

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
 Data File : VX046595.D
 Acq On : 10 Jun 2025 12:30
 Operator : JC/MD
 Sample : Q2230-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB060425

Quant Time: Jun 11 01:45:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 16:56:12 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	114604	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	224360	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	234275	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	115739	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	102624	50.332	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	100.660%
35) Dibromofluoromethane	5.397	113	83570	50.650	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.300%
50) Toluene-d8	8.653	98	296532	54.513	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	109.020%
62) 4-Bromofluorobenzene	11.079	95	124548	55.339	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	110.680%

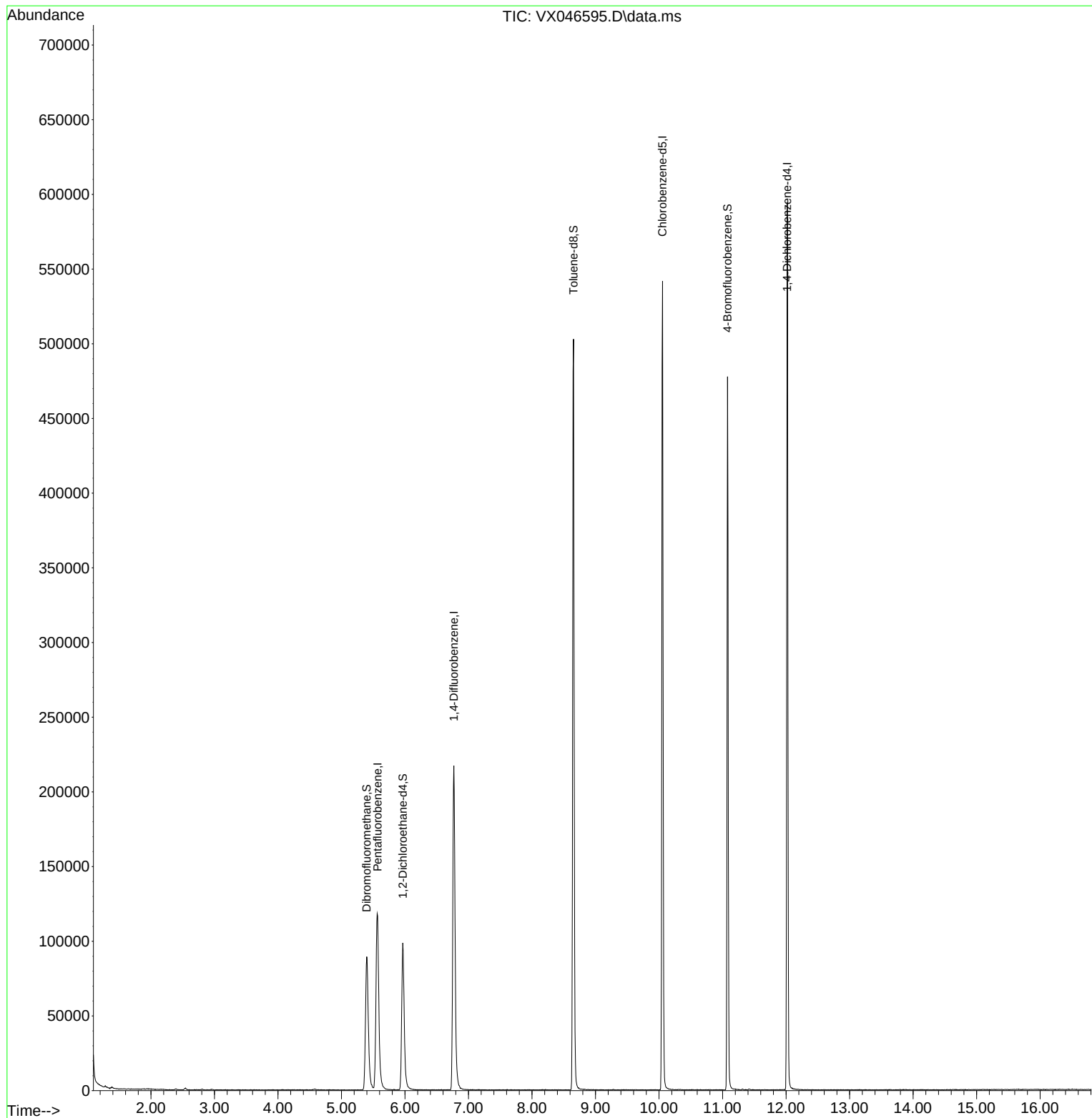
Target Compounds	Qvalue

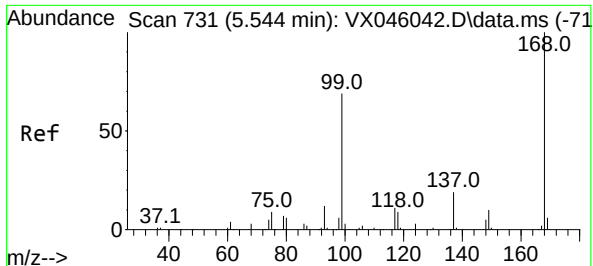
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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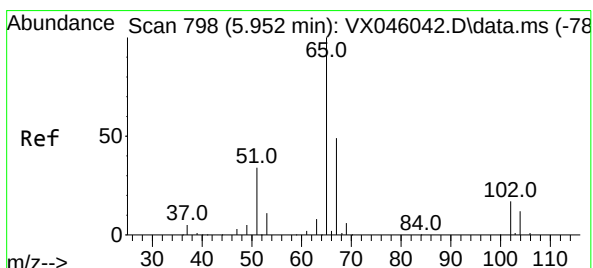
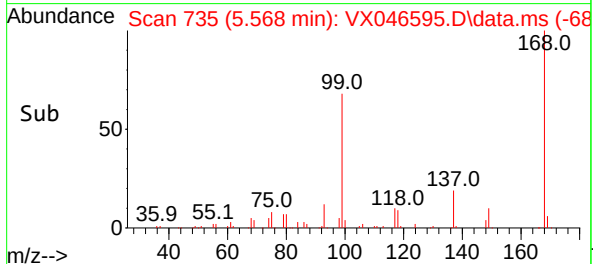
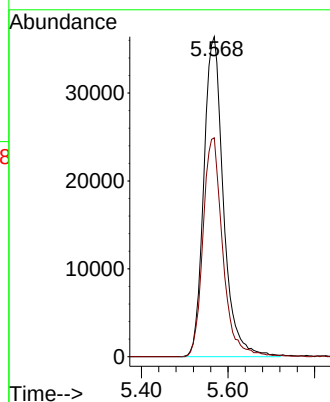
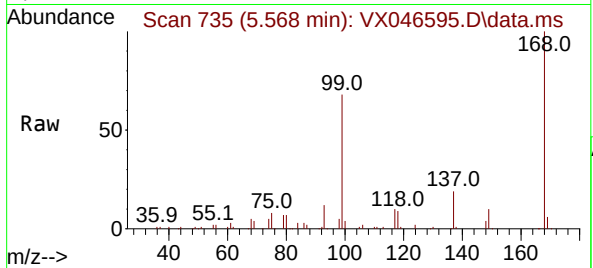




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX046595.D
Acq: 10 Jun 2025 12:30

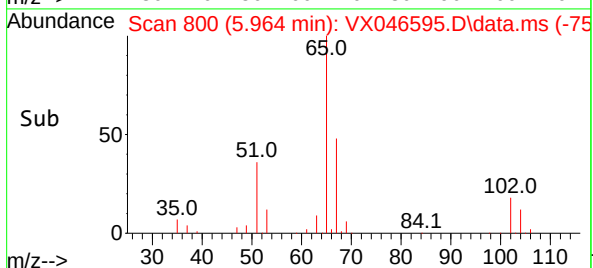
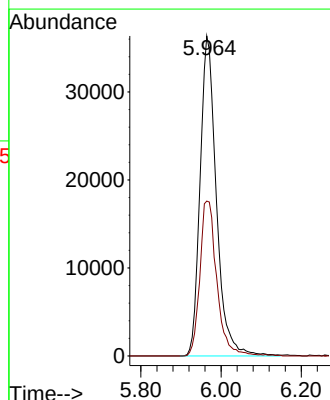
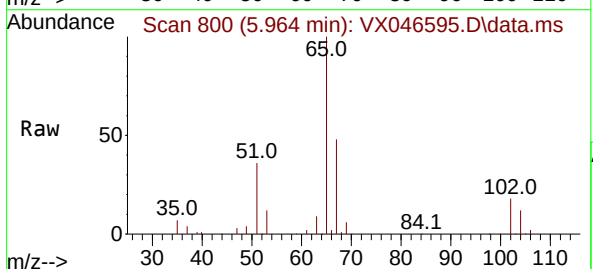
Instrument :
MSVOA_X
ClientSampleId :
TB060425

