

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061325\
 Data File : VX046684.D
 Acq On : 13 Jun 2025 13:19
 Operator : JC/MD
 Sample : VX0613WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0613WBL02

Quant Time: Jun 13 23:27:14 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	93820	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	167354	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	149855	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	74343	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	83712	50.152	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	100.300%
35) Dibromofluoromethane	5.403	113	61934	50.324	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.640%
50) Toluene-d8	8.653	98	219047	53.985	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.980%
62) 4-Bromofluorobenzene	11.079	95	85998	51.227	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.460%

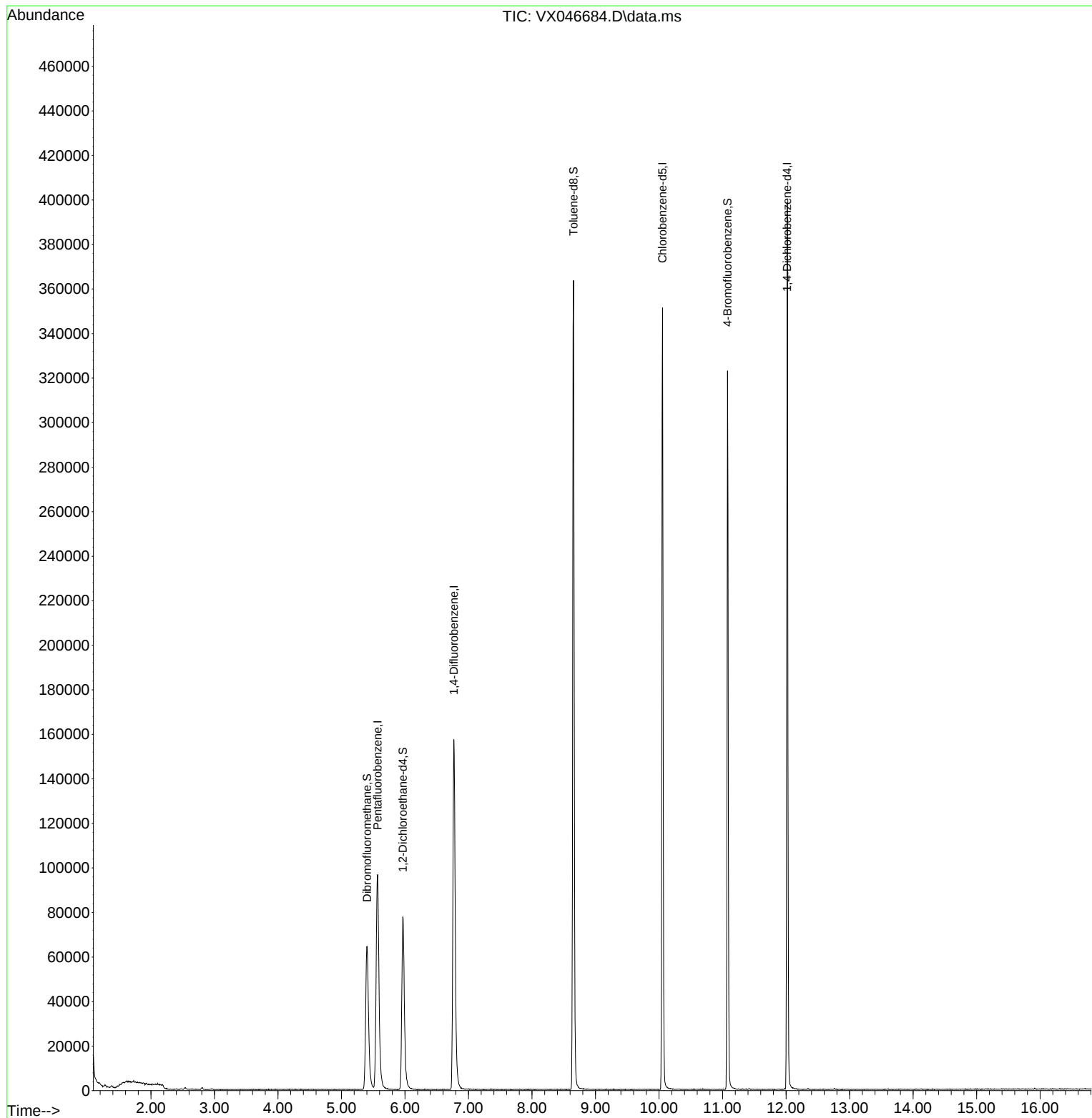
Target Compounds	Qvalue

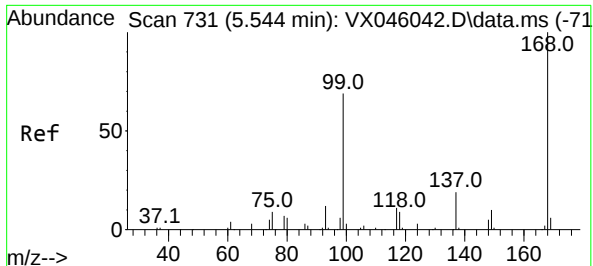
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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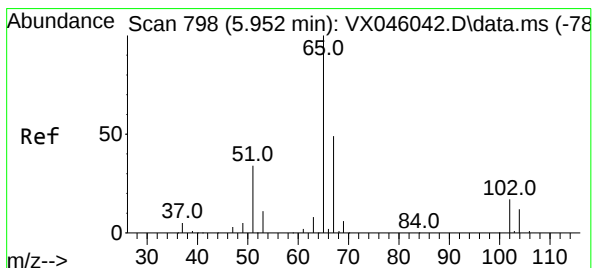
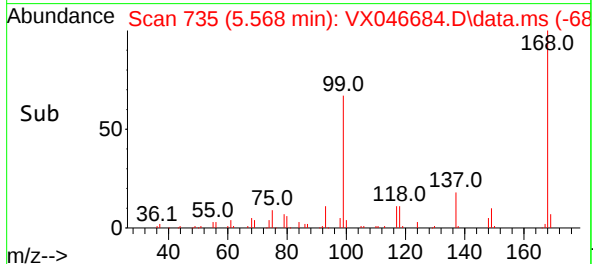
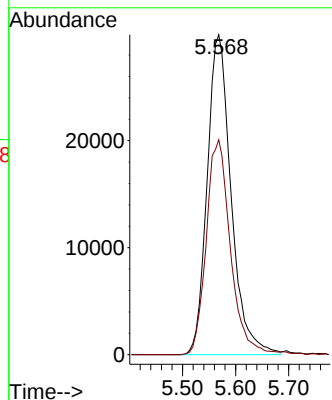
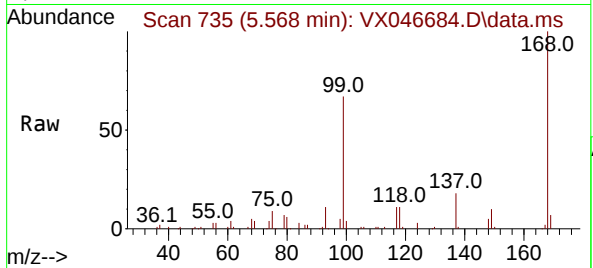




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX046684.D
Acq: 13 Jun 2025 13:19

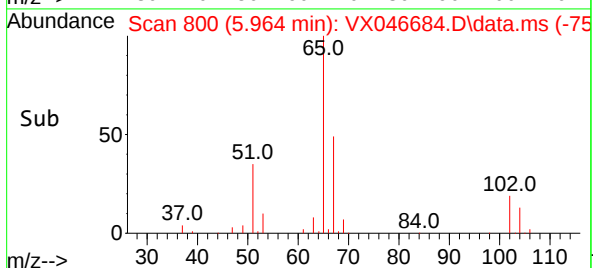
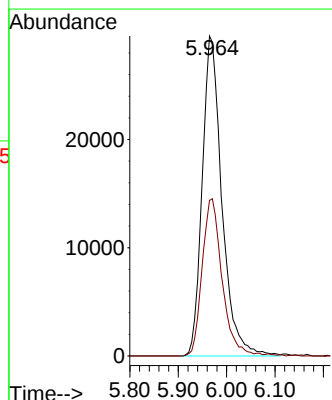
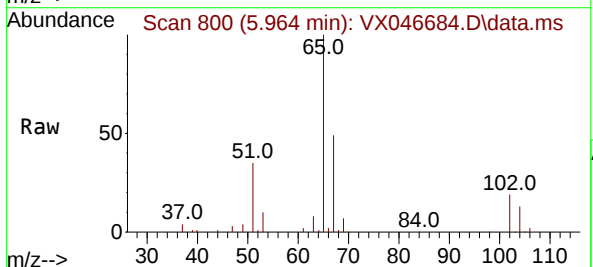
Instrument :
MSVOA_X
ClientSampleId :
VX0613WBL02

