

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV070725\
 Data File : VV038866.D
 Acq On : 07 Jul 2025 12:28
 Operator : SY/MD
 Sample : VV0707WBL02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV0707WBL02

Quant Time: Jul 08 02:38:51 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	4.603	168	426999	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	738137	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	687689	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	341949	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	279653	58.437	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	116.880%
35) Dibromofluoromethane	4.506	113	243737	52.131	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	104.260%
50) Toluene-d8	7.239	98	701922	46.401	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	92.800%
62) 4-Bromofluorobenzene	10.001	95	298109	48.777	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	97.560%

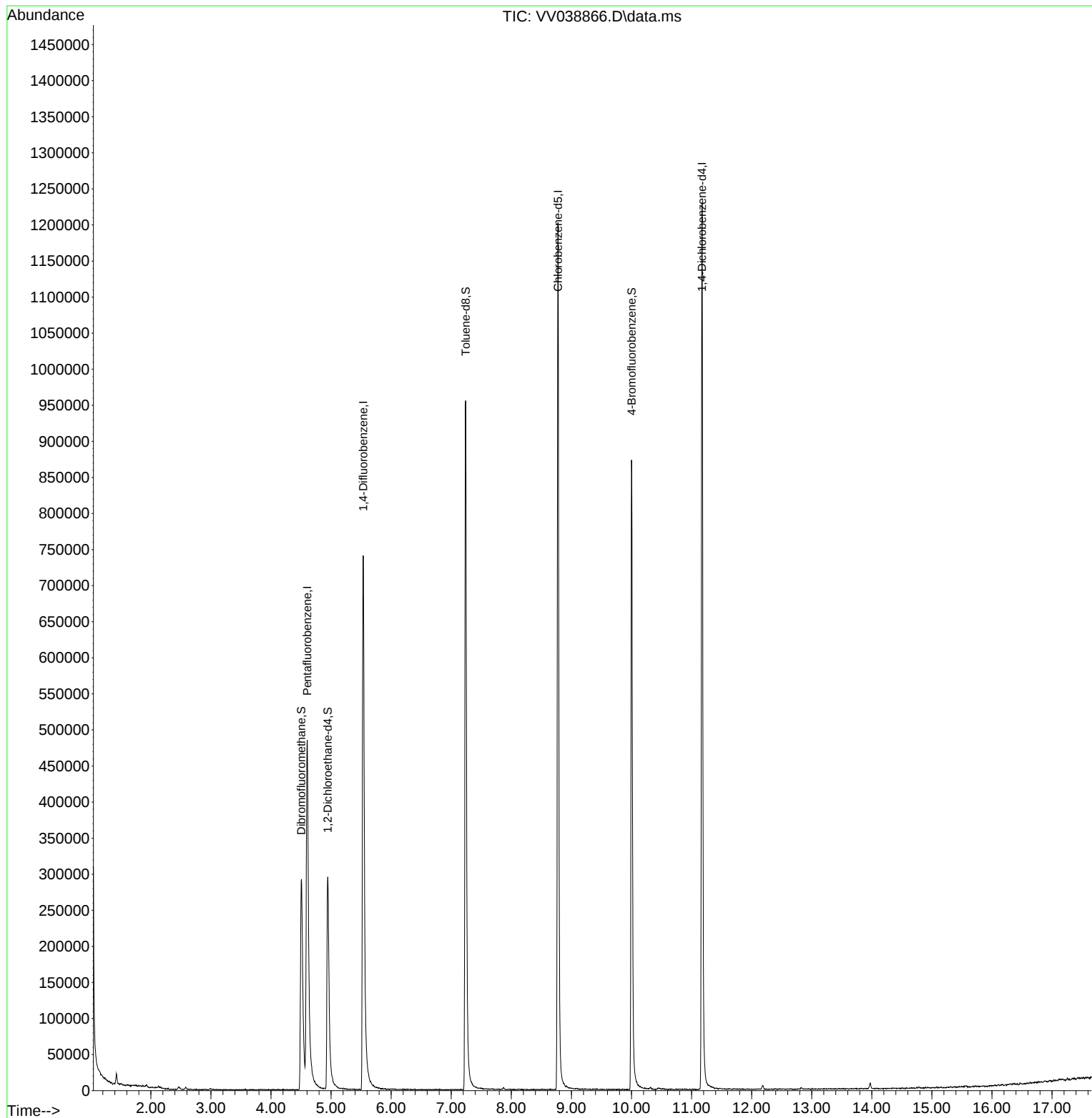
Target Compounds	Qvalue

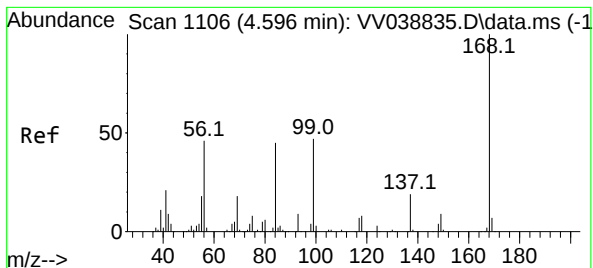
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.603 min Scan# 1106

