

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
 Data File : VV039148.D
 Acq On : 24 Sep 2025 13:09
 Operator : SY/MD
 Sample : VV0924WBL01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV0924WBL01

Quant Time: Sep 25 04:44:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 08:08:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.596	168	463770	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	858892	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	831675	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	379013	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	417696	62.230	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	124.460%#
35) Dibromofluoromethane	4.497	113	376781	54.568	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	109.140%
50) Toluene-d8	7.236	98	894968	44.132	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	88.260%#
62) 4-Bromofluorobenzene	10.001	95	400947	48.026	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	96.060%

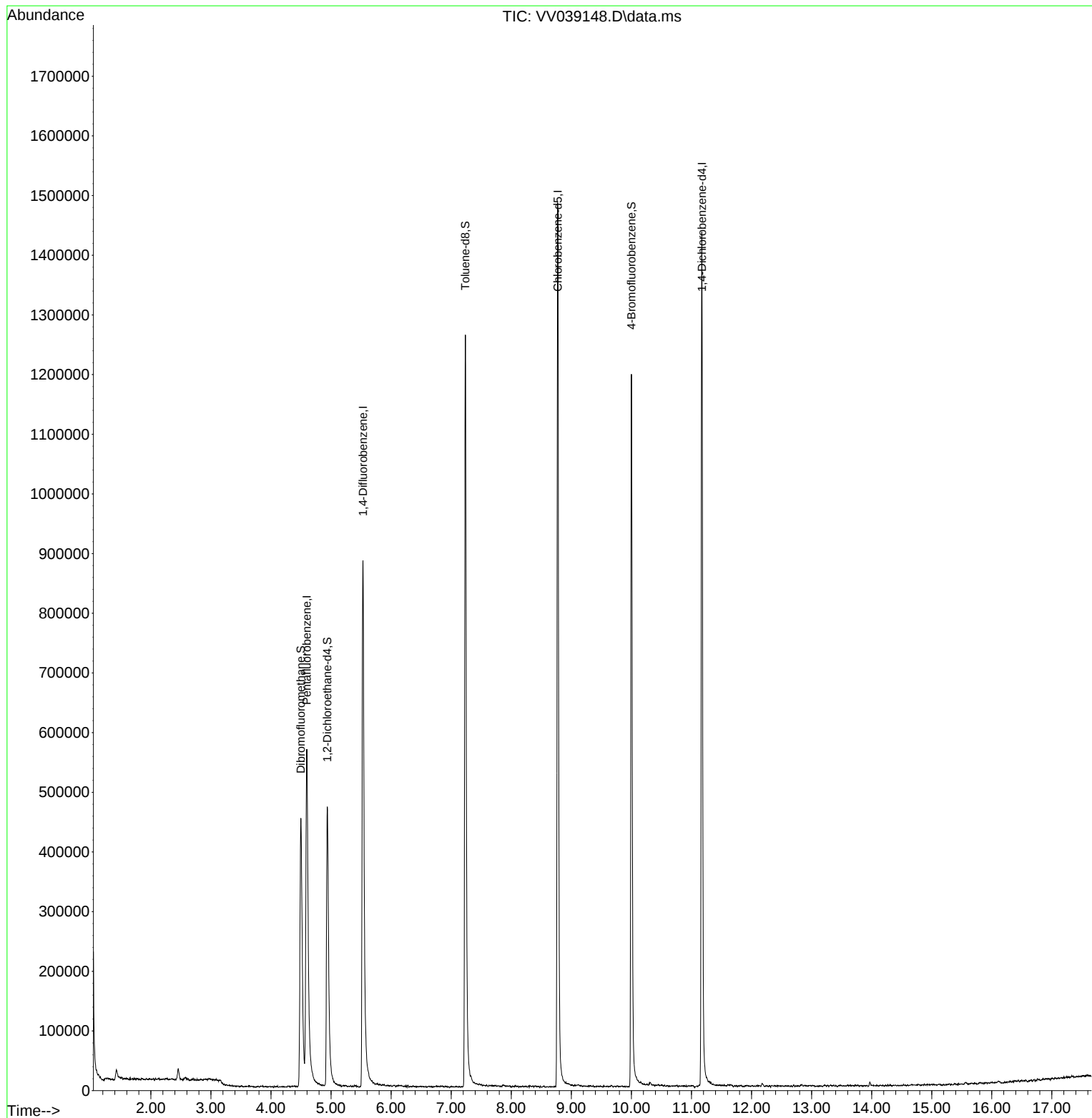
Target Compounds	Qvalue

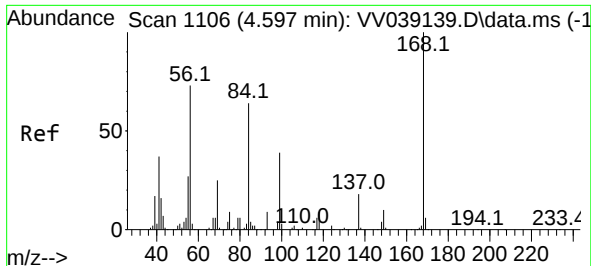
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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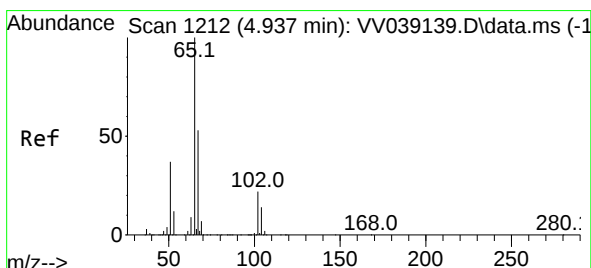
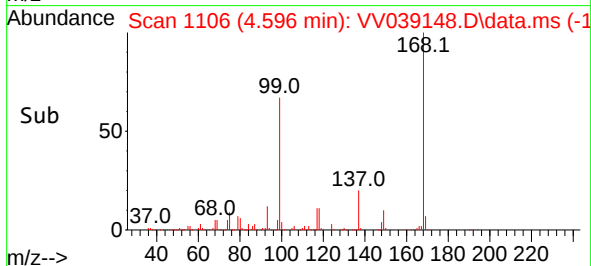
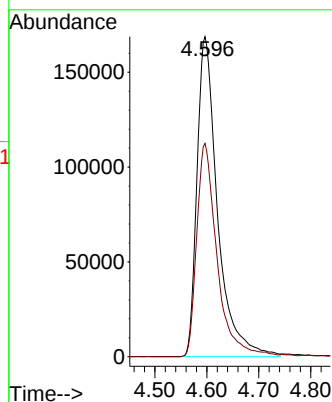
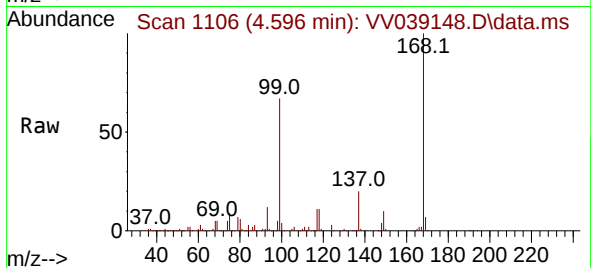




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.596 min Scan# 1106
Delta R.T. -0.001 min
Lab File: VV039148.D
Acq: 24 Sep 2025 13:09

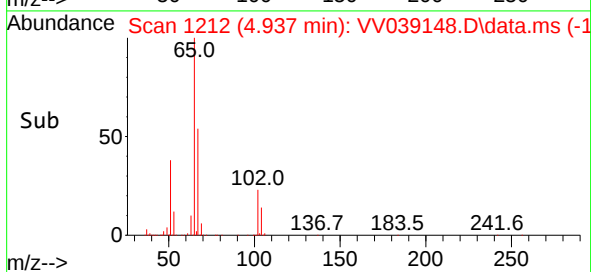
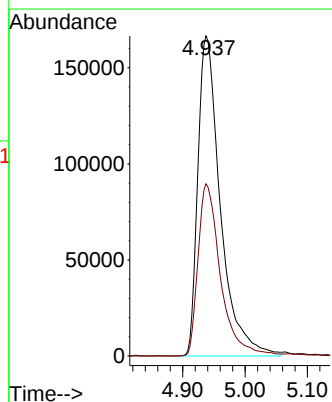
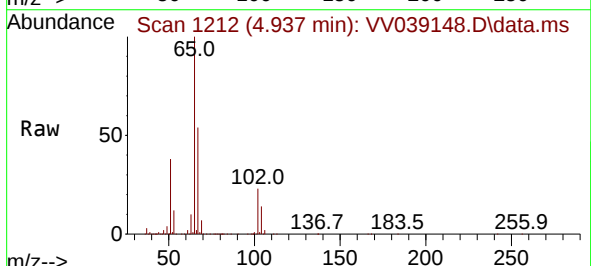
Instrument :
MSVOA_V
ClientSampleId :
VV0924WBL01

