

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV070725\
 Data File : VV038865.D
 Acq On : 07 Jul 2025 10:57
 Operator : SY/MD
 Sample : VV0707WBL01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV0707WBL01

Quant Time: Jul 08 02:38:27 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	455195	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	782189	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	737155	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	351416	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	279457	54.779	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	109.560%
35) Dibromofluoromethane	4.503	113	255286	51.526	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	103.060%
50) Toluene-d8	7.236	98	722880	45.096	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	90.200%
62) 4-Bromofluorobenzene	10.001	95	308252	47.596	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	95.200%

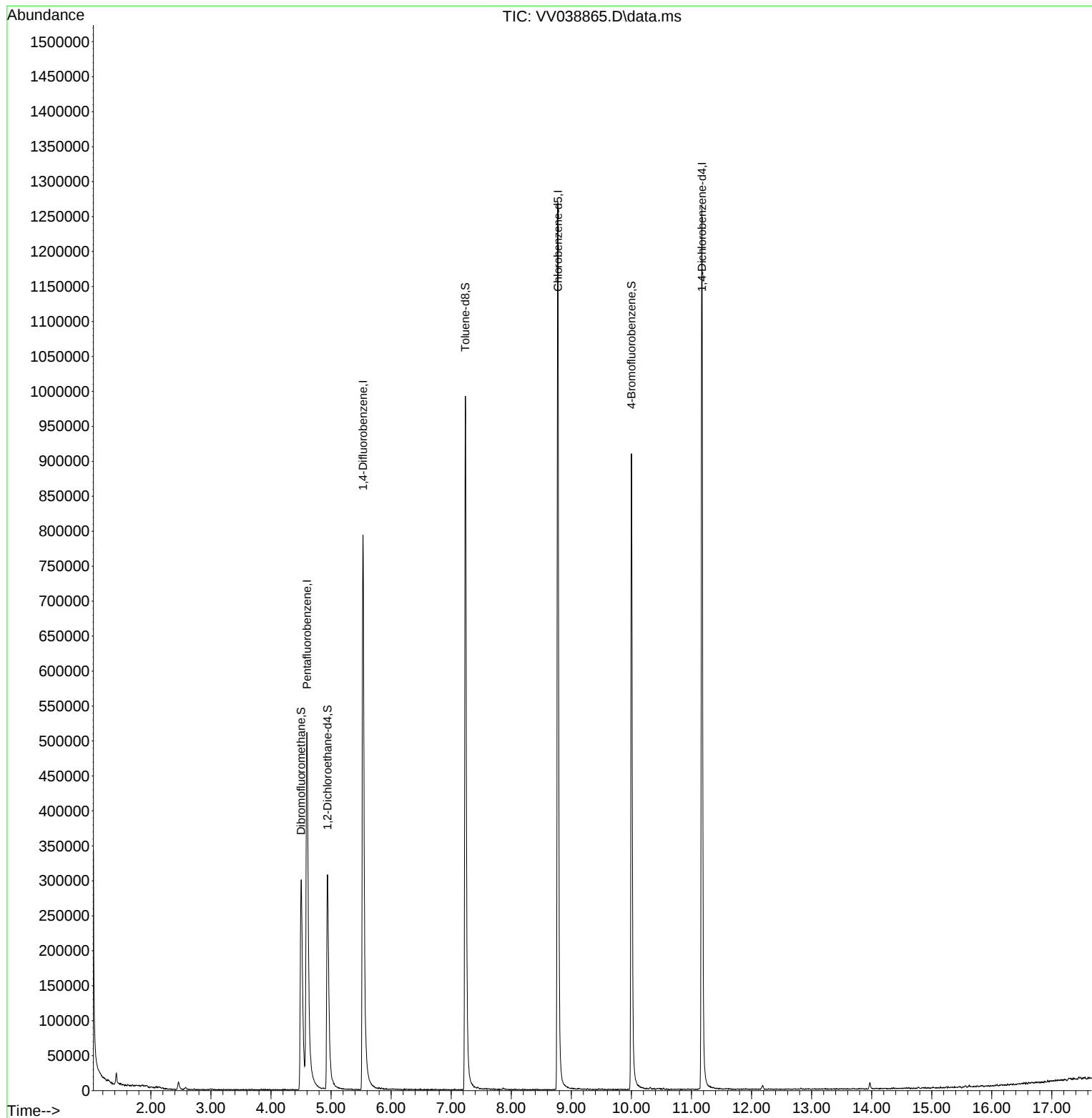
Target Compounds	Qvalue

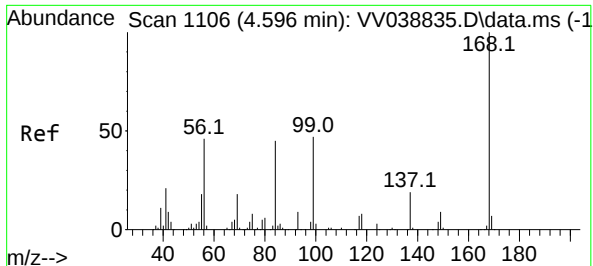
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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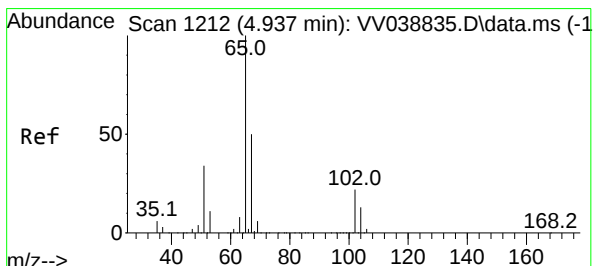
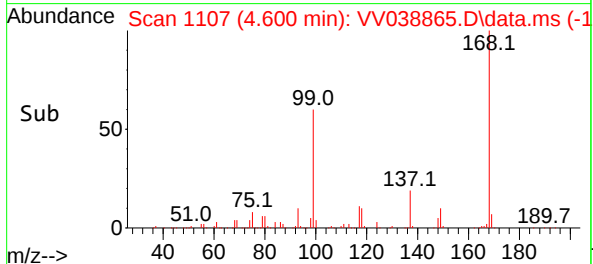
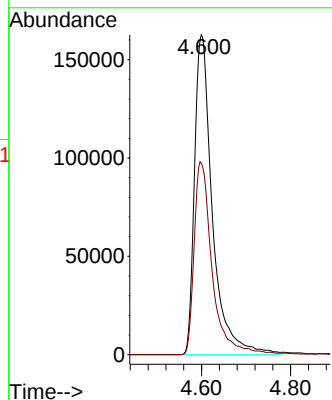
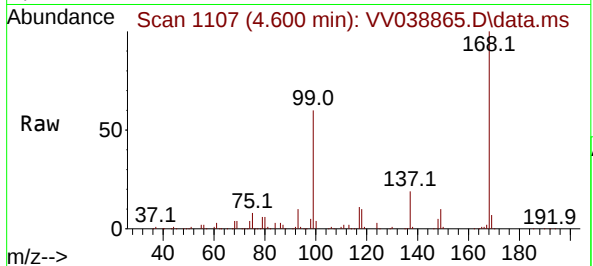




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 1106
Delta R.T. 0.004 min
Lab File: VV038865.D
Acq: 07 Jul 2025 10:57

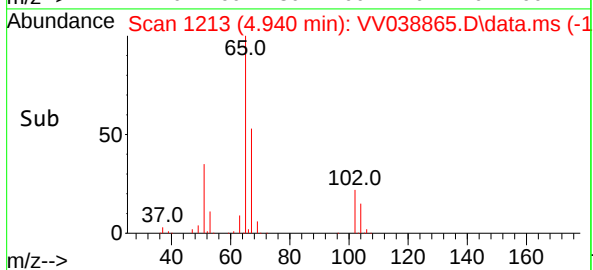
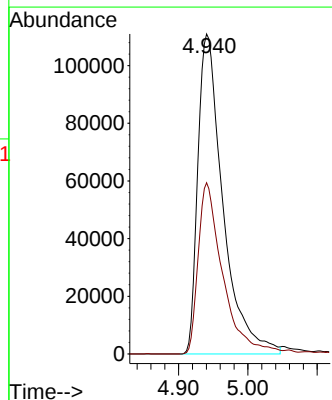
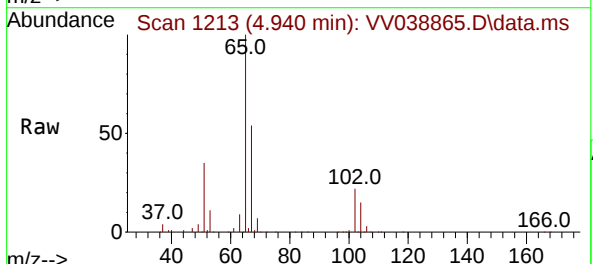
Instrument :
MSVOA_V
ClientSampleId :
VV0707WBL01

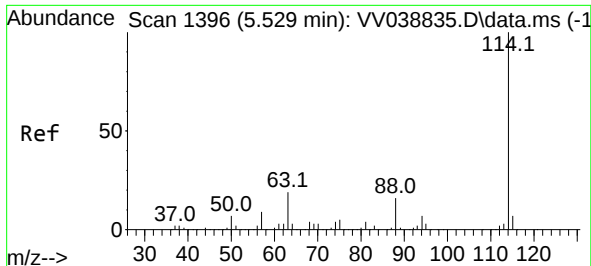
Tgt Ion:168 Resp: 455195
Ion Ratio Lower Upper
168 100
99 59.8 48.6 73.0



