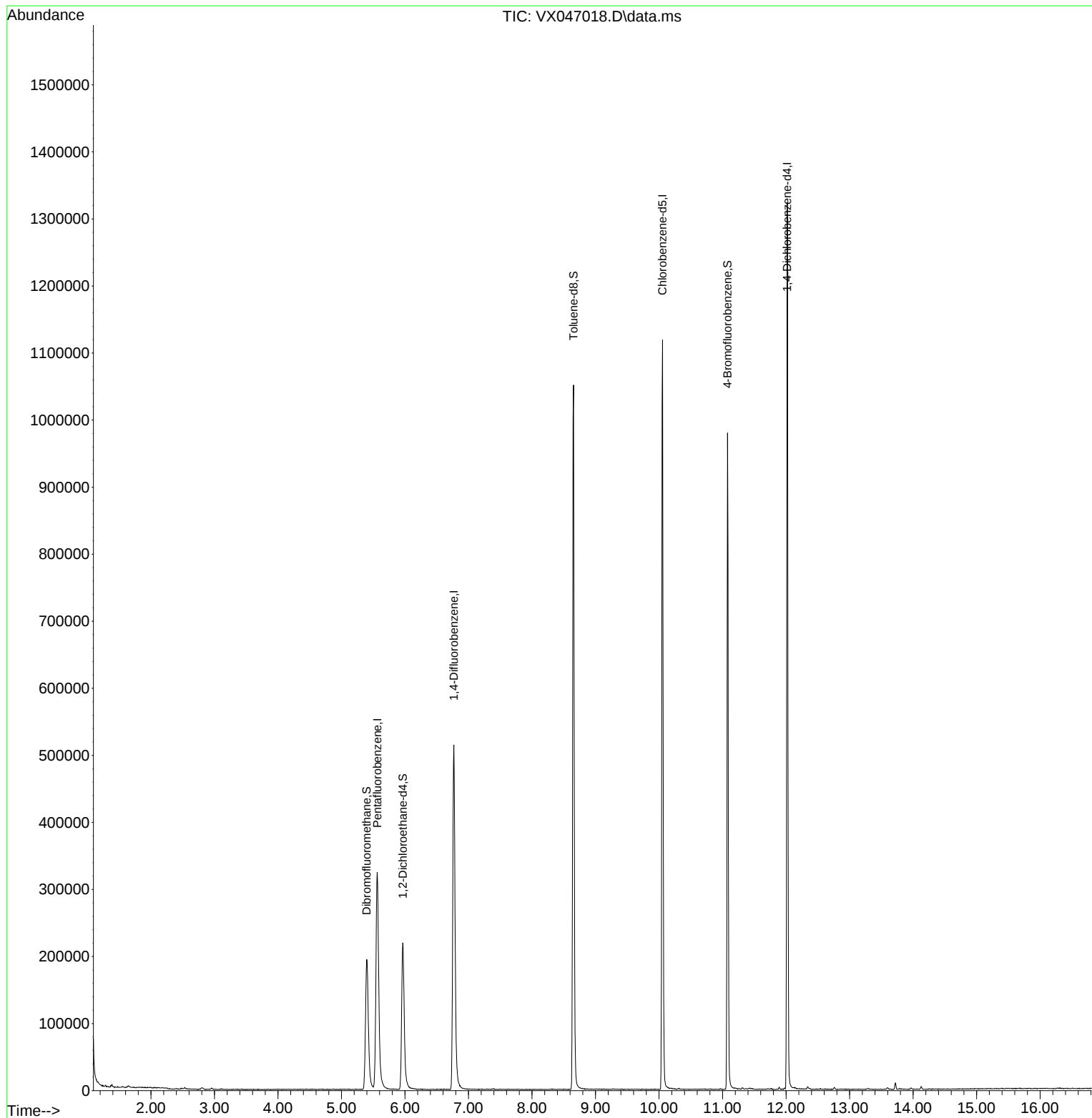
Target Compounds	Qvalue

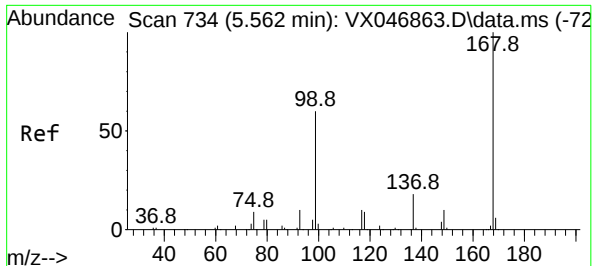
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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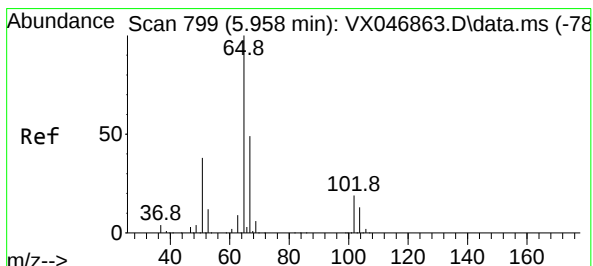
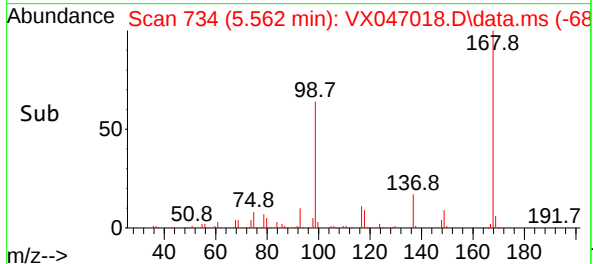
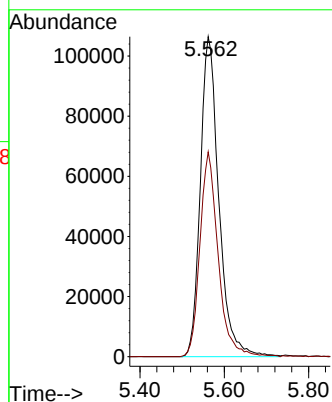