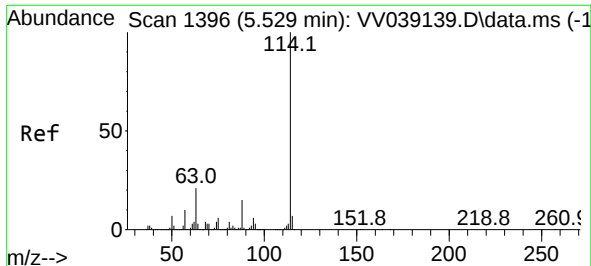
Tgt Ion:168 Resp: 463770
Ion Ratio Lower Upper
168 100
99 66.7 49.6 74.4



#33
1,2-Dichloroethane-d4
Concen: 62.230 ug/l
RT: 4.937 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VV039148.D
Acq: 24 Sep 2025 13:09

Tgt Ion: 65 Resp: 417696
Ion Ratio Lower Upper
65 100
67 53.6 0.0 107.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV039148.D

Acq: 24 Sep 2025 13:09

Instrument :

MSVOA_V

ClientSampleId :

VV0924WBL01

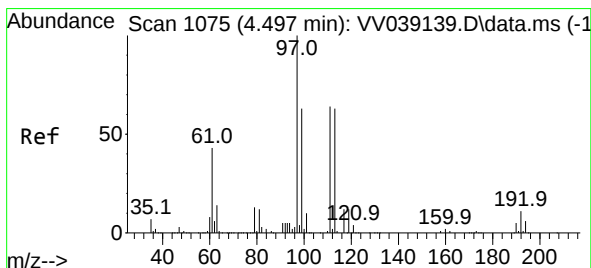
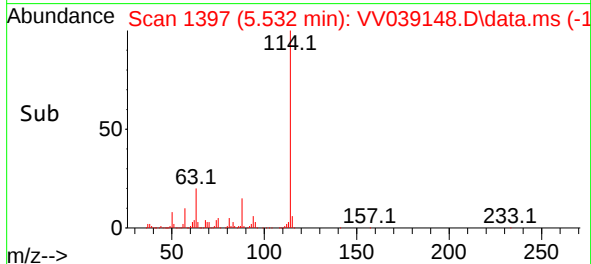
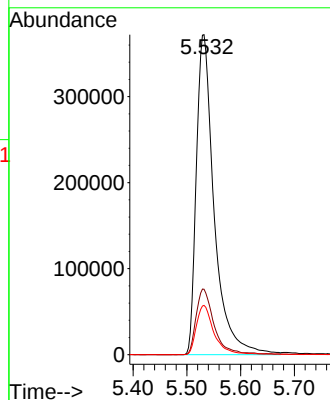
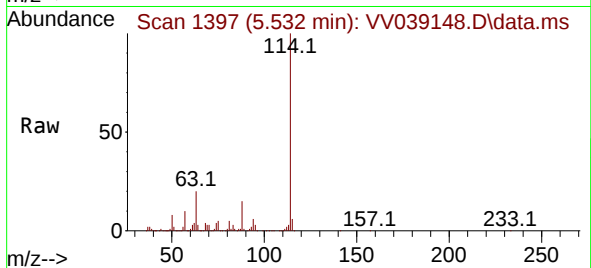
Tgt Ion:114 Resp: 858892

Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.6

88 15.4 0.0 30.8



#35

Dibromofluoromethane

Concen: 54.568 ug/l

RT: 4.497 min Scan# 1075

Delta R.T. -0.000 min

Lab File: VV039148.D

Acq: 24 Sep 2025 13:09

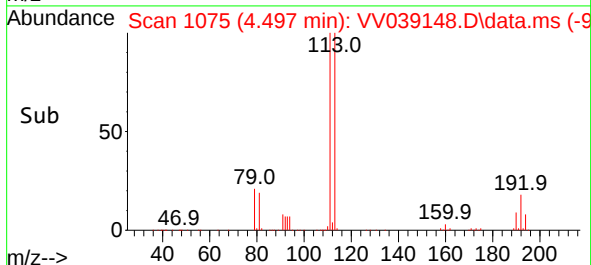
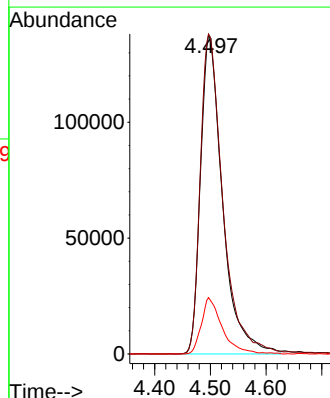
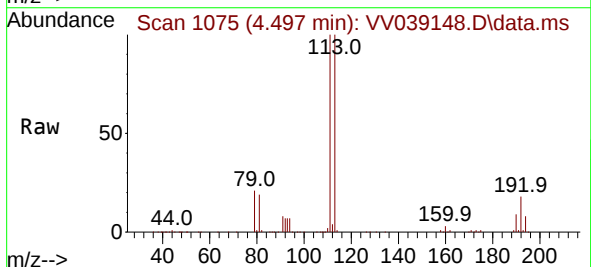
Tgt Ion:113 Resp: 376781

