

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV070725\
 Data File : VV038867.D
 Acq On : 07 Jul 2025 12:50
 Operator : SY/MD
 Sample : VV0707WBL03
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV0707WBL03

Quant Time: Jul 08 02:39:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V070225W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 08 02:37:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	408431	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	716173	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	681665	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	322968	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	269615	58.901	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	117.800%
35) Dibromofluoromethane	4.506	113	241138	53.156	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	106.320%
50) Toluene-d8	7.239	98	677242	46.143	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	92.280%
62) 4-Bromofluorobenzene	10.001	95	287126	48.421	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	96.840%

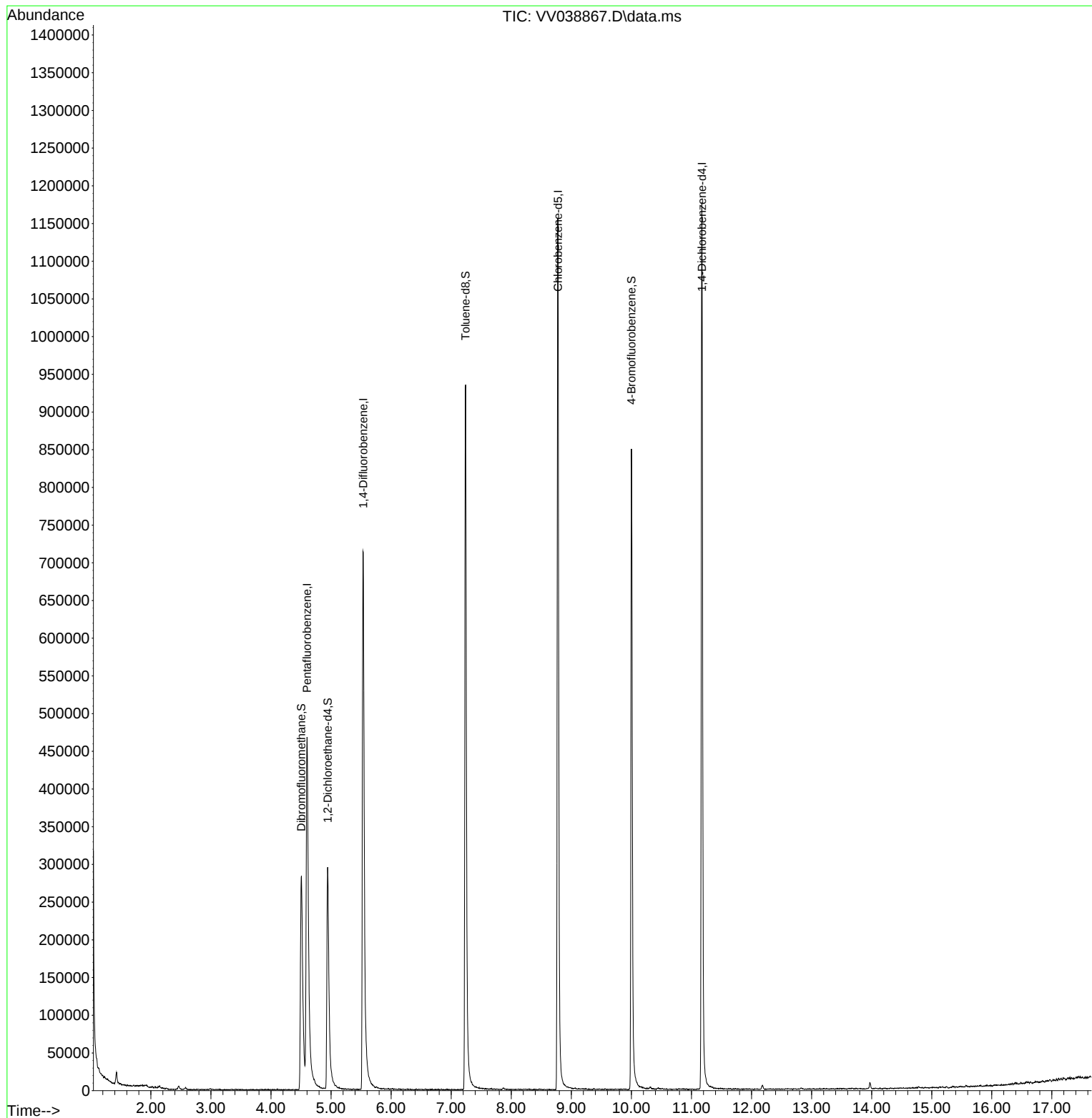
Target Compounds	Qvalue

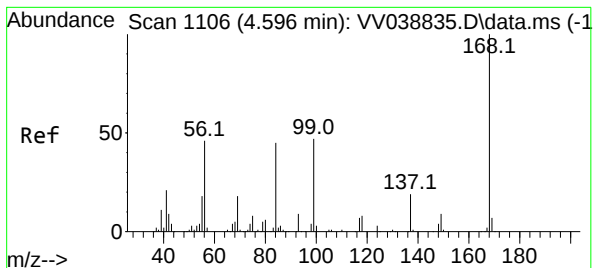
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VV038867.D