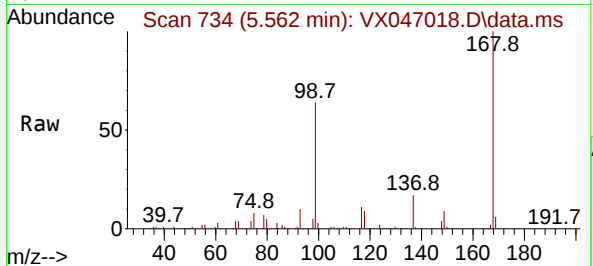




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047018.D
Acq: 16 Jul 2025 10:34

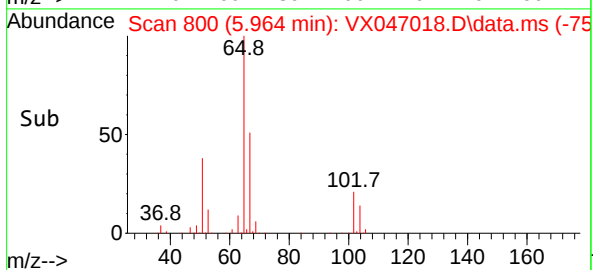
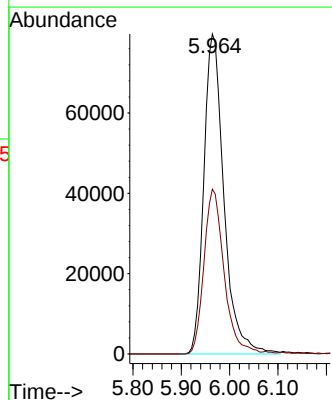
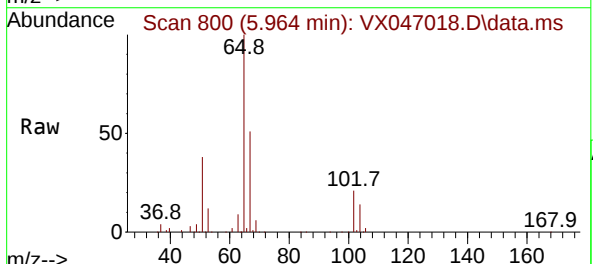
Instrument :
MSVOA_X
ClientSampleId :
VX0716WBL01

