

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082525\
 Data File : VX047518.D
 Acq On : 25 Aug 2025 13:32
 Operator : JC/MD
 Sample : Q2903-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Quant Time: Aug 26 00:38:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	298330	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	594534	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	589303	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	294917	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	232895	55.780	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	111.560%
35) Dibromofluoromethane	5.397	113	197024	51.061	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.120%
50) Toluene-d8	8.653	98	690159	50.042	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.080%
62) 4-Bromofluorobenzene	11.079	95	283680	55.740	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	111.480%

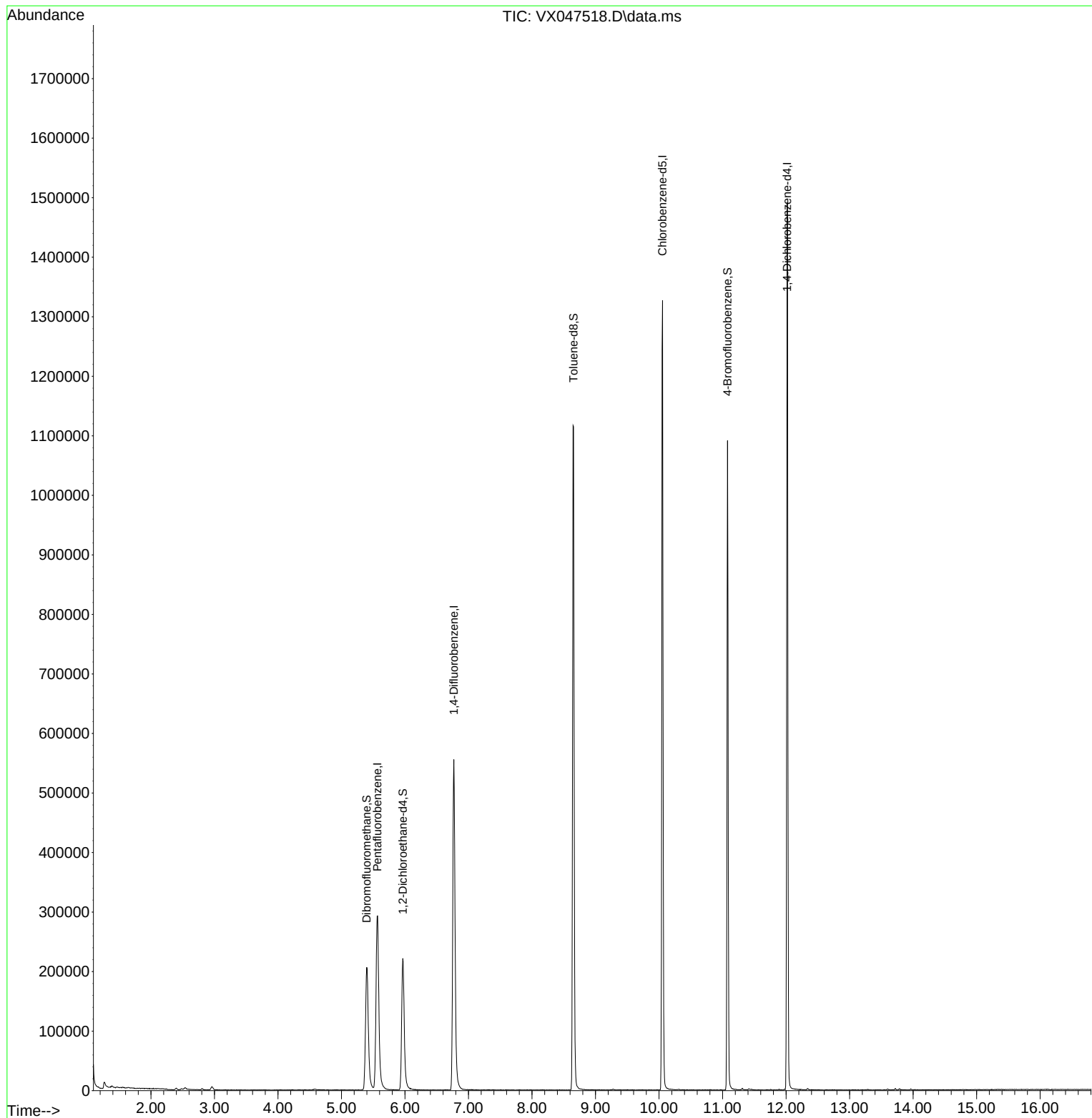
Target Compounds	Qvalue

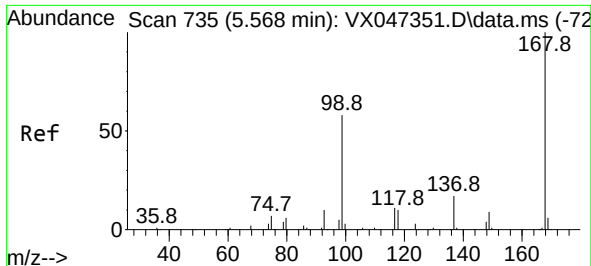
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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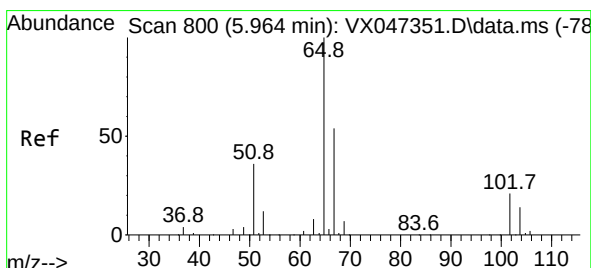
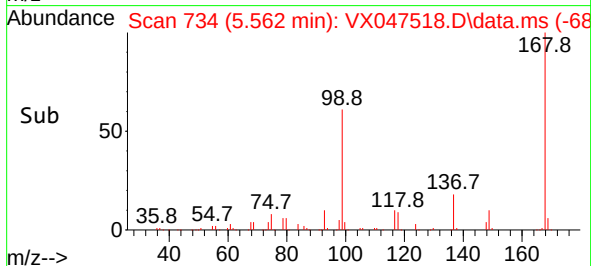
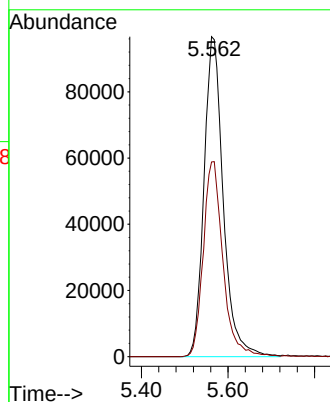
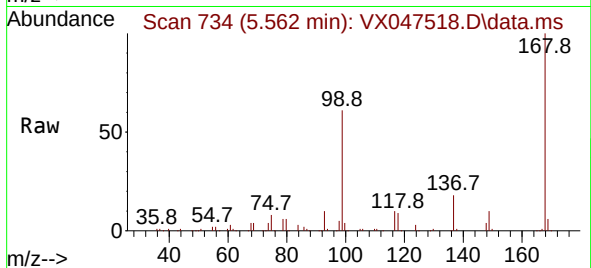




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047518.D
Acq: 25 Aug 2025 13:32

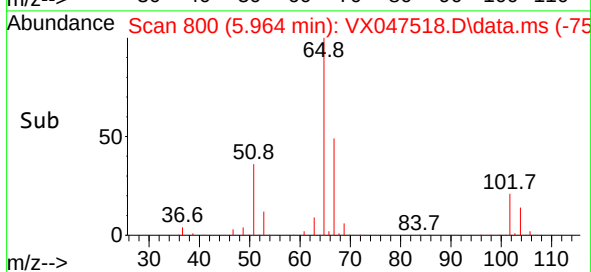
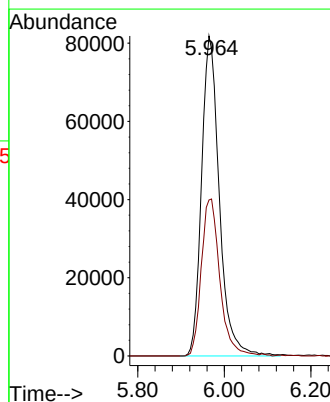
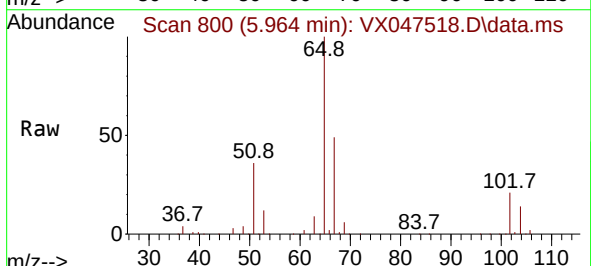
Instrument :
MSVOA_X
ClientSampleId :
TB