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Instrument :

MSVOA_V

ClientSampleId :

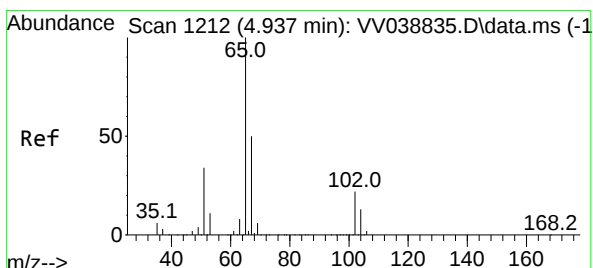
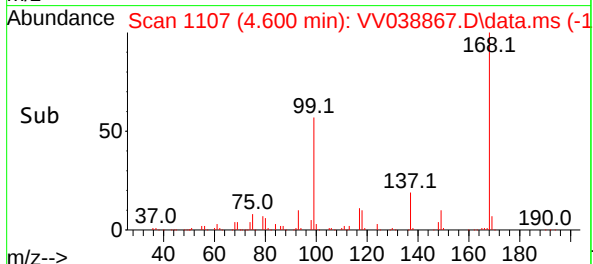
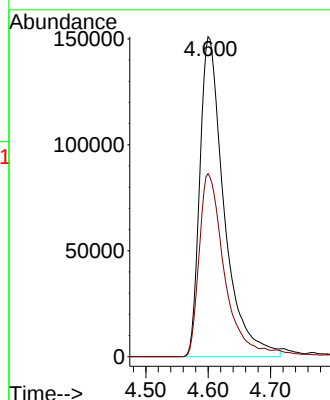
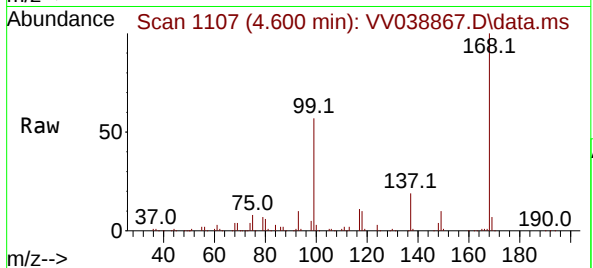
VV0707WBL03

Tgt Ion:168 Resp: 408431

Ion Ratio Lower Upper

168 100

99 57.2 48.6 73.0



#33

1,2-Dichloroethane-d4

Concen: 58.901 ug/l

RT: 4.944 min Scan# 1214

Delta R.T. 0.006 min

Lab File: VV038867.D

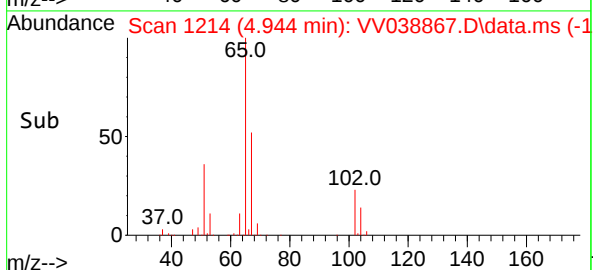
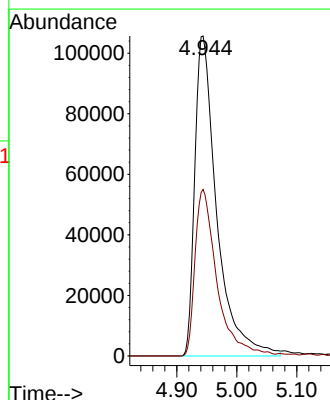
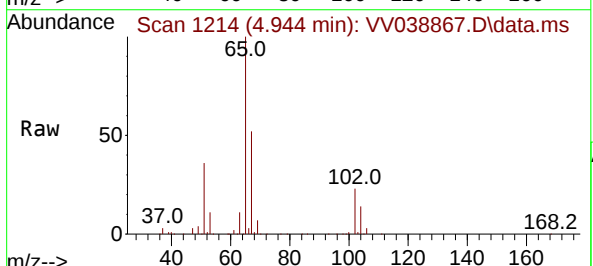
Acq: 07 Jul 2025 12:50