Delta R.T. 0.007 min

Lab File: VV038866.D

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Instrument :

MSVOA_V

ClientSampleId :

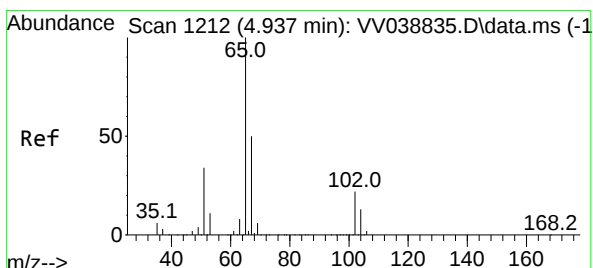
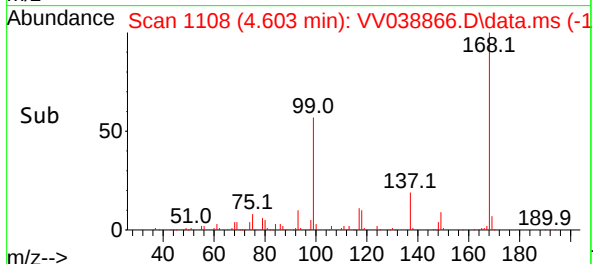
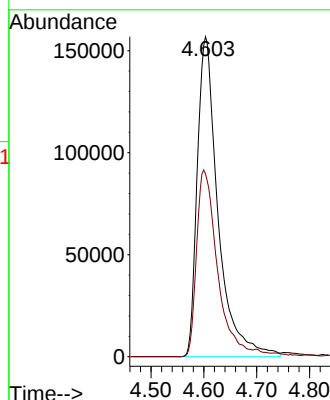
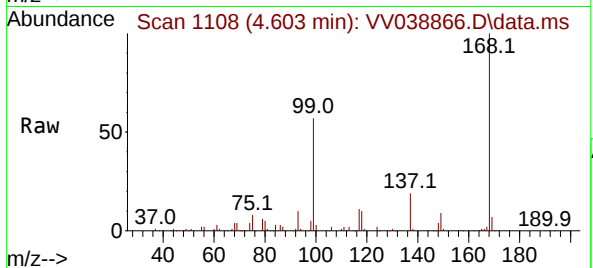
VV0707WBL02

Tgt Ion:168 Resp: 426999

Ion Ratio Lower Upper

168 100

99 57.2 48.6 73.0



#33

1,2-Dichloroethane-d4

Concen: 58.437 ug/l

RT: 4.944 min Scan# 1214

Delta R.T. 0.006 min

Lab File: VV038866.D

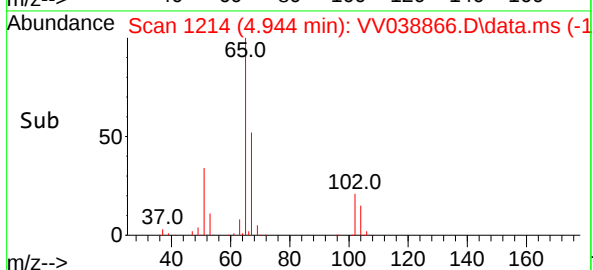
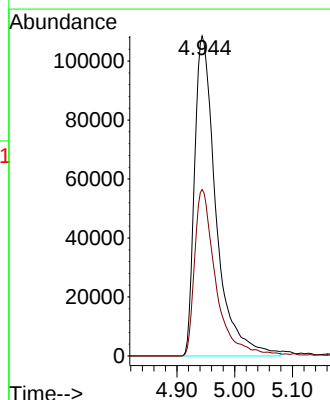
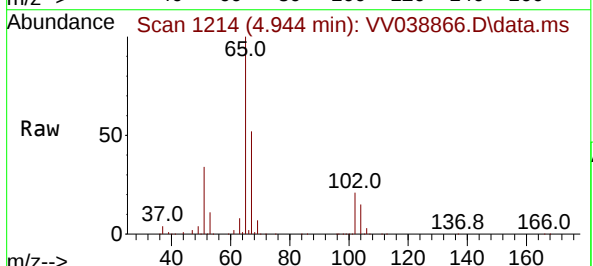
Acq: 07 Jul 2025 12:28