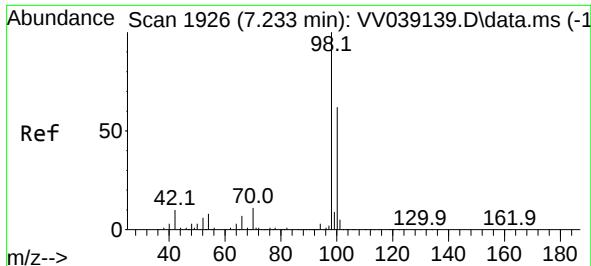
Ion Ratio Lower Upper

113 100

111 102.7 82.4 123.6

192 16.6 13.8 20.8

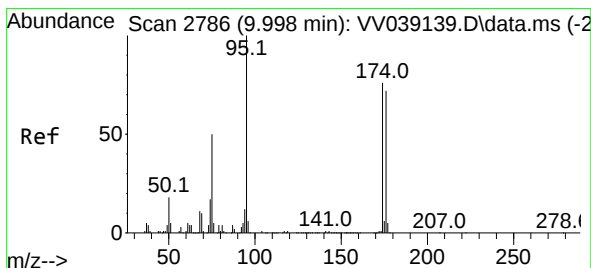
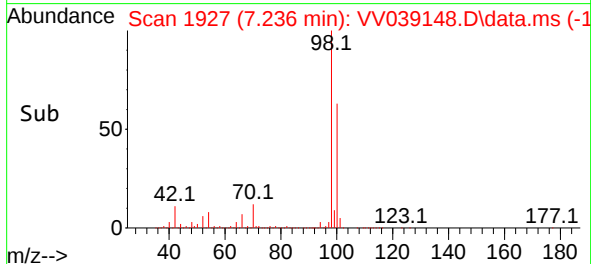
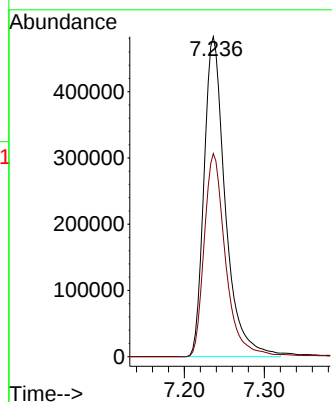
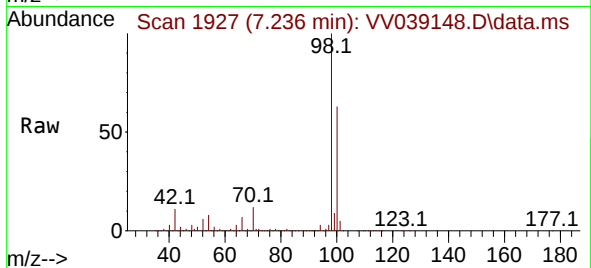




#50
Toluene-d8
Concen: 44.132 ug/l
RT: 7.236 min Scan# 1926
Delta R.T. 0.003 min
Lab File: VV039148.D
Acq: 24 Sep 2025 13:09