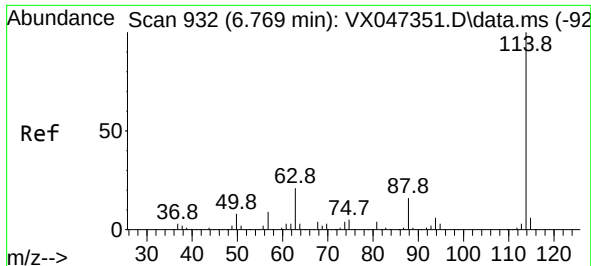
Tgt Ion:168 Resp: 298330
Ion Ratio Lower Upper
168 100
99 60.8 47.9 71.9



#33
1,2-Dichloroethane-d4
Concen: 55.780 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047518.D
Acq: 25 Aug 2025 13:32

Tgt Ion: 65 Resp: 232895
Ion Ratio Lower Upper
65 100
67 51.1 0.0 106.0

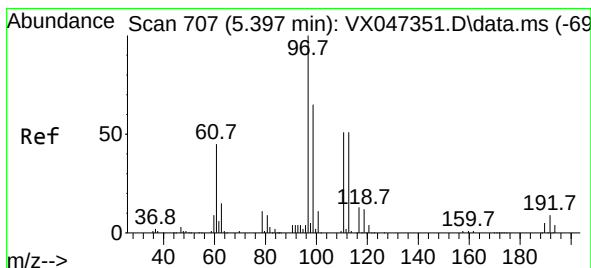
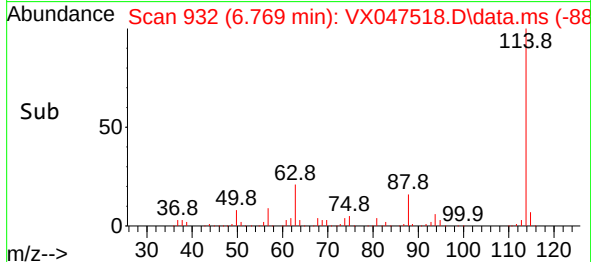
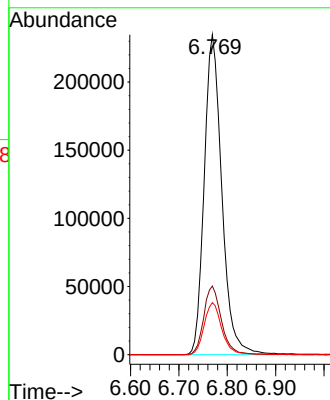
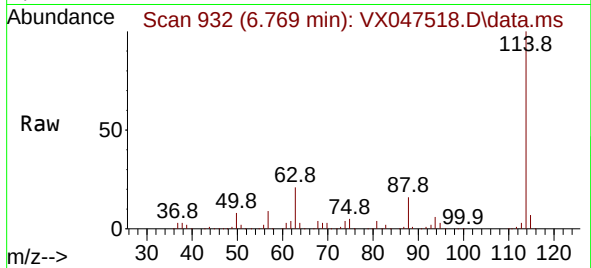




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VX047518.D
 Acq: 25 Aug 2025 13:32

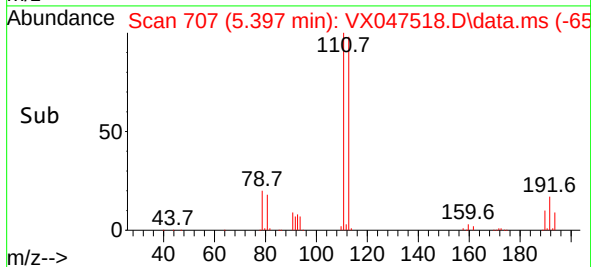
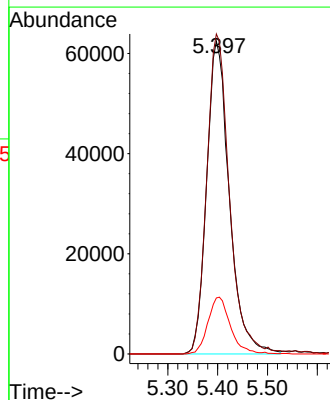
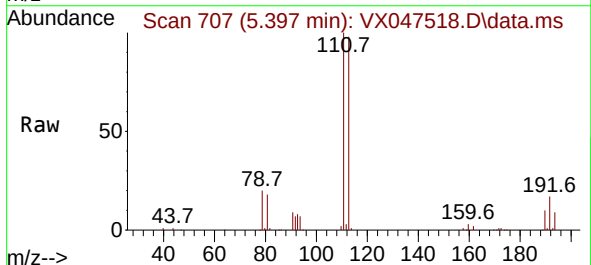
Instrument :
 MSVOA_X
 ClientSampleId :
 TB

