

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV070325\
 Data File : VV038854.D
 Acq On : 03 Jul 2025 11:55
 Operator : SY/MD
 Sample : VV0703WBL03
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV0703WBL03

Quant Time: Jul 04 03:53:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 02:44:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	412637	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	714304	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	668900	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	323075	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	271225	58.648	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	117.300%
35) Dibromofluoromethane	4.503	113	232882	51.471	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	102.940%
50) Toluene-d8	7.236	98	663921	45.354	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	90.700%
62) 4-Bromofluorobenzene	10.001	95	280174	47.372	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	94.740%

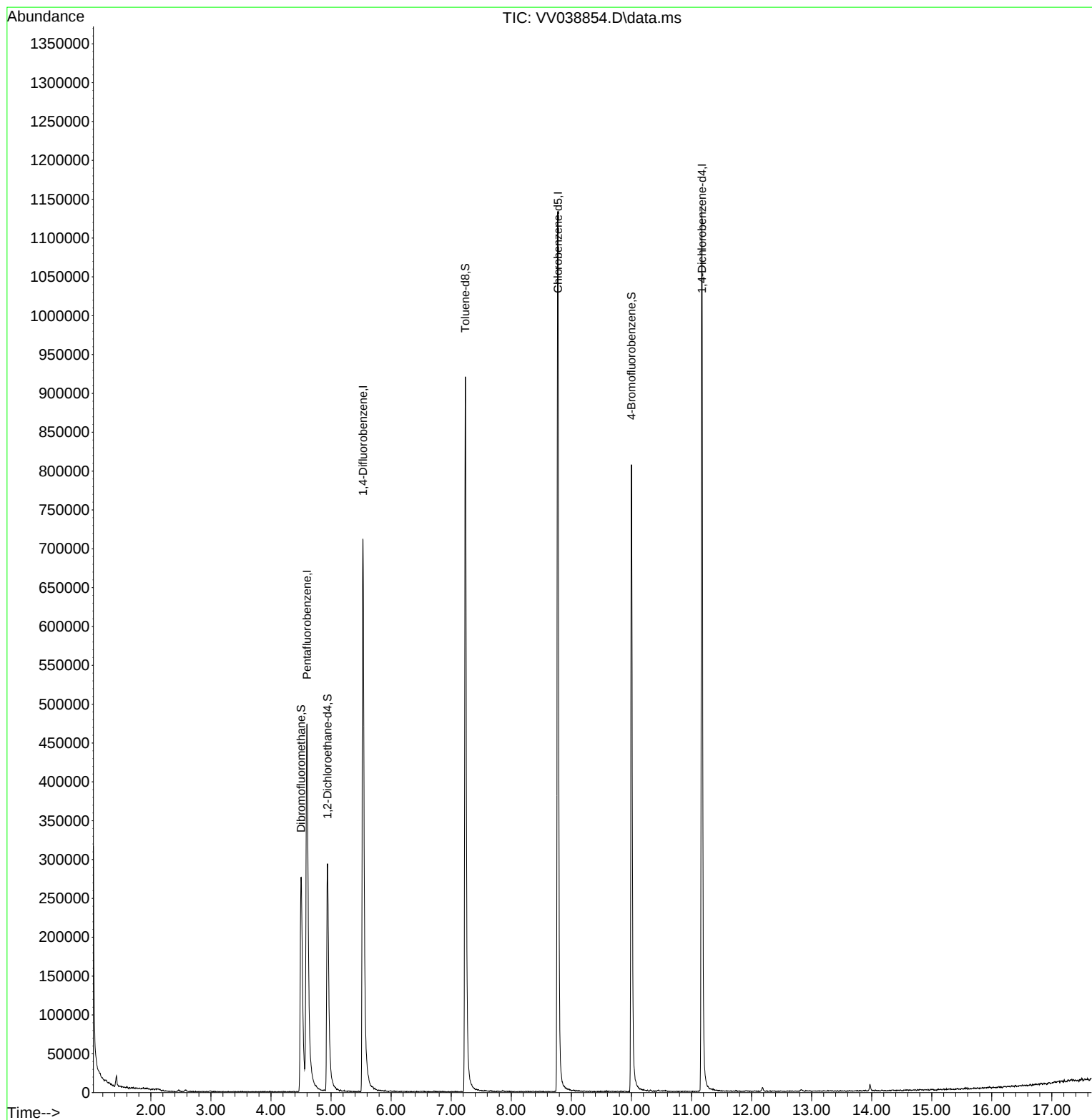
Target Compounds	Qvalue

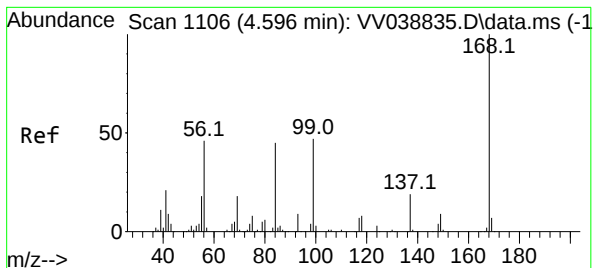
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.600 min Scan# 1106