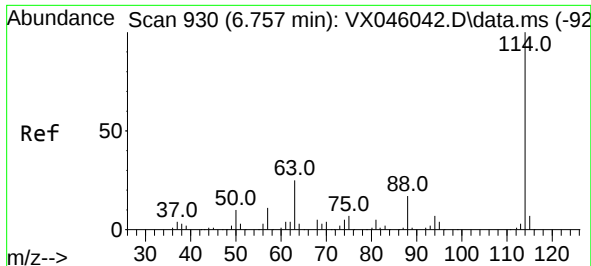
Tgt Ion:168 Resp: 93820
Ion Ratio Lower Upper
168 100
99 67.2 54.9 82.3



#33
1,2-Dichloroethane-d4
Concen: 50.152 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.006 min
Lab File: VX046684.D
Acq: 13 Jun 2025 13:19

Tgt Ion: 65 Resp: 83712
Ion Ratio Lower Upper
65 100
67 49.6 0.0 99.0

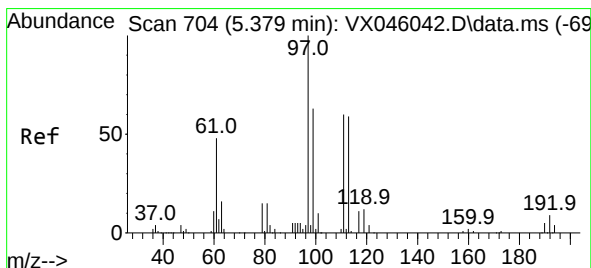
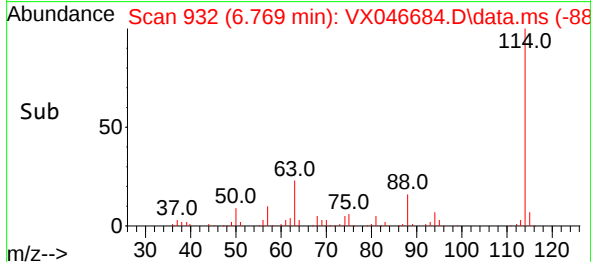
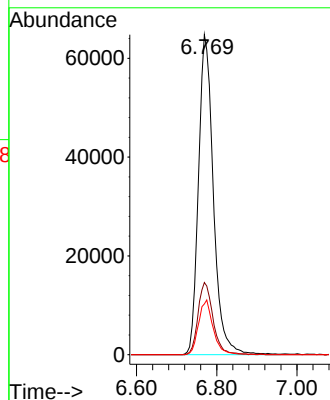
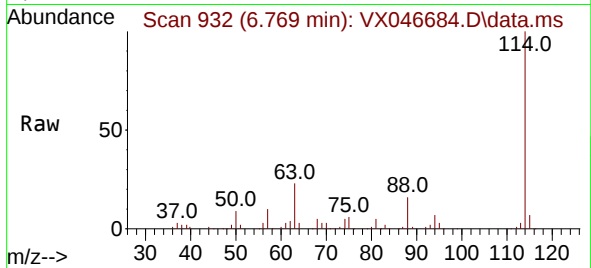




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX046684.D
Acq: 13 Jun 2025 13:19

