

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV070325\
 Data File : VV038855.D
 Acq On : 03 Jul 2025 12:41
 Operator : SY/MD
 Sample : VV0703WBL04
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV0703WBL04

Quant Time: Jul 04 03:53:51 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	409047	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	710980	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	666631	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	314527	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	269187	58.719	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	117.440%
35) Dibromofluoromethane	4.503	113	232417	51.608	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	103.220%
50) Toluene-d8	7.236	98	662571	45.473	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	90.940%
62) 4-Bromofluorobenzene	10.002	95	270533	45.956	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	91.920%

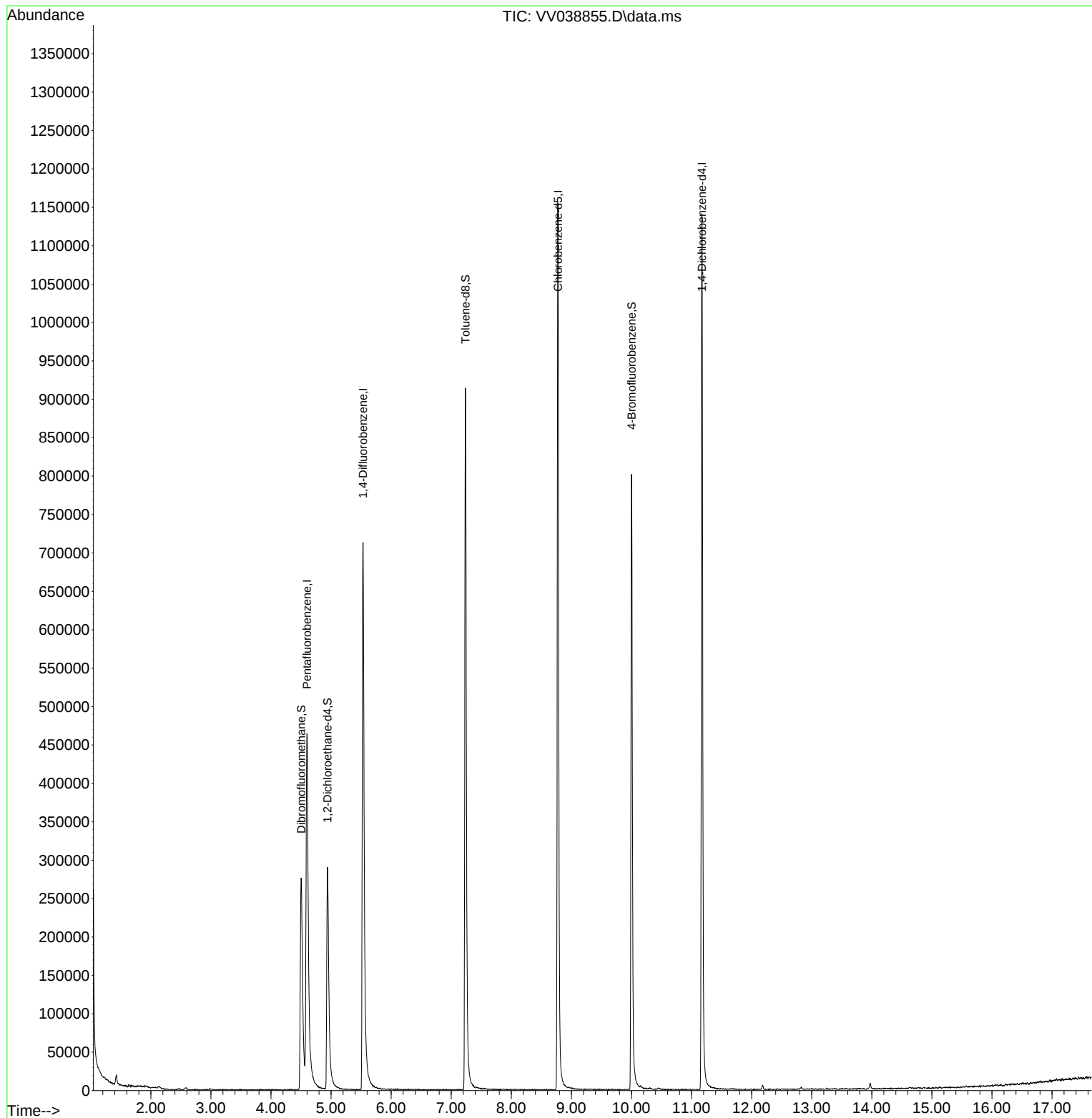
Target Compounds	Qvalue

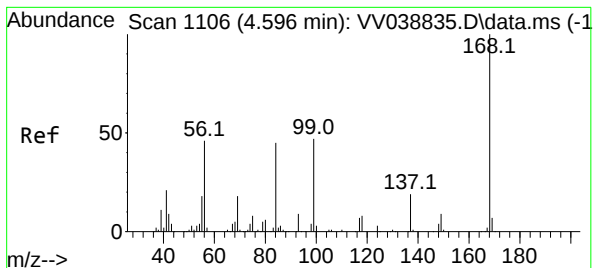
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VV038855.D