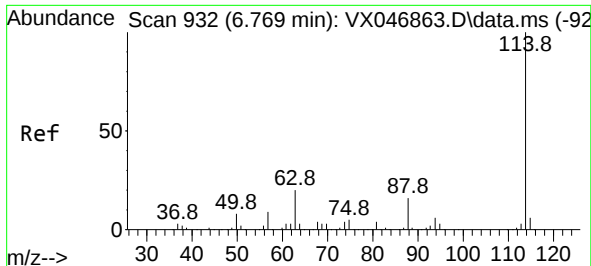
Tgt Ion:168 Resp: 324808
Ion Ratio Lower Upper
168 100
99 64.0 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 53.604 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX047018.D
Acq: 16 Jul 2025 10:34

Tgt Ion: 65 Resp: 230017
Ion Ratio Lower Upper
65 100
67 51.5 0.0 105.2

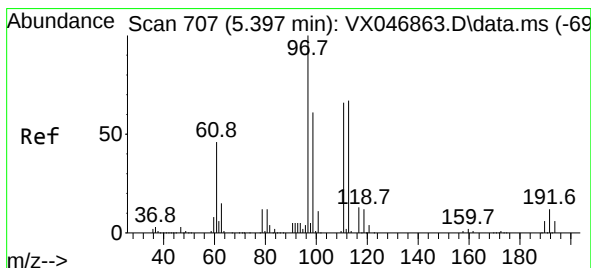
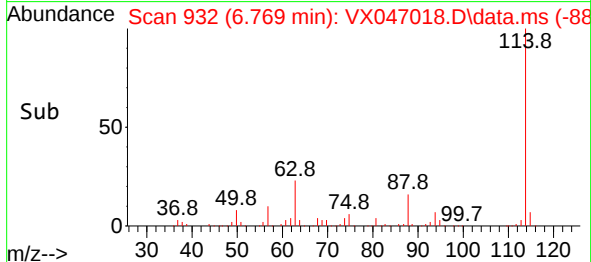
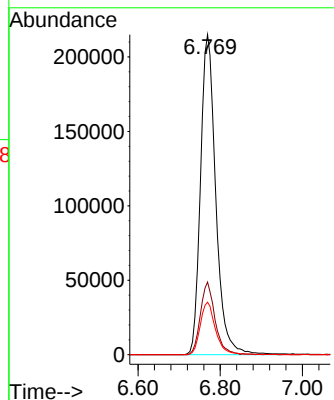
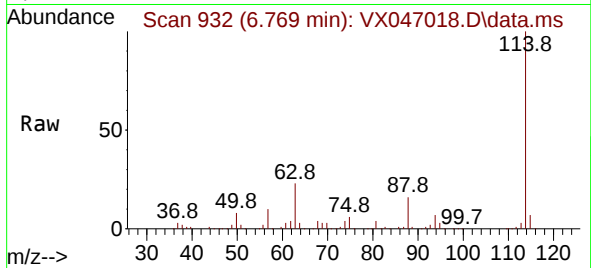




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VX047018.D
 Acq: 16 Jul 2025 10:34

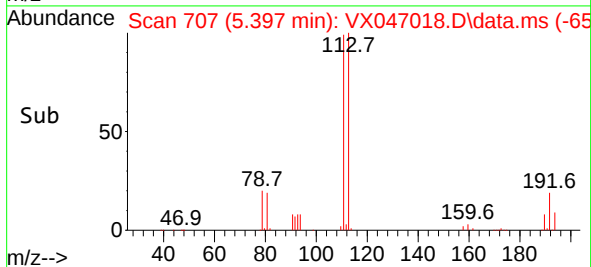
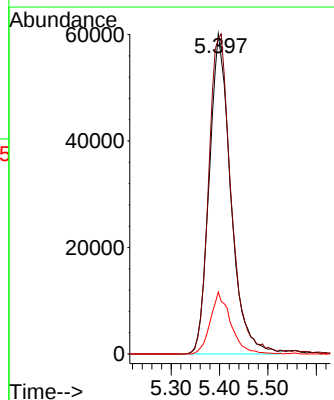
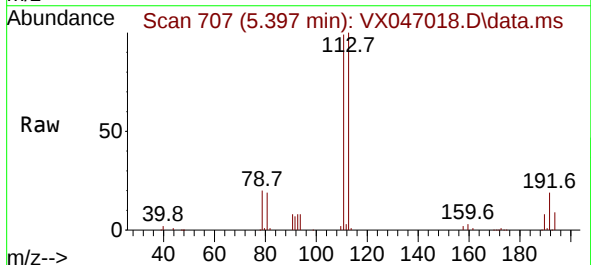
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0716WBL01