Delta R.T. 0.004 min

Lab File: VV038854.D

Acq: 03 Jul 2025 11:55

Instrument :

MSVOA_V

ClientSampleId :

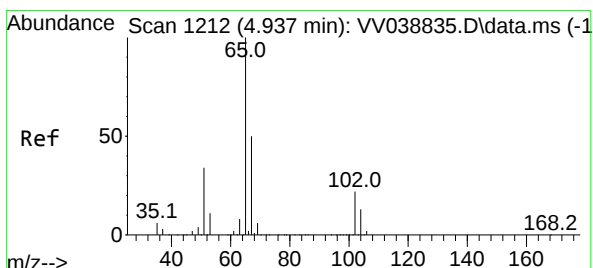
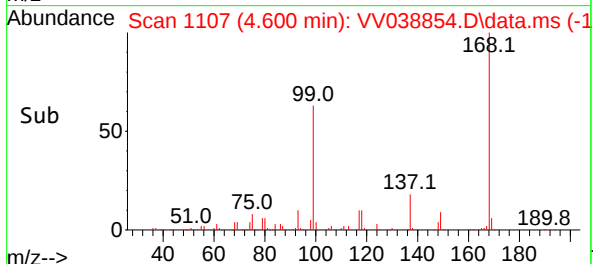
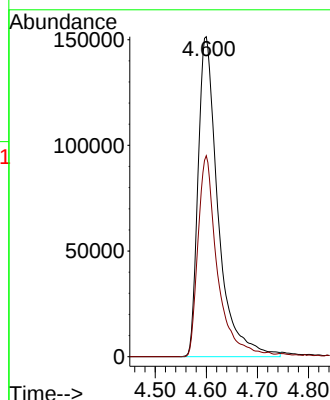
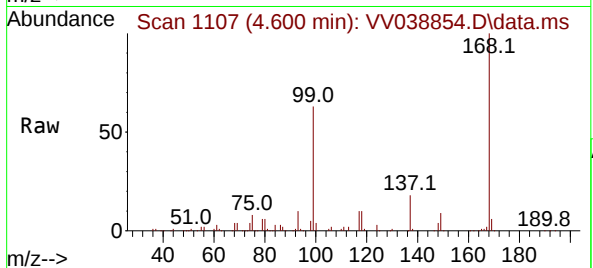
VV0703WBL03

Tgt Ion:168 Resp: 412637

Ion Ratio Lower Upper

168 100

99 62.8 48.6 73.0



#33

1,2-Dichloroethane-d4

Concen: 58.648 ug/l

RT: 4.941 min Scan# 1213

Delta R.T. 0.003 min

Lab File: VV038854.D

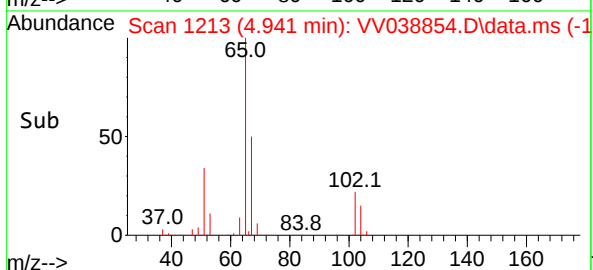
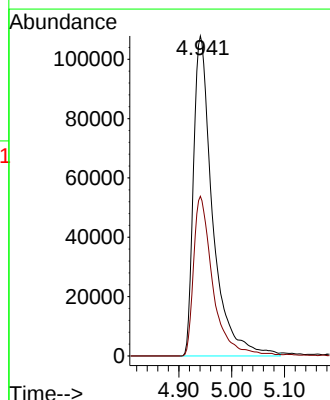
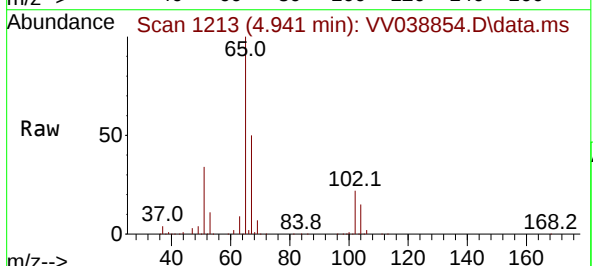
Acq: 03 Jul 2025 11:55