Acq: 03 Jul 2025 12:41

Instrument :

MSVOA_V

ClientSampleId :

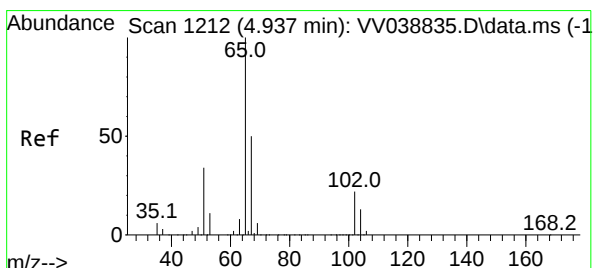
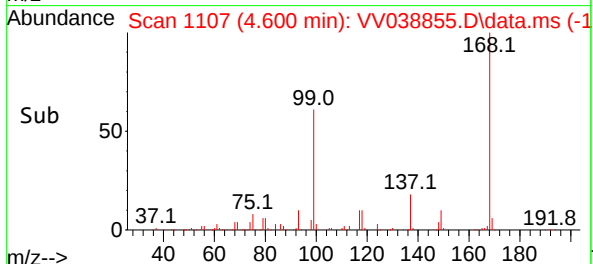
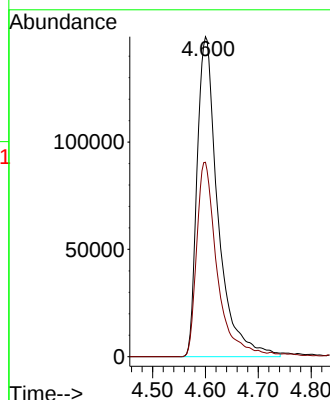
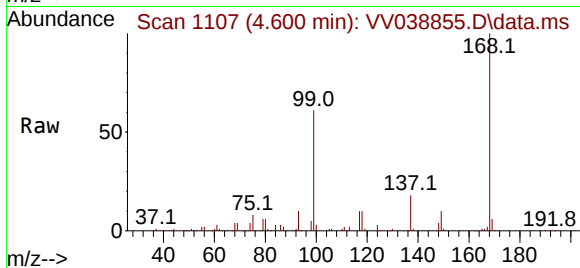
VV0703WBL04

Tgt Ion:168 Resp: 409047

Ion Ratio Lower Upper

168 100

99 60.7 48.6 73.0



#33

1,2-Dichloroethane-d4

Concen: 58.719 ug/l

RT: 4.941 min Scan# 1213

Delta R.T. 0.003 min

Lab File: VV038855.D

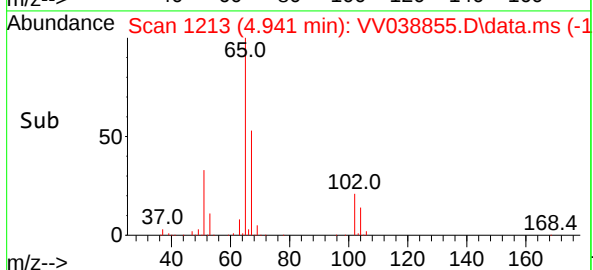
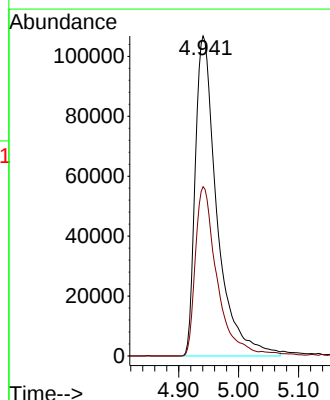
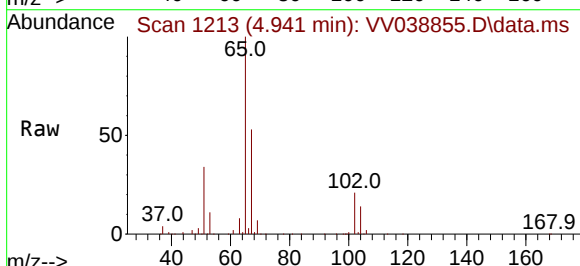
Acq: 03 Jul 2025 12:41