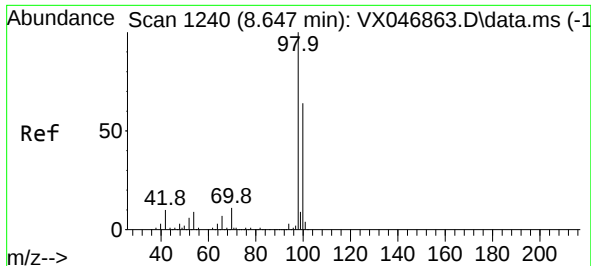
Tgt Ion:114 Resp: 553162
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 40.4
 88 16.4 0.0 31.0



#35
 Dibromofluoromethane
 Concen: 49.469 ug/l
 RT: 5.397 min Scan# 707
 Delta R.T. -0.000 min
 Lab File: VX047018.D
 Acq: 16 Jul 2025 10:34

Tgt Ion:113 Resp: 185750
 Ion Ratio Lower Upper
 113 100
 111 103.6 81.2 121.8
 192 18.3 15.3 22.9

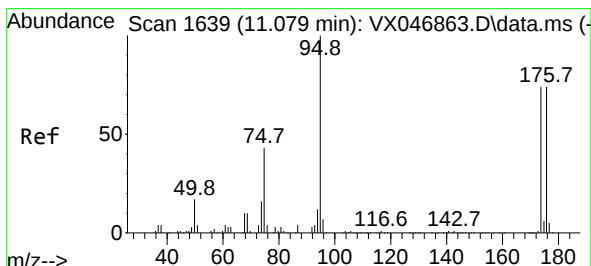
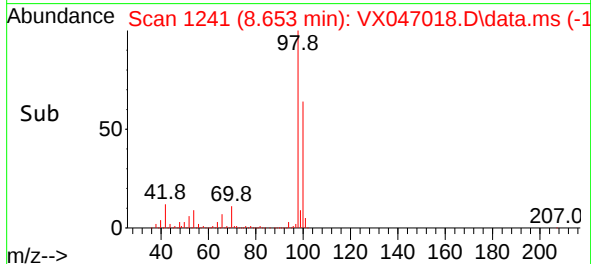
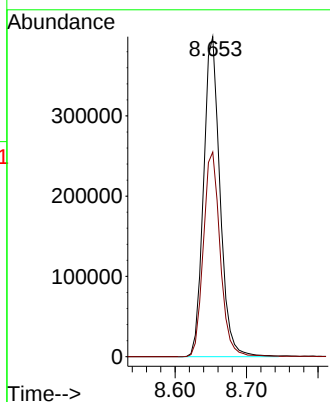
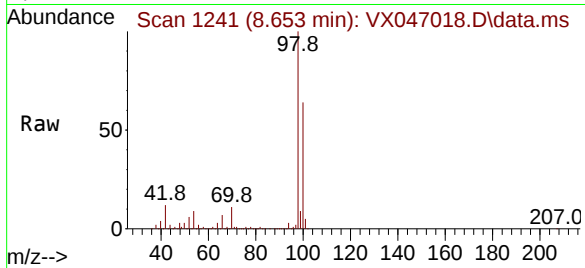




#50
Toluene-d8
Concen: 48.088 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX047018.D
Acq: 16 Jul 2025 10:34

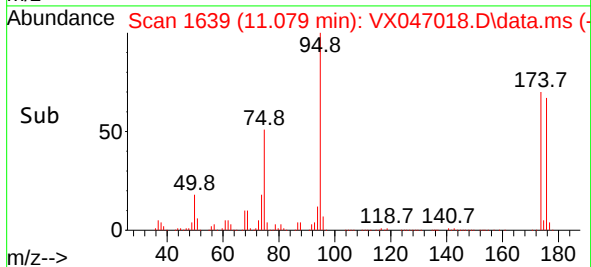
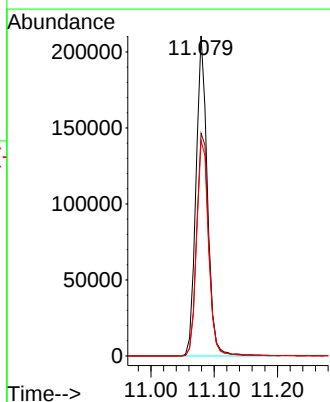
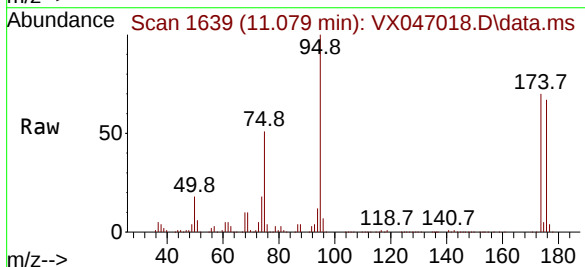
Instrument :
MSVOA_X
ClientSampleId :
VX0716WBL01