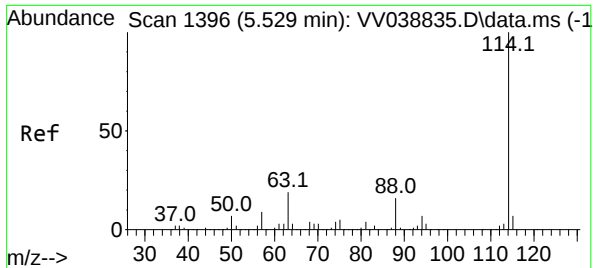
Tgt Ion: 65 Resp: 279653

Ion Ratio Lower Upper

65 100

67 51.6 0.0 105.0

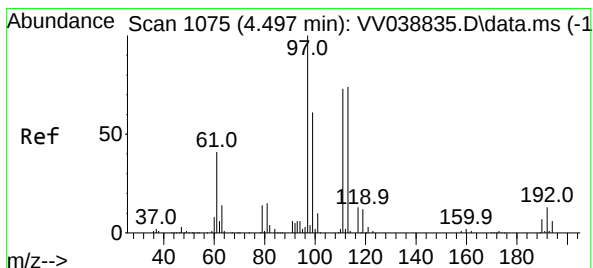
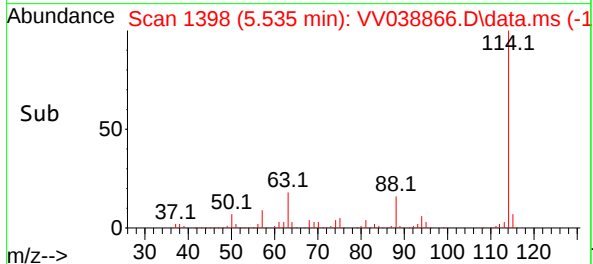
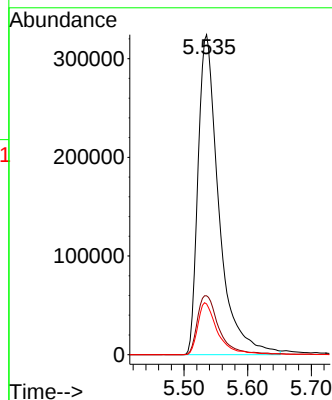
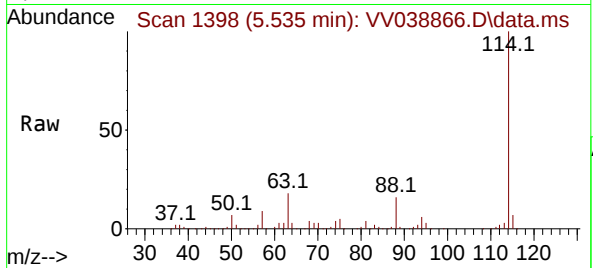




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.535 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV038866.D
Acq: 07 Jul 2025 12:28

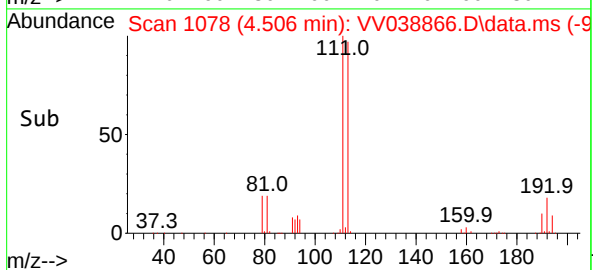
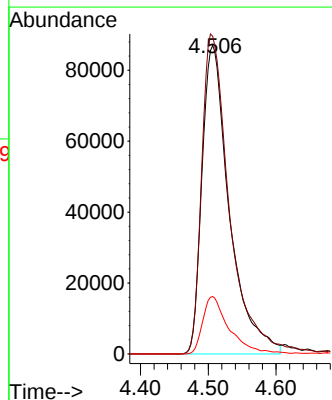
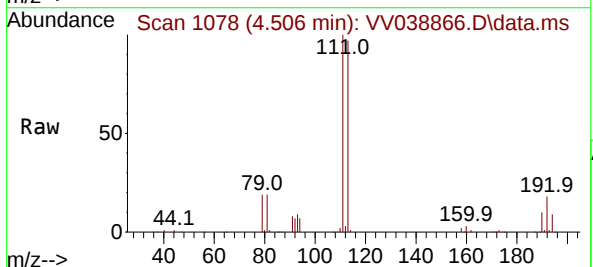
Instrument :
MSVOA_V
ClientSampleId :
VV0707WBL02