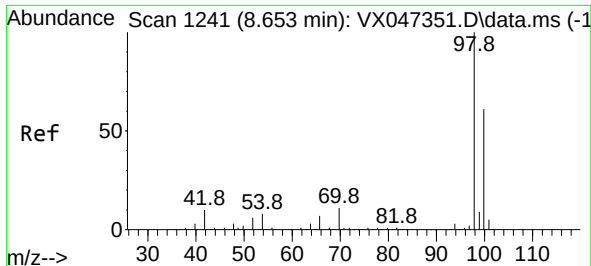
Tgt Ion:114 Resp: 594534
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 42.4
 88 16.2 0.0 33.0



#35
 Dibromofluoromethane
 Concen: 51.061 ug/l
 RT: 5.397 min Scan# 707
 Delta R.T. 0.000 min
 Lab File: VX047518.D
 Acq: 25 Aug 2025 13:32

Tgt Ion:113 Resp: 197024
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.4 122.2
 192 18.0 14.1 21.1

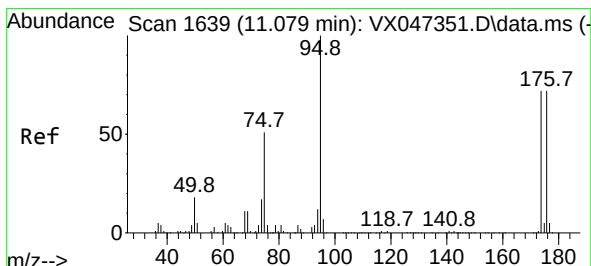
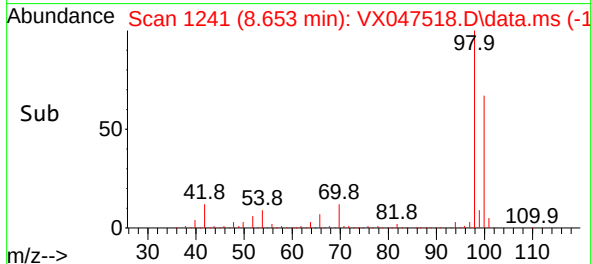
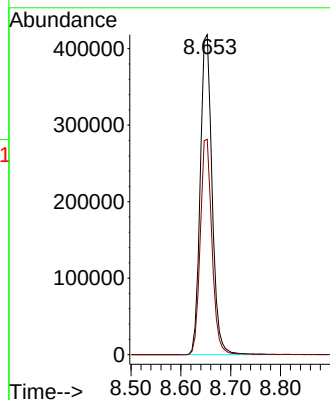
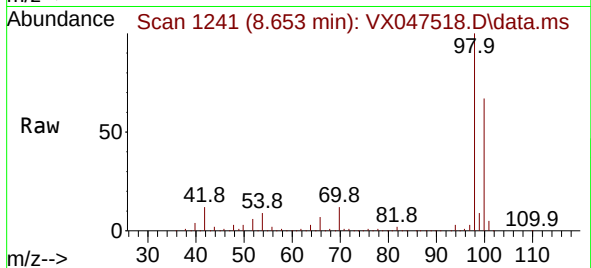




#50
Toluene-d8
Concen: 50.042 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047518.D
Acq: 25 Aug 2025 13:32