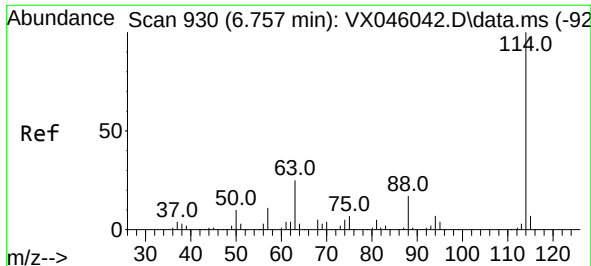
Tgt Ion:168 Resp: 114604
Ion Ratio Lower Upper
168 100
99 68.4 54.9 82.3



#33
1,2-Dichloroethane-d4
Concen: 50.332 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.006 min
Lab File: VX046595.D
Acq: 10 Jun 2025 12:30

Tgt Ion: 65 Resp: 102624
Ion Ratio Lower Upper
65 100
67 50.5 0.0 99.0

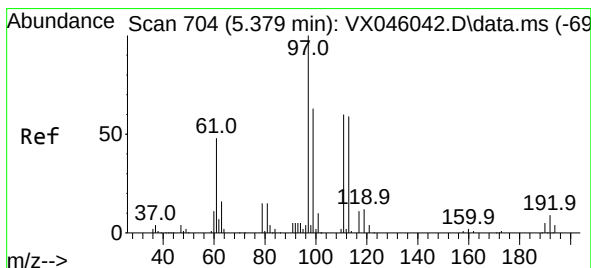
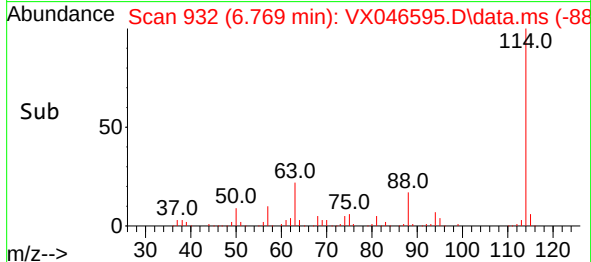
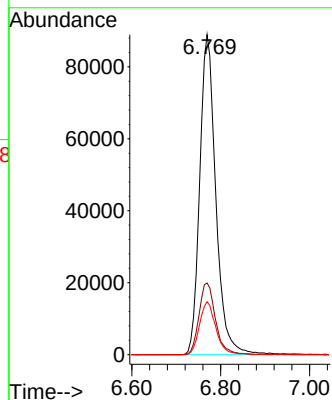
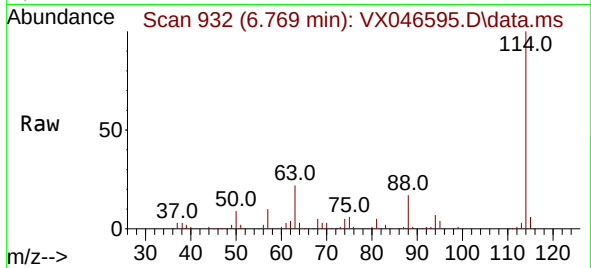




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX046595.D
Acq: 10 Jun 2025 12:30

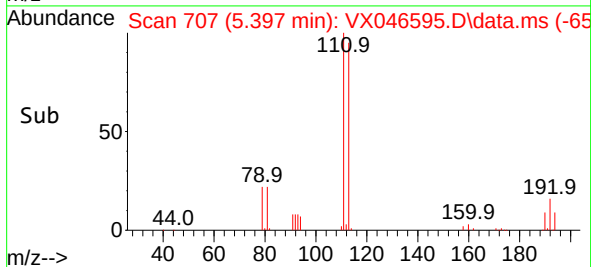
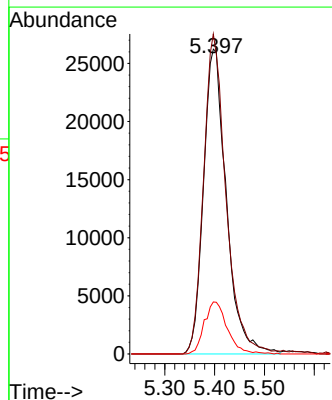
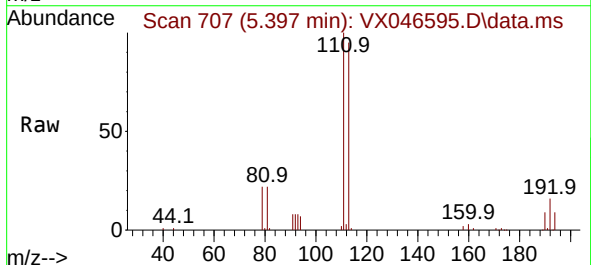
Instrument :
MSVOA_X
ClientSampleId :
TB060425