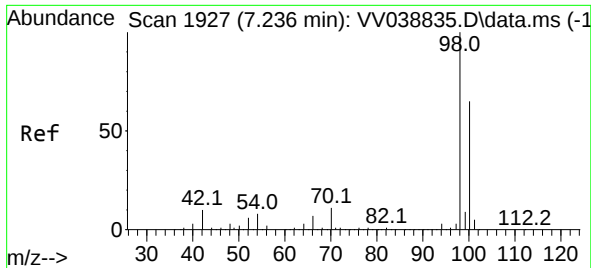
Tgt Ion:114 Resp: 738137
Ion Ratio Lower Upper
114 100
63 18.4 0.0 38.4
88 15.8 0.0 31.2



#35
Dibromofluoromethane
Concen: 52.131 ug/l
RT: 4.506 min Scan# 1078
Delta R.T. 0.010 min
Lab File: VV038866.D
Acq: 07 Jul 2025 12:28

Tgt Ion:113 Resp: 243737
Ion Ratio Lower Upper
113 100
111 105.7 81.5 122.3
192 17.5 14.7 22.1

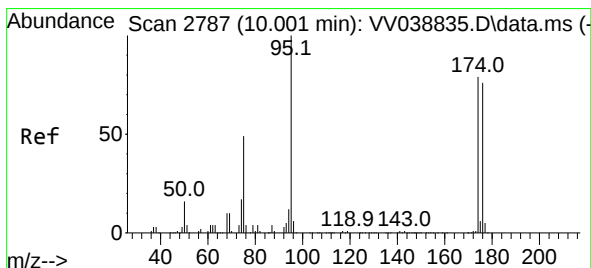
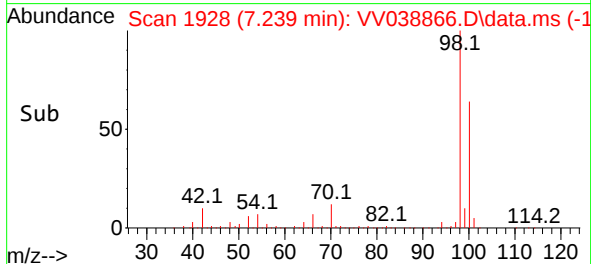
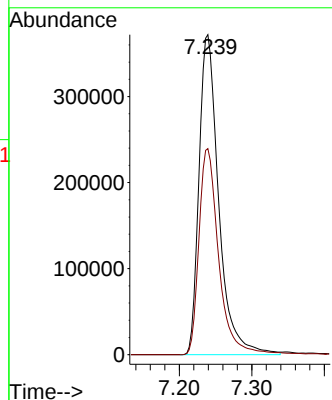
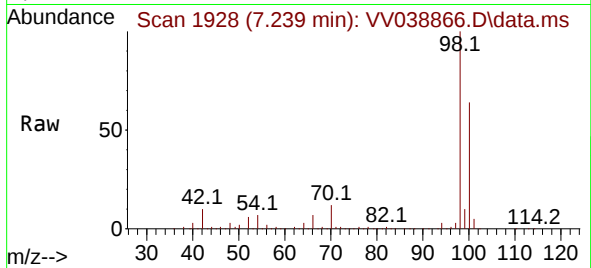




#50
Toluene-d8
Concen: 46.401 ug/l
RT: 7.239 min Scan# 1927
Delta R.T. 0.003 min
Lab File: VV038866.D
Acq: 07 Jul 2025 12:28