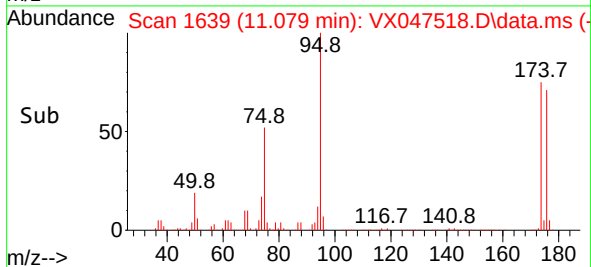
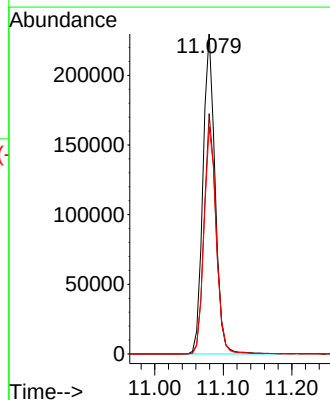
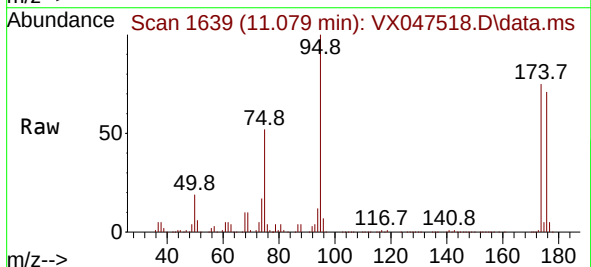
Instrument :
MSVOA_X
ClientSampleId :
TB

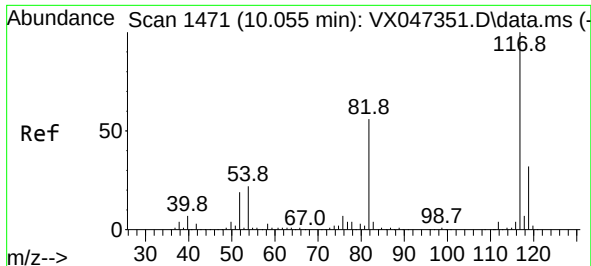
Tgt Ion: 98 Resp: 690159
Ion Ratio Lower Upper
98 100
100 66.6 53.9 80.9



#62
4-Bromofluorobenzene
Concen: 55.740 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047518.D
Acq: 25 Aug 2025 13:32

Tgt Ion: 95 Resp: 283680
Ion Ratio Lower Upper
95 100
174 74.2 0.0 148.0
176 71.4 0.0 145.4

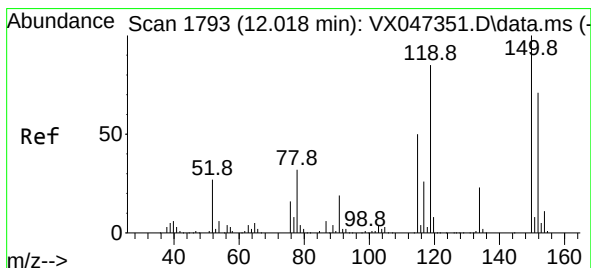
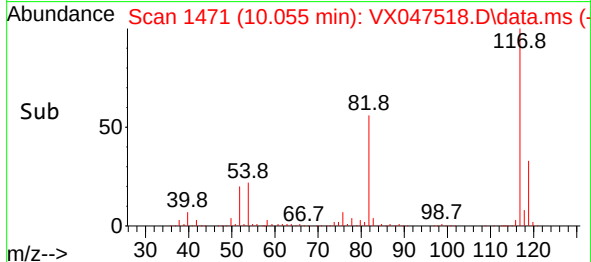
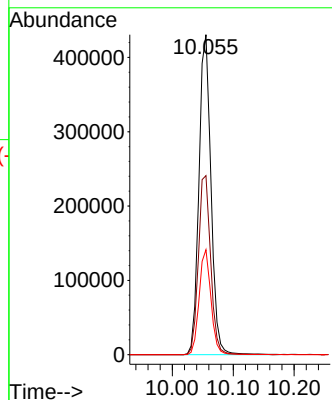
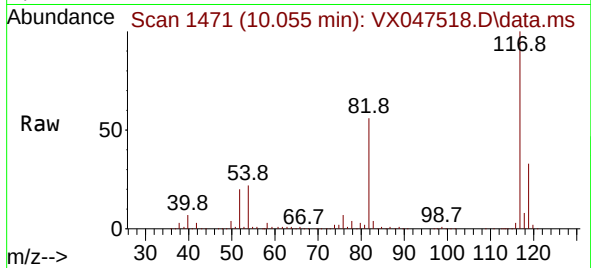




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047518.D
Acq: 25 Aug 2025 13:32

Instrument :
MSVOA_X
ClientSampleId :
TB

Tgt Ion:117 Resp: 589303
Ion Ratio Lower Upper
117 100
82 55.9 45.0 67.4
119 32.8 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047518.D
Acq: 25 Aug 2025 13:32

Tgt Ion:152 Resp: 294917
Ion Ratio Lower Upper
152 100
115 63.0 44.6 133.8
150 157.4 0.0 349.8