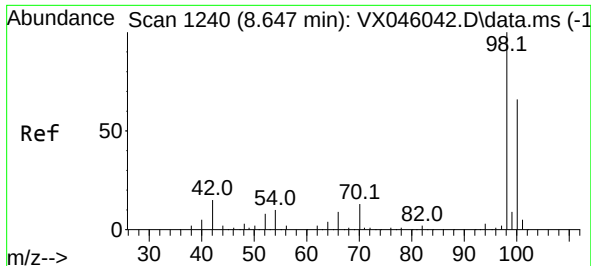
Tgt Ion:114 Resp: 224360
Ion Ratio Lower Upper
114 100
63 22.4 0.0 49.2
88 16.5 0.0 33.6



#35
Dibromofluoromethane
Concen: 50.650 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.006 min
Lab File: VX046595.D
Acq: 10 Jun 2025 12:30

Tgt Ion:113 Resp: 83570
Ion Ratio Lower Upper
113 100
111 102.6 83.1 124.7
192 17.2 13.3 19.9

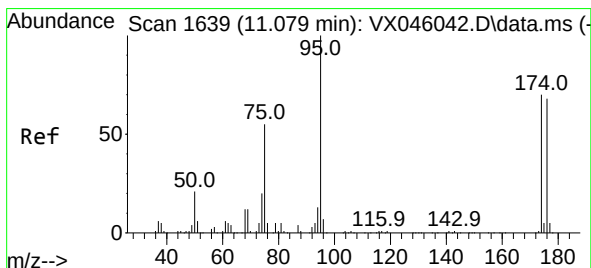
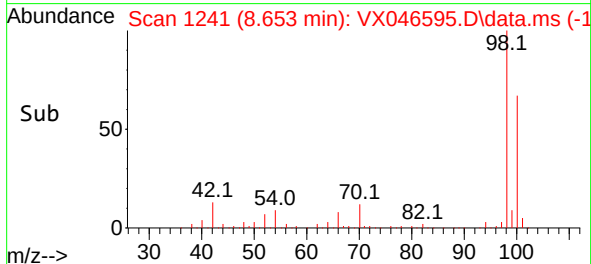
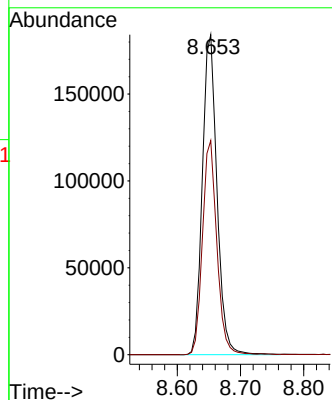
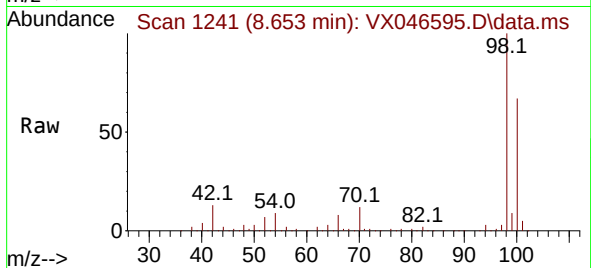




#50
Toluene-d8
Concen: 54.513 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046595.D
Acq: 10 Jun 2025 12:30