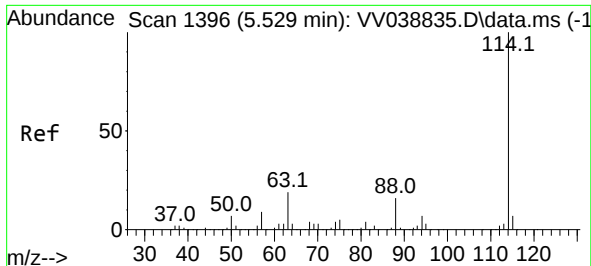
Tgt Ion: 65 Resp: 271225

Ion Ratio Lower Upper

65 100

67 49.8 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV038854.D

Acq: 03 Jul 2025 11:55

Instrument :

MSVOA_V

ClientSampleId :

VV0703WBL03

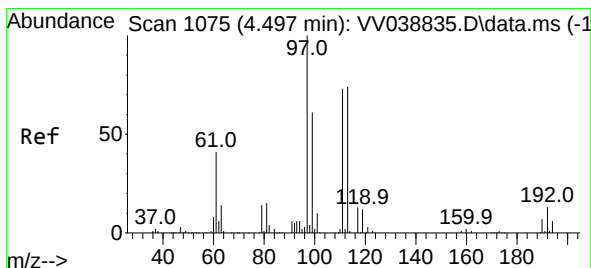
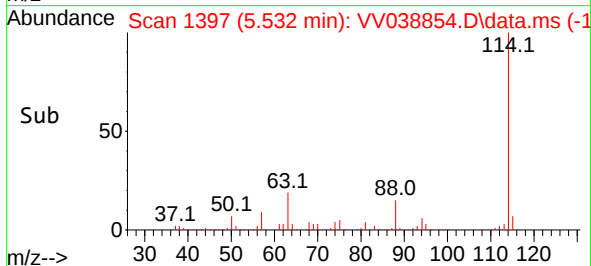
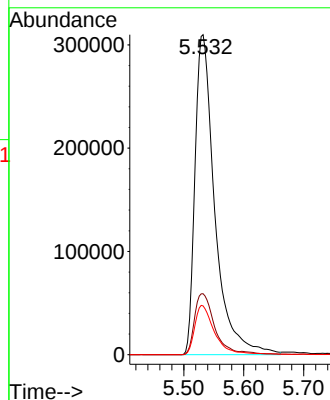
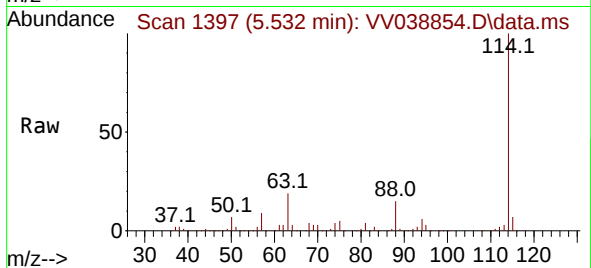
Tgt Ion:114 Resp: 714304

Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.4

88 15.2 0.0 31.2



#35

Dibromofluoromethane

Concen: 51.471 ug/l

RT: 4.503 min Scan# 1077

Delta R.T. 0.006 min

Lab File: VV038854.D

Acq: 03 Jul 2025 11:55

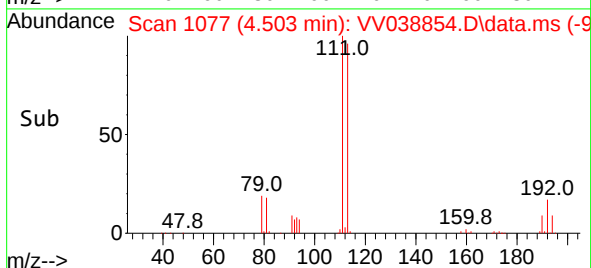
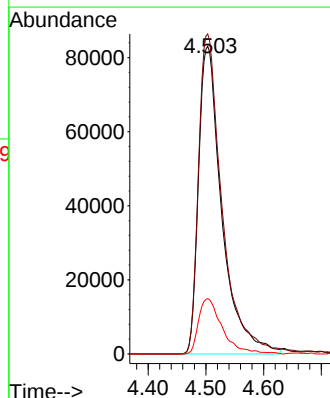
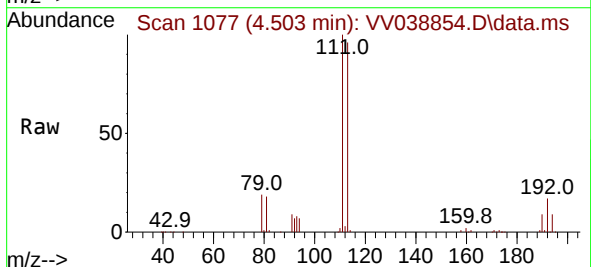
Tgt Ion:113 Resp: 232882

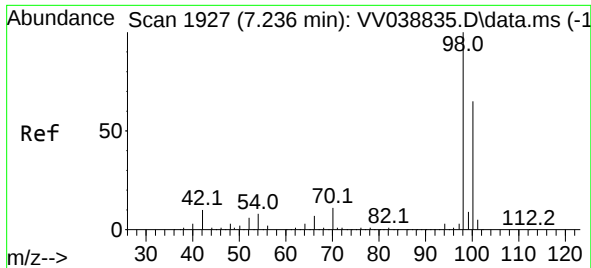
Ion Ratio Lower Upper

113 100

111 105.4 81.5 122.3

192 17.8 14.7 22.1

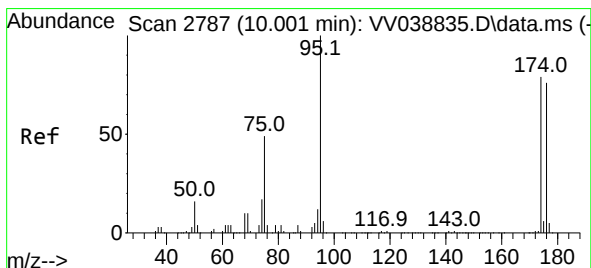
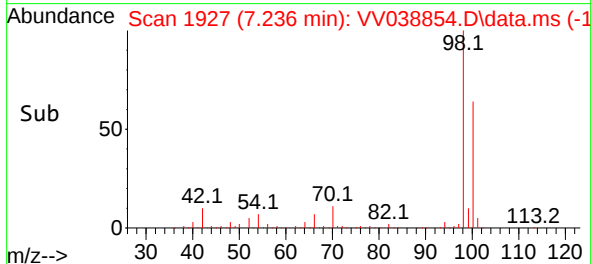
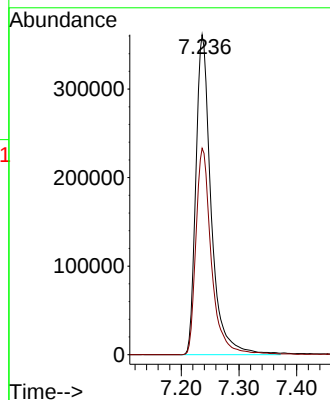
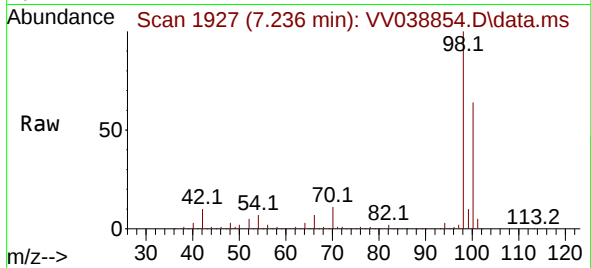




#50
Toluene-d8
Concen: 45.354 ug/l
RT: 7.236 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VV038854.D
Acq: 03 Jul 2025 11:55