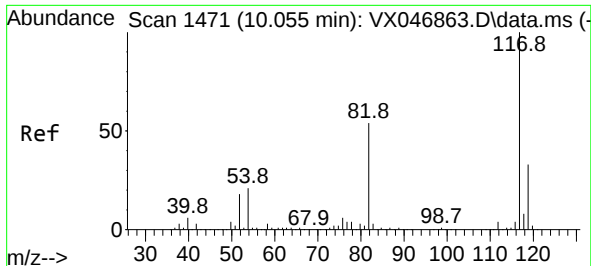
Tgt Ion: 98 Resp: 637073
Ion Ratio Lower Upper
98 100
100 65.2 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 52.496 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047018.D
Acq: 16 Jul 2025 10:34

Tgt Ion: 95 Resp: 264318
Ion Ratio Lower Upper
95 100
174 74.0 0.0 152.0
176 70.4 0.0 145.2

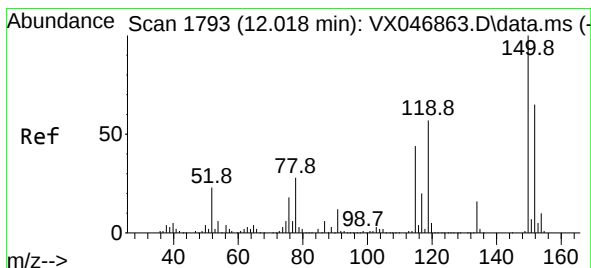
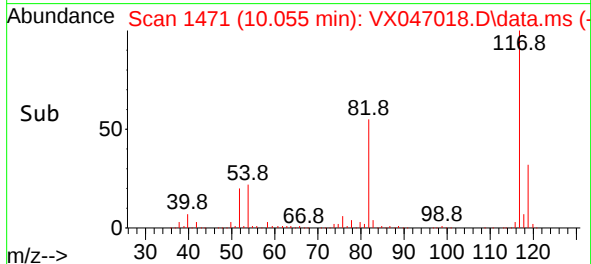
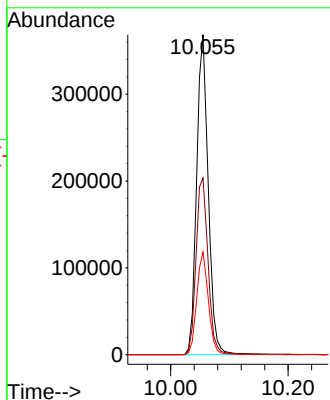
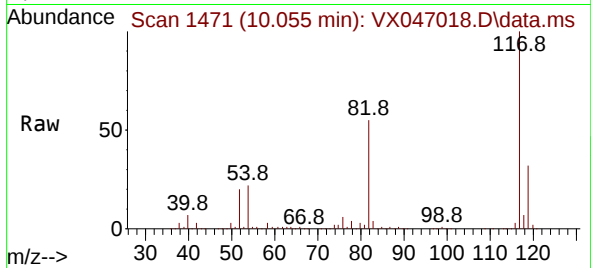




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX047018.D
Acq: 16 Jul 2025 10:34

Instrument :
MSVOA_X
ClientSampleId :
VX0716WBL01

Tgt Ion:117 Resp: 506524
Ion Ratio Lower Upper
117 100
82 55.3 43.3 64.9
119 32.0 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX047018.D
Acq: 16 Jul 2025 10:34

Tgt Ion:152 Resp: 262675
Ion Ratio Lower Upper
152 100
115 62.1 42.4 127.1
150 158.8 0.0 349.2