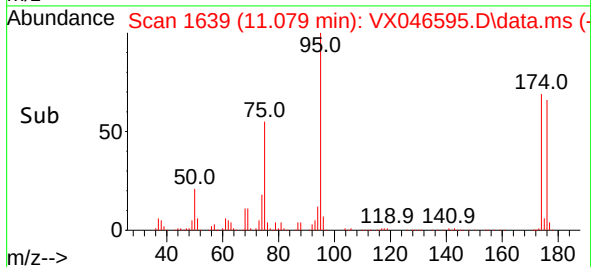
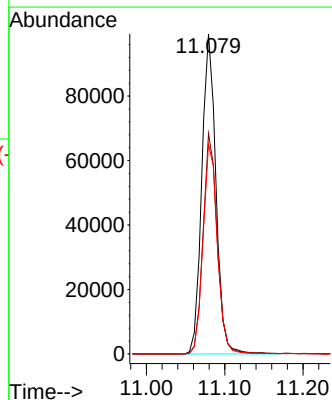
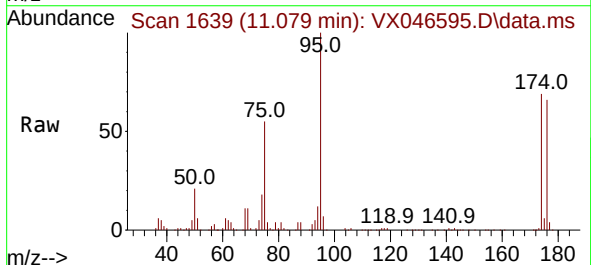
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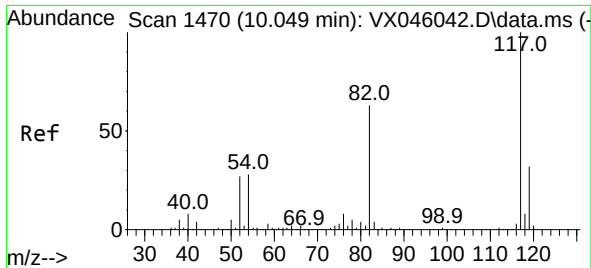
Tgt Ion: 98 Resp: 296532
Ion Ratio Lower Upper
98 100
100 65.6 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 55.339 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046595.D
Acq: 10 Jun 2025 12:30

Tgt Ion: 95 Resp: 124548
Ion Ratio Lower Upper
95 100
174 68.8 0.0 135.8
176 66.6 0.0 131.4

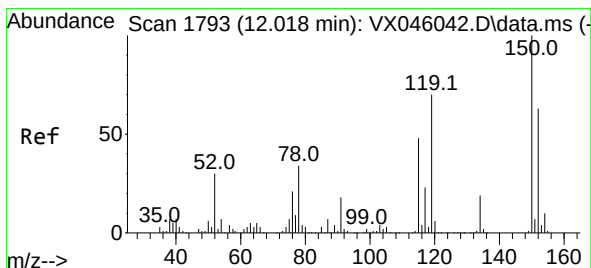
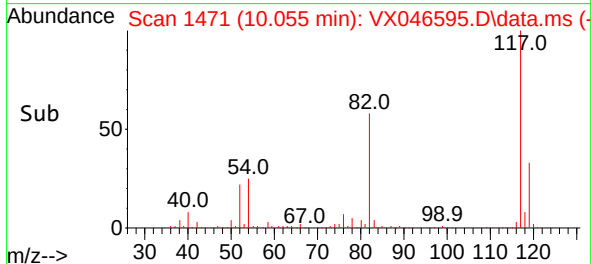
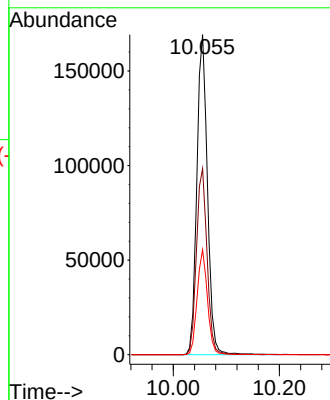
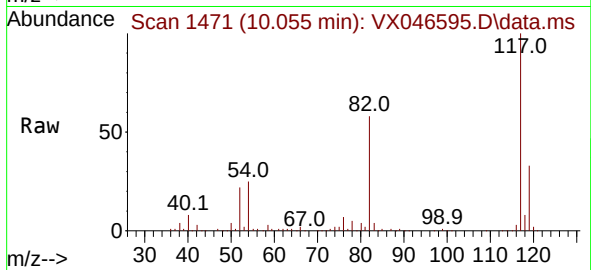




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046595.D
Acq: 10 Jun 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
TB060425

Tgt Ion:117 Resp: 234275
Ion Ratio Lower Upper
117 100
82 58.2 50.6 76.0
119 32.8 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX046595.D
Acq: 10 Jun 2025 12:30

Tgt Ion:152 Resp: 115739
Ion Ratio Lower Upper
152 100
115 64.3 46.9 140.7
150 155.2 0.0 351.0