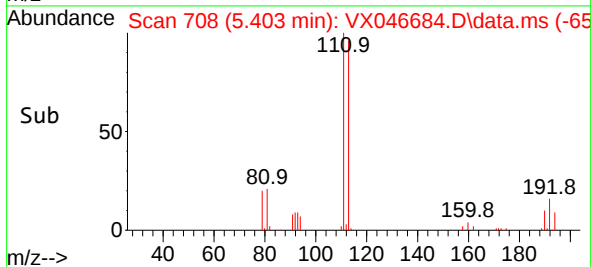
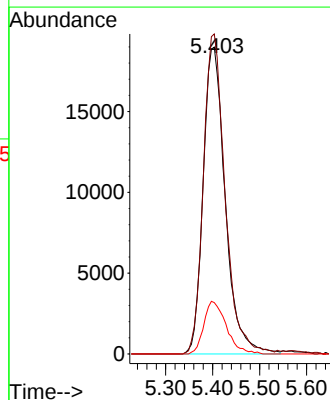
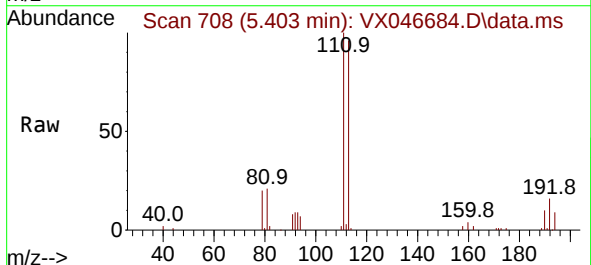
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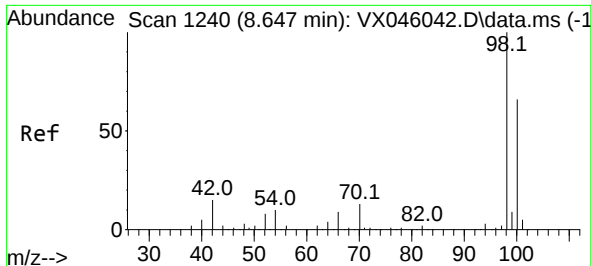
Tgt Ion:114 Resp: 167354
Ion Ratio Lower Upper
114 100
63 22.5 0.0 49.2
88 15.8 0.0 33.6



#35
Dibromofluoromethane
Concen: 50.324 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.000 min
Lab File: VX046684.D
Acq: 13 Jun 2025 13:19

Tgt Ion:113 Resp: 61934
Ion Ratio Lower Upper
113 100
111 102.5 83.1 124.7
192 17.5 13.3 19.9

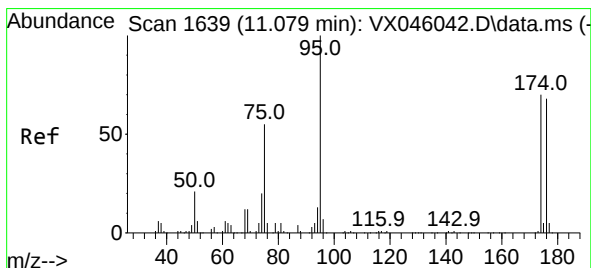
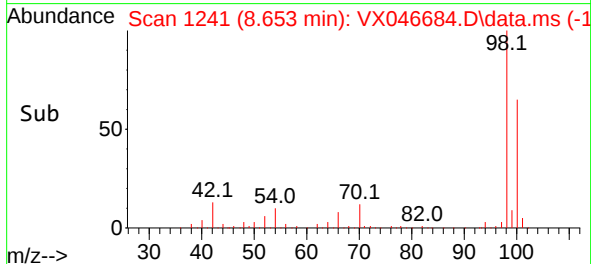
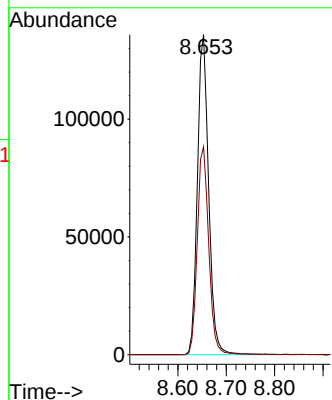
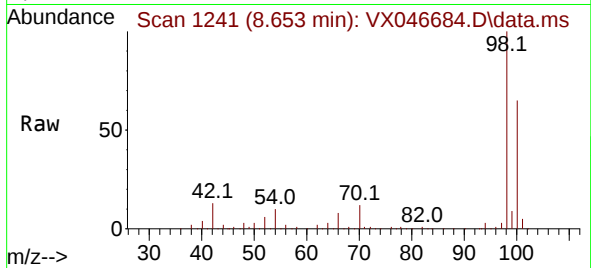




#50
Toluene-d8
Concen: 53.985 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX046684.D
Acq: 13 Jun 2025 13:19