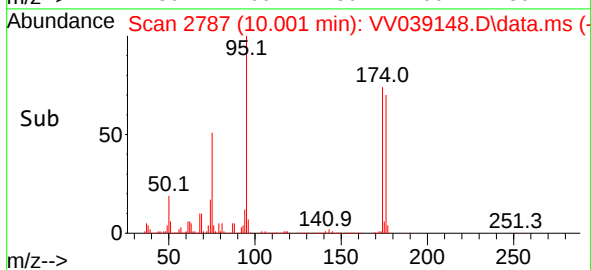
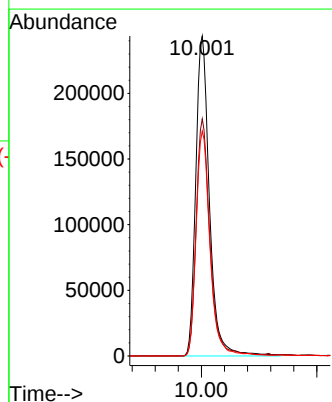
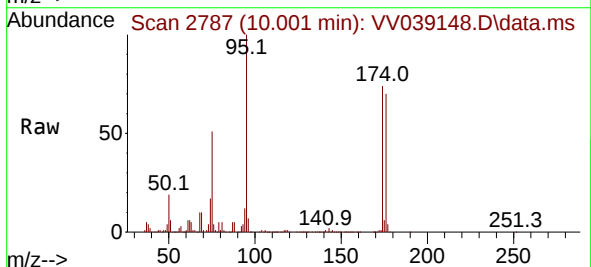
Instrument :
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VV0924WBL01

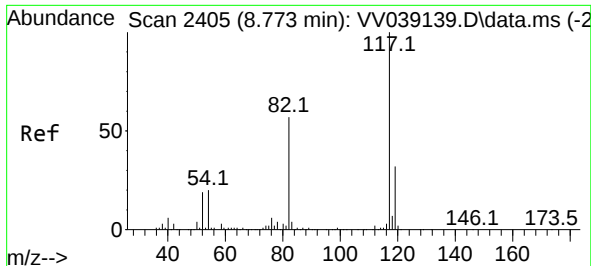
Tgt Ion: 98 Resp: 894968
Ion Ratio Lower Upper
98 100
100 63.4 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 48.026 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV039148.D
Acq: 24 Sep 2025 13:09

Tgt Ion: 95 Resp: 400947
Ion Ratio Lower Upper
95 100
174 74.8 0.0 150.4
176 70.4 0.0 144.2

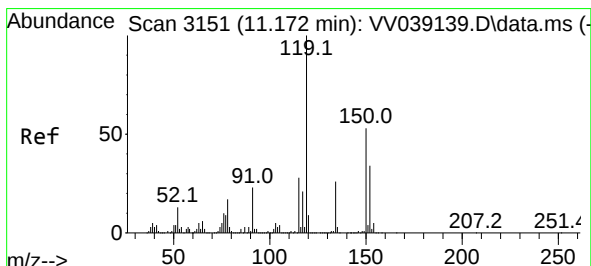
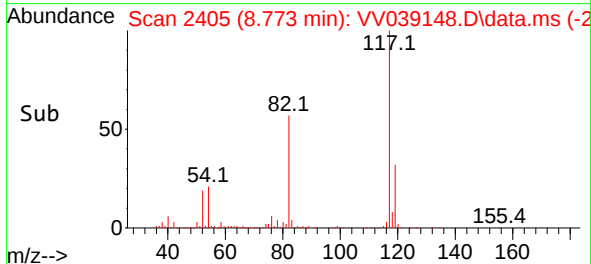
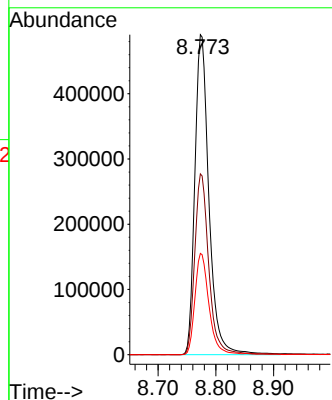
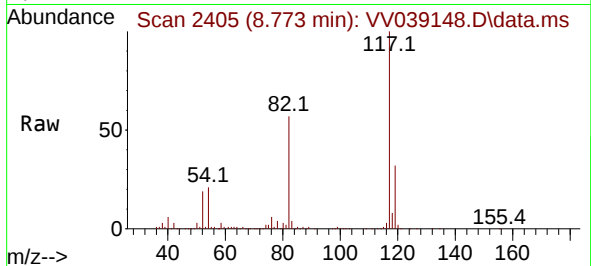




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VV039148.D
Acq: 24 Sep 2025 13:09

Instrument :
MSVOA_V
ClientSampleId :
VV0924WBL01

Tgt Ion:117 Resp: 831675
Ion Ratio Lower Upper
117 100
82 56.5 45.4 68.2
119 31.7 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.175 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VV039148.D
Acq: 24 Sep 2025 13:09

Tgt Ion:152 Resp: 379013
Ion Ratio Lower Upper
152 100
115 61.8 44.8 134.4
150 157.4 0.0 353.8