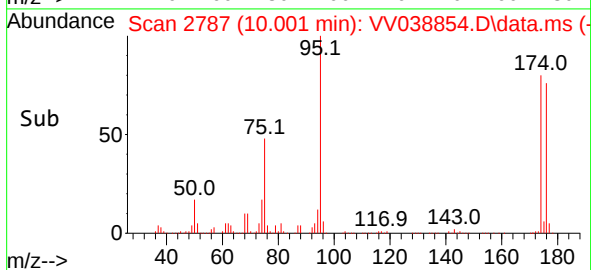
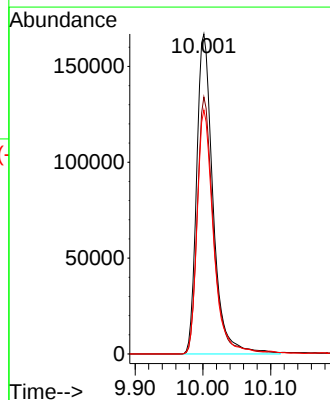
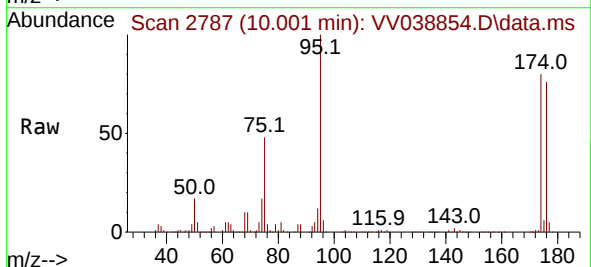
Instrument :
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VV0703WBL03

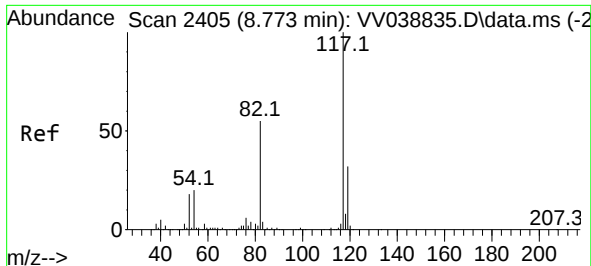
Tgt Ion: 98 Resp: 663921
Ion Ratio Lower Upper
98 100
100 64.8 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 47.372 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.000 min
Lab File: VV038854.D
Acq: 03 Jul 2025 11:55

Tgt Ion: 95 Resp: 280174
Ion Ratio Lower Upper
95 100
174 79.3 0.0 158.2
176 76.0 0.0 154.4

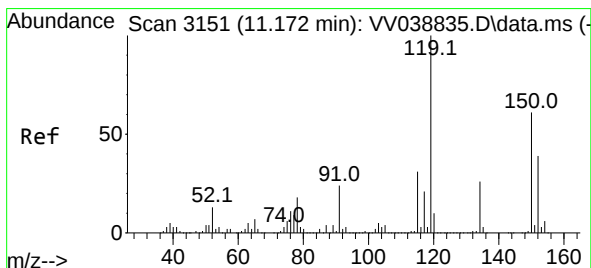
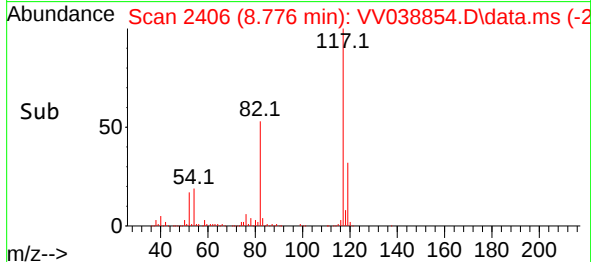
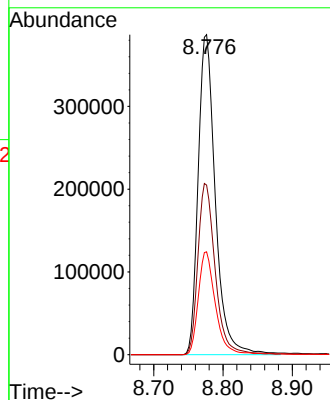
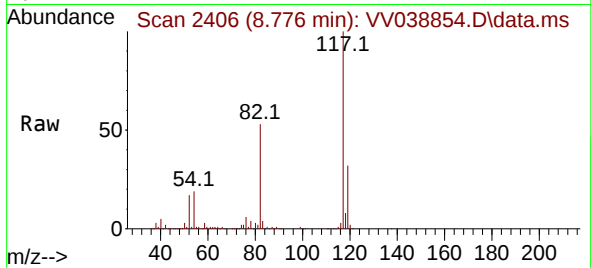




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VV038854.D
Acq: 03 Jul 2025 11:55

Instrument :
MSVOA_V
ClientSampleId :
VV0703WBL03

Tgt Ion:117 Resp: 668900
Ion Ratio Lower Upper
117 100
82 53.0 44.2 66.4
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.175 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VV038854.D
Acq: 03 Jul 2025 11:55

Tgt Ion:152 Resp: 323075
Ion Ratio Lower Upper
152 100
115 60.1 42.0 126.0
150 156.3 0.0 343.6