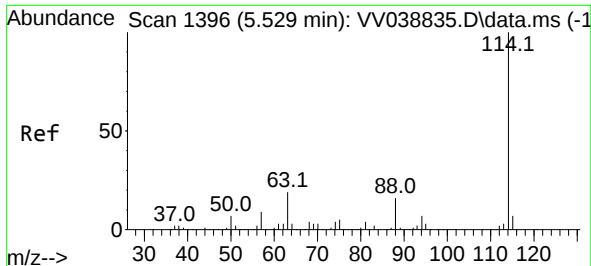
Tgt Ion: 65 Resp: 269187

Ion Ratio Lower Upper

65 100

67 52.1 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: VV038855.D

Acq: 03 Jul 2025 12:41

Instrument :

MSVOA_V

ClientSampleId :

VV0703WBL04

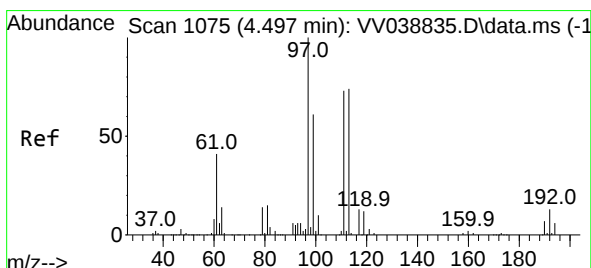
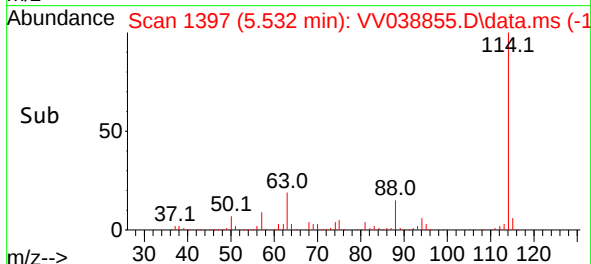
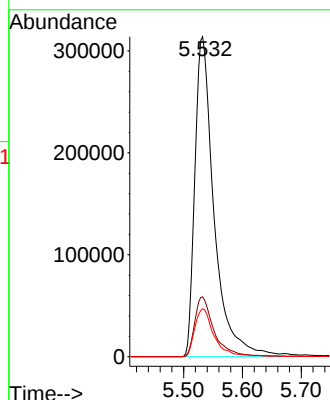
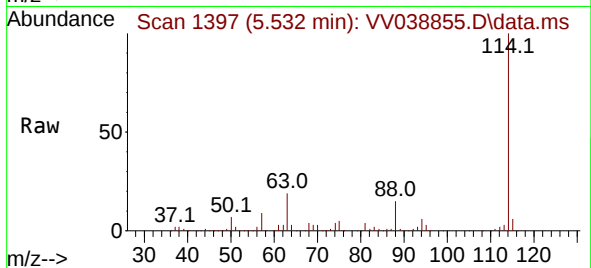
Tgt Ion:114 Resp: 710980

Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.4

88 15.0 0.0 31.2



#35

Dibromofluoromethane

Concen: 51.608 ug/l

RT: 4.503 min Scan# 1077

Delta R.T. 0.007 min

Lab File: VV038855.D

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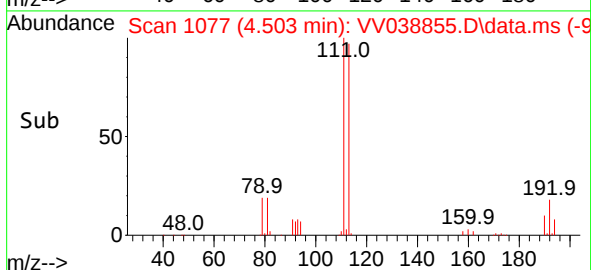
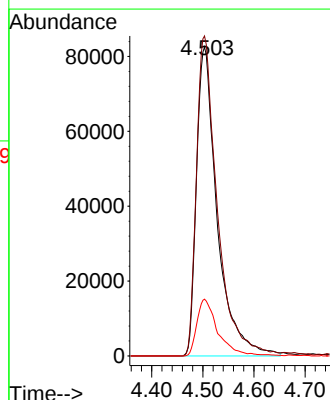
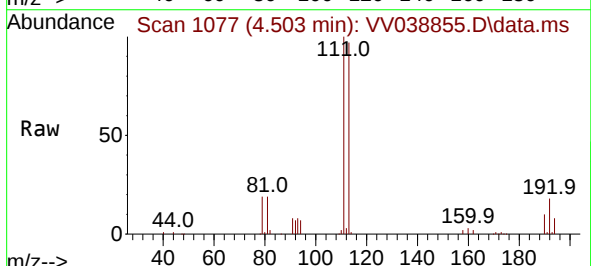
Tgt Ion:113 Resp: 232417