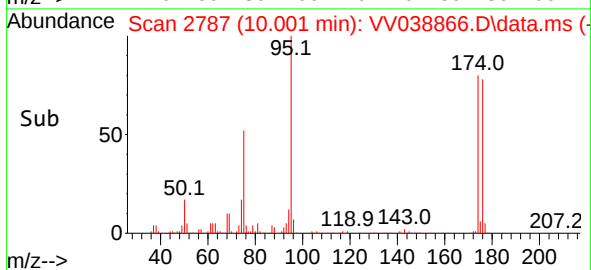
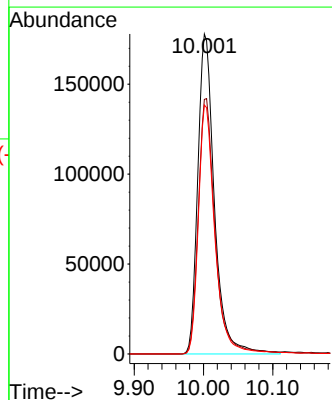
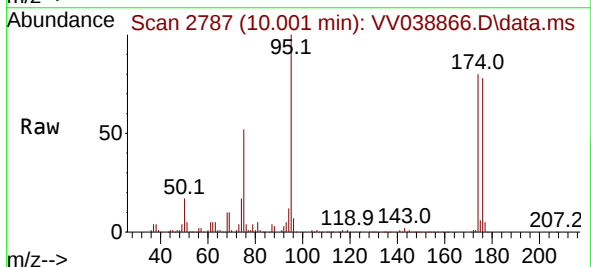
Instrument :
MSVOA_V
ClientSampleId :
VV0707WBL02

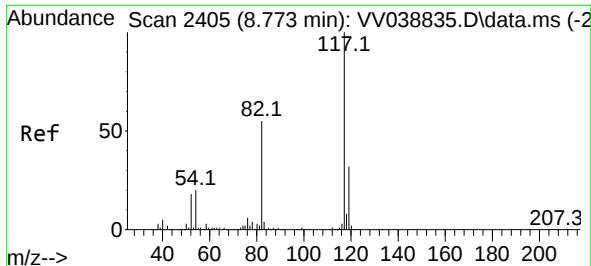
Tgt Ion: 98 Resp: 701922
Ion Ratio Lower Upper
98 100
100 64.9 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 48.777 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.000 min
Lab File: VV038866.D
Acq: 07 Jul 2025 12:28

Tgt Ion: 95 Resp: 298109
Ion Ratio Lower Upper
95 100
174 80.6 0.0 158.2
176 77.6 0.0 154.4

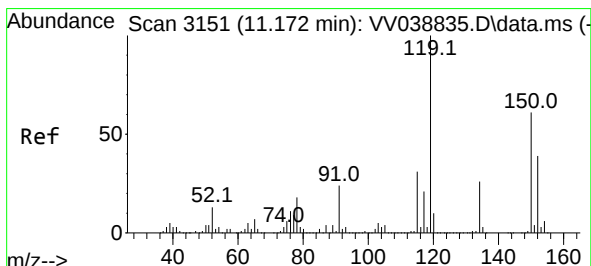
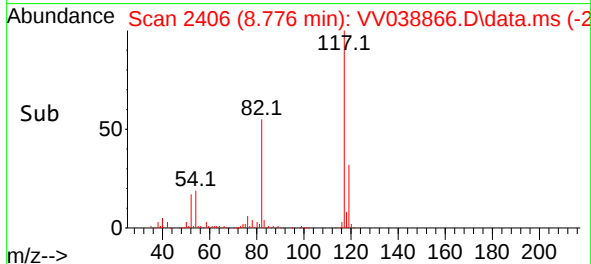
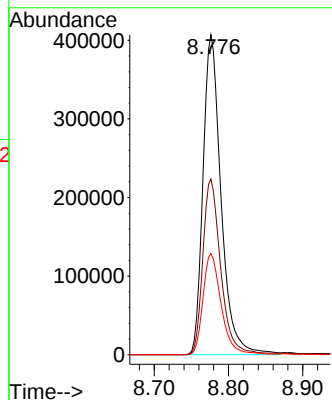
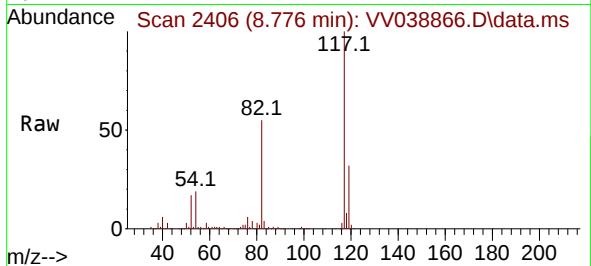




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VV038866.D
Acq: 07 Jul 2025 12:28

Instrument :
MSVOA_V
ClientSampleId :
VV0707WBL02

Tgt Ion:117 Resp: 687689
Ion Ratio Lower Upper
117 100
82 54.9 44.2 66.4
119 31.6 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: VV038866.D
Acq: 07 Jul 2025 12:28

Tgt Ion:152 Resp: 341949
Ion Ratio Lower Upper
152 100
115 58.0 42.0 126.0
150 153.5 0.0 343.6