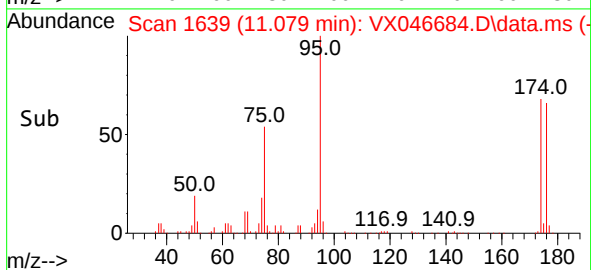
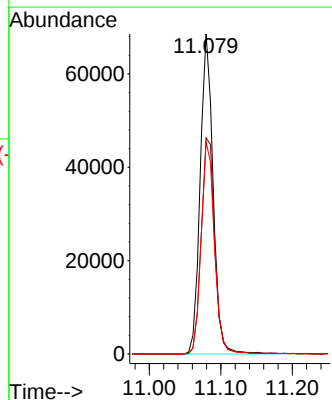
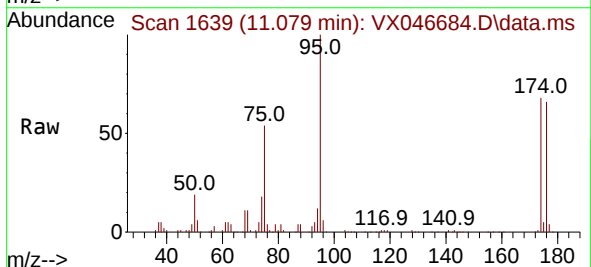
Instrument :
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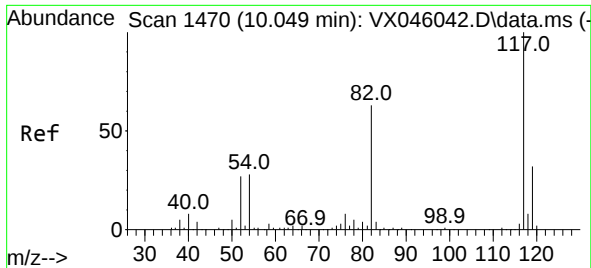
Tgt Ion: 98 Resp: 219047
Ion Ratio Lower Upper
98 100
100 66.0 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 51.227 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046684.D
Acq: 13 Jun 2025 13:19

Tgt Ion: 95 Resp: 85998
Ion Ratio Lower Upper
95 100
174 70.4 0.0 135.8
176 68.0 0.0 131.4

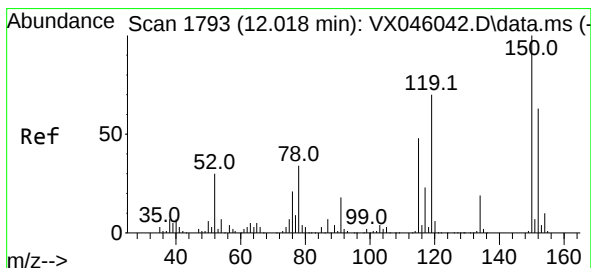
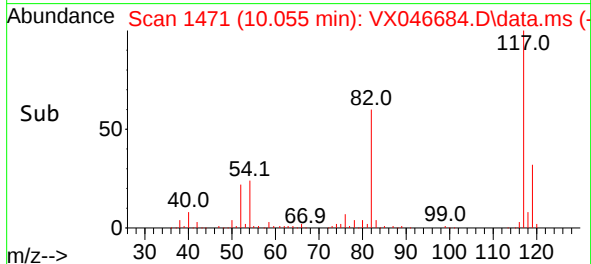
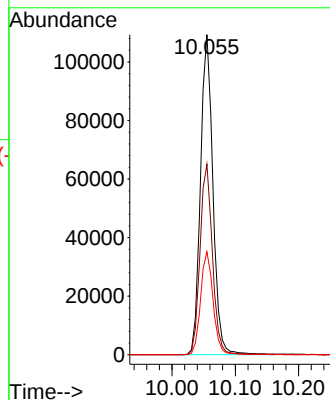
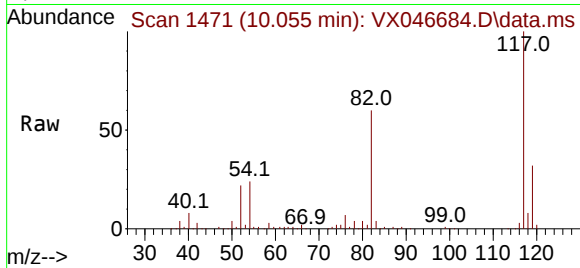




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046684.D
Acq: 13 Jun 2025 13:19

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBL02

Tgt Ion:117 Resp: 149855
Ion Ratio Lower Upper
117 100
82 59.5 50.6 76.0
119 32.2 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: VX046684.D
Acq: 13 Jun 2025 13:19

Tgt Ion:152 Resp: 74343
Ion Ratio Lower Upper
152 100
115 64.7 46.9 140.7
150 158.1 0.0 351.0