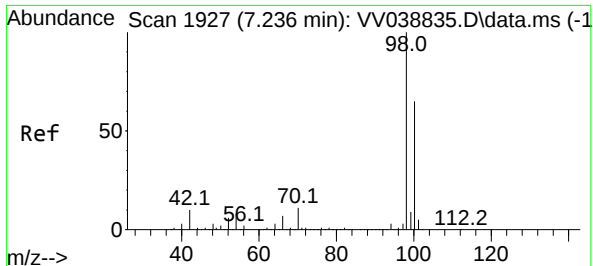
Ion Ratio Lower Upper

113 100

111 104.0 81.5 122.3

192 18.2 14.7 22.1

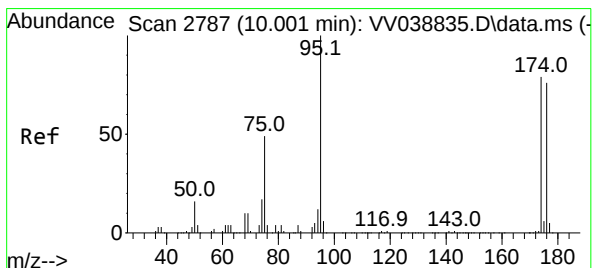
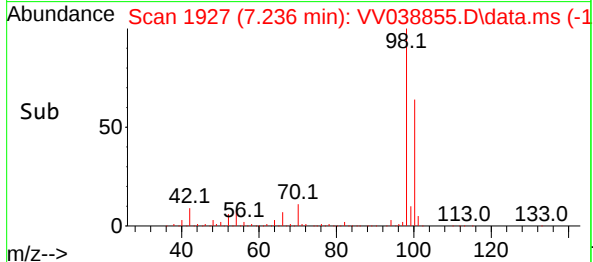
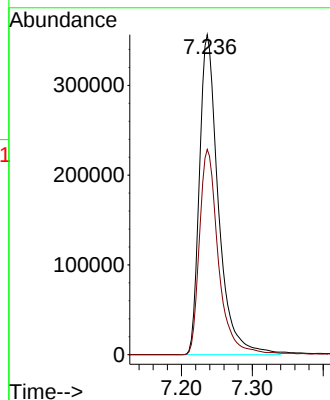
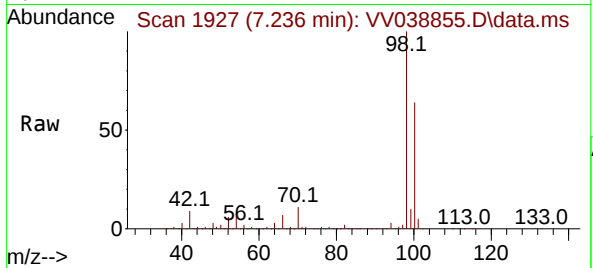




#50
Toluene-d8
Concen: 45.473 ug/l
RT: 7.236 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VV038855.D
Acq: 03 Jul 2025 12:41