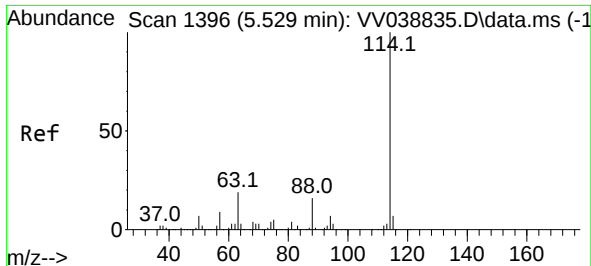
Tgt Ion: 65 Resp: 269615

Ion Ratio Lower Upper

65 100

67 51.9 0.0 105.0

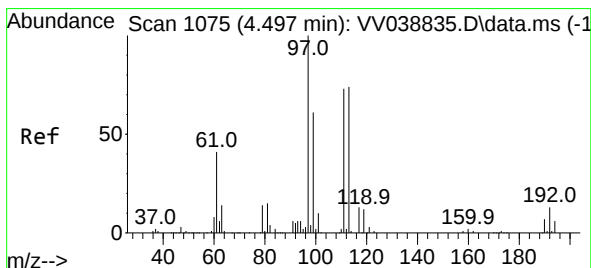
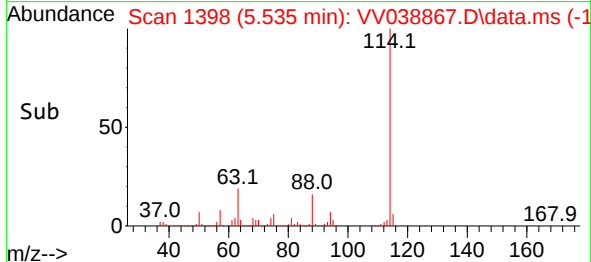
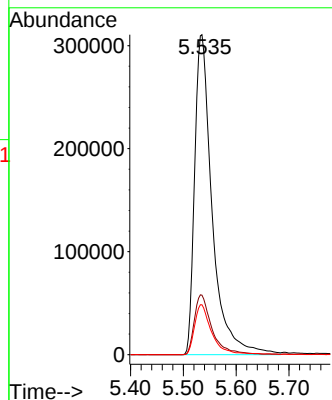
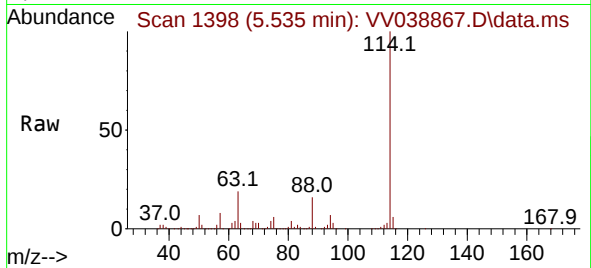




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.535 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV038867.D
Acq: 07 Jul 2025 12:50

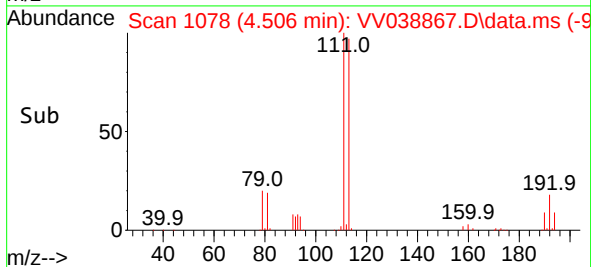
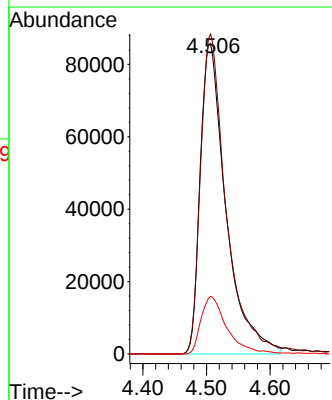
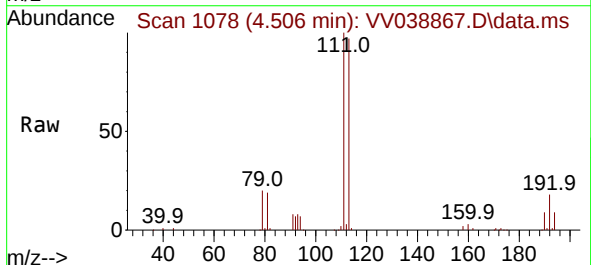
Instrument :
MSVOA_V
ClientSampleId :
VV0707WBL03