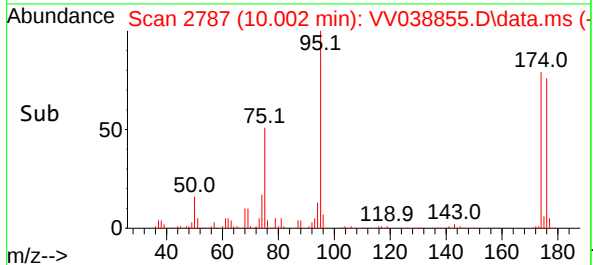
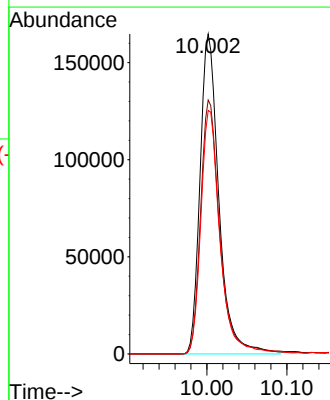
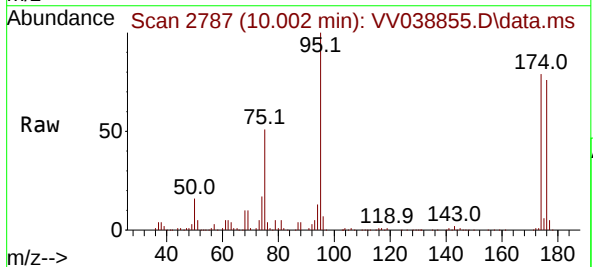
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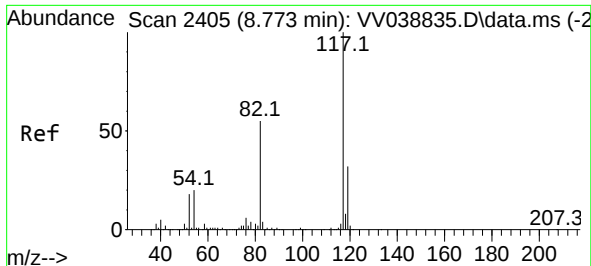
Tgt Ion: 98 Resp: 662571
Ion Ratio Lower Upper
98 100
100 64.5 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 45.956 ug/l
RT: 10.002 min Scan# 2787
Delta R.T. 0.000 min
Lab File: VV038855.D
Acq: 03 Jul 2025 12:41

Tgt Ion: 95 Resp: 270533
Ion Ratio Lower Upper
95 100
174 80.6 0.0 158.2
176 77.5 0.0 154.4

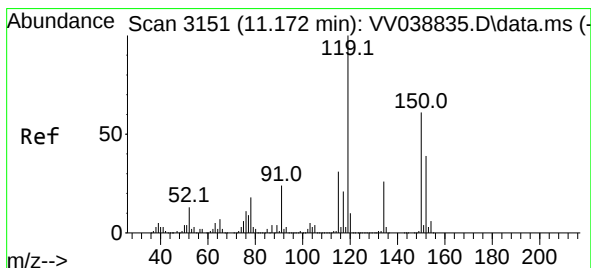
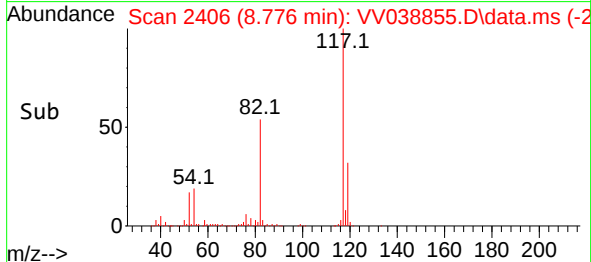
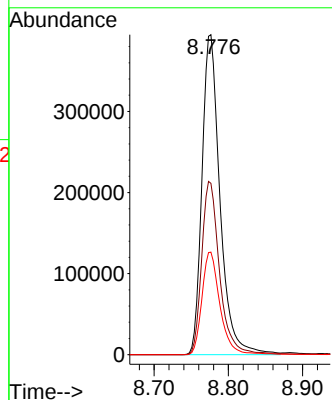
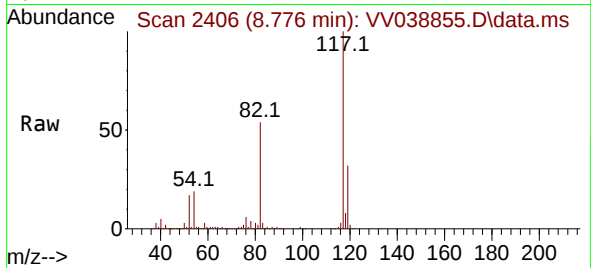




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VV038855.D
Acq: 03 Jul 2025 12:41

Instrument :
MSVOA_V
ClientSampleId :
VV0703WBL04

Tgt Ion:117 Resp: 666631
Ion Ratio Lower Upper
117 100
82 53.5 44.2 66.4
119 32.1 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: VV038855.D
Acq: 03 Jul 2025 12:41

Tgt Ion:152 Resp: 314527
Ion Ratio Lower Upper
152 100
115 60.3 42.0 126.0
150 156.6 0.0 343.6