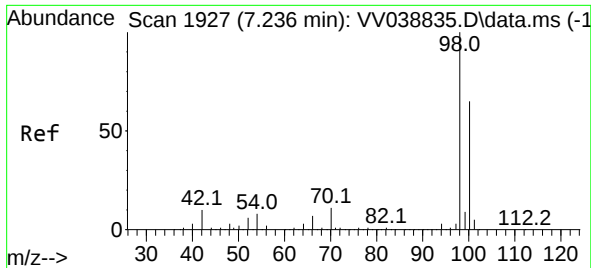
Tgt Ion:114 Resp: 716173
Ion Ratio Lower Upper
114 100
63 18.6 0.0 38.4
88 15.6 0.0 31.2



#35
Dibromofluoromethane
Concen: 53.156 ug/l
RT: 4.506 min Scan# 1078
Delta R.T. 0.010 min
Lab File: VV038867.D
Acq: 07 Jul 2025 12:50

Tgt Ion:113 Resp: 241138
Ion Ratio Lower Upper
113 100
111 102.7 81.5 122.3
192 18.2 14.7 22.1

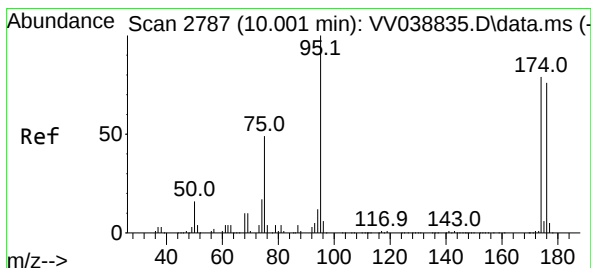
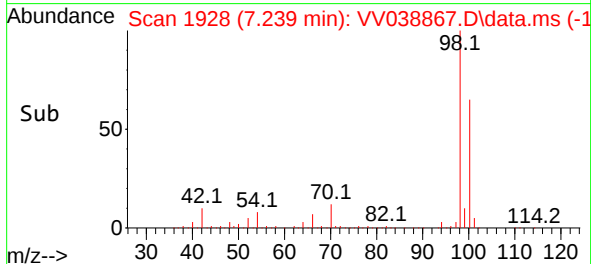
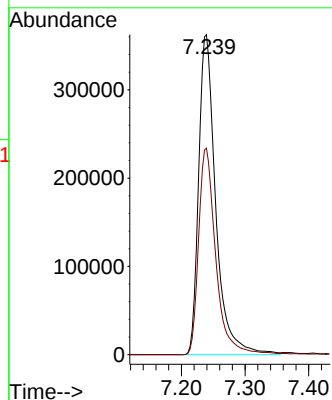
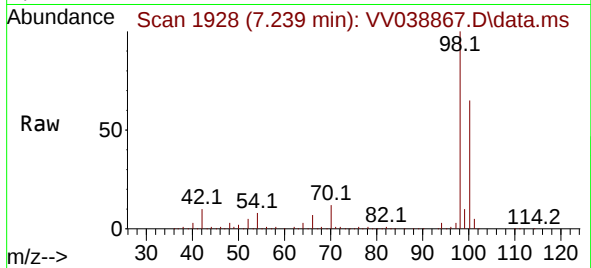




#50
Toluene-d8
Concen: 46.143 ug/l
RT: 7.239 min Scan# 1927
Delta R.T. 0.003 min
Lab File: VV038867.D
Acq: 07 Jul 2025 12:50

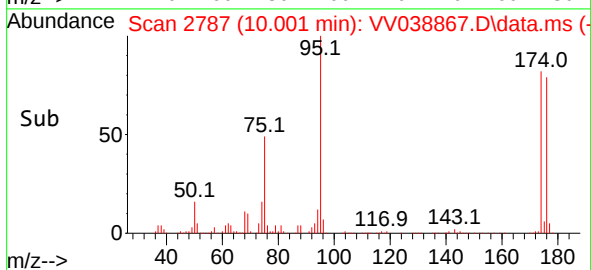
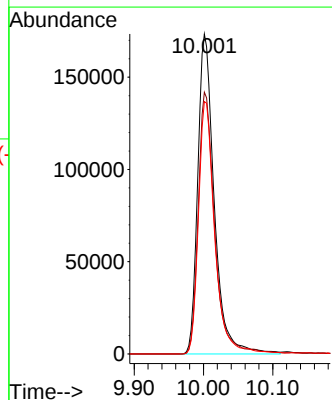
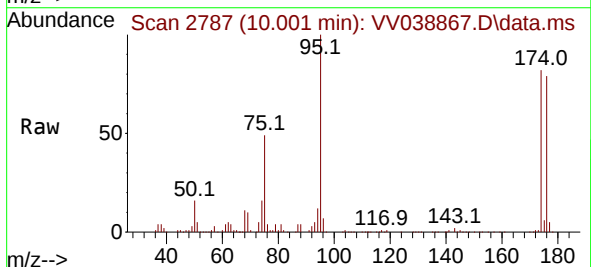
Instrument :
MSVOA_V
ClientSampleId :
VV0707WBL03

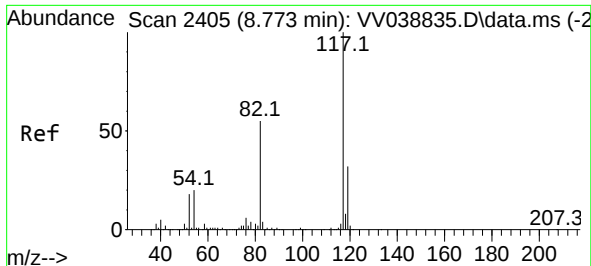
Tgt Ion: 98 Resp: 677242
Ion Ratio Lower Upper
98 100
100 65.0 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 48.421 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.000 min
Lab File: VV038867.D
Acq: 07 Jul 2025 12:50

Tgt Ion: 95 Resp: 287126
Ion Ratio Lower Upper
95 100
174 81.5 0.0 158.2
176 78.3 0.0 154.4

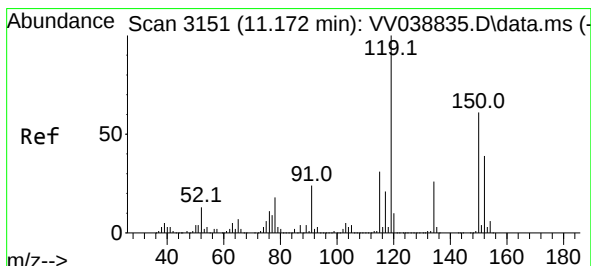
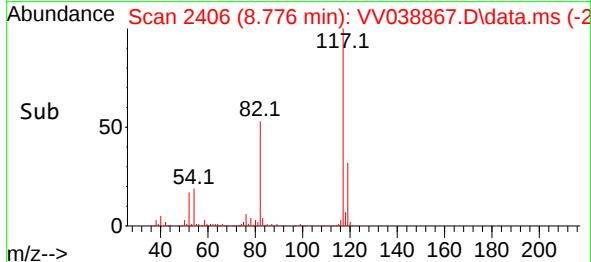
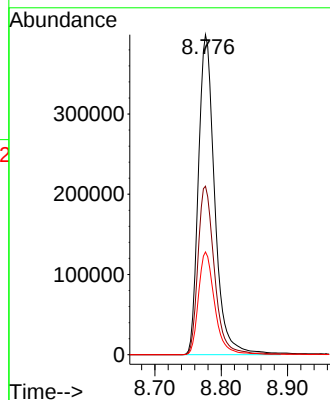
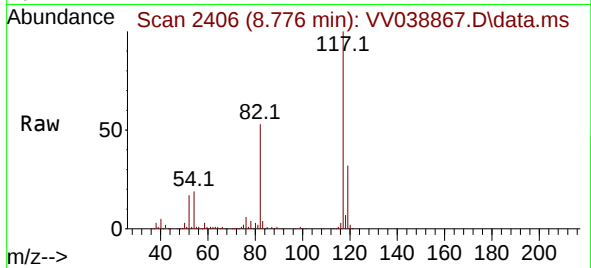




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2406
Delta R.T. 0.003 min
Lab File: VV038867.D
Acq: 07 Jul 2025 12:50

Instrument :
MSVOA_V
ClientSampleId :
VV0707WBL03

Tgt Ion:117 Resp: 681665
Ion Ratio Lower Upper
117 100
82 52.7 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: VV038867.D
Acq: 07 Jul 2025 12:50

Tgt Ion:152 Resp: 322968
Ion Ratio Lower Upper
152 100
115 60.9 42.0 126.0
150 158.5 0.0 343.6