#33
1,2-Dichloroethane-d4
Concen: 54.779 ug/l
RT: 4.940 min Scan# 1213
Delta R.T. 0.003 min
Lab File: VV038865.D
Acq: 07 Jul 2025 10:57

Tgt Ion: 65 Resp: 279457
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.0

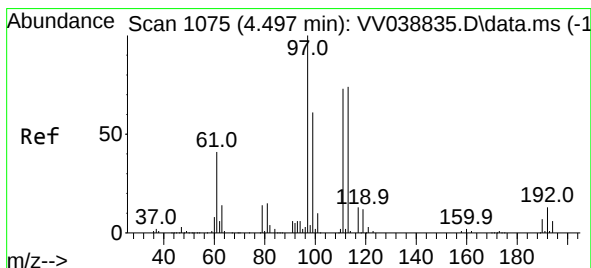
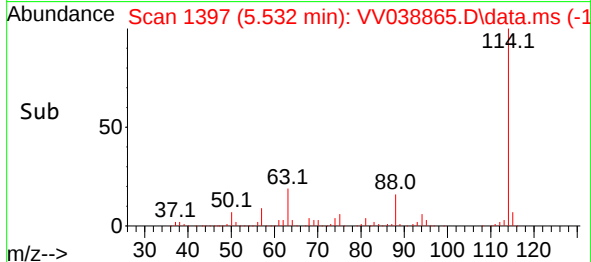
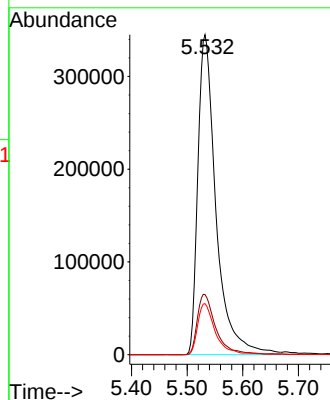
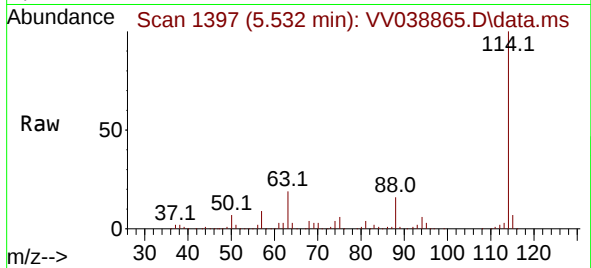




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV038865.D
Acq: 07 Jul 2025 10:57

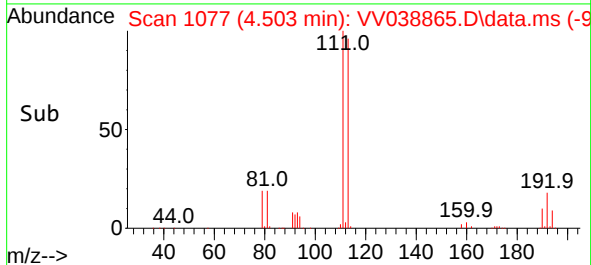
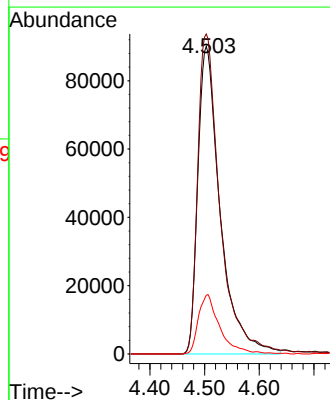
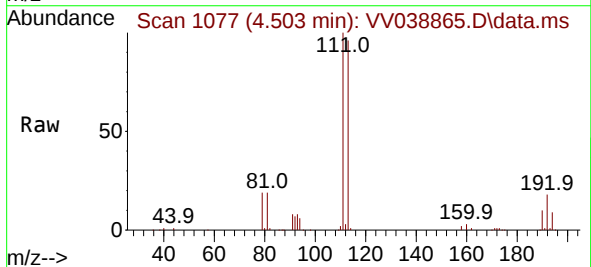
Instrument :
MSVOA_V
ClientSampleId :
VV0707WBL01

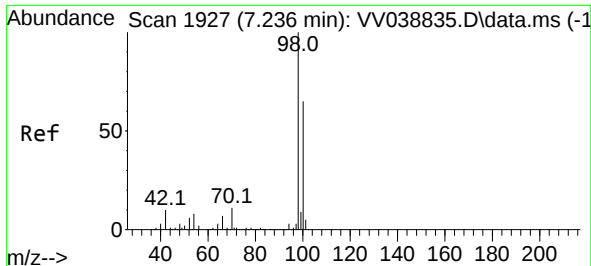
Tgt Ion:114 Resp: 782189
Ion Ratio Lower Upper
114 100
63 18.8 0.0 38.4
88 16.0 0.0 31.2



#35
Dibromofluoromethane
Concen: 51.526 ug/l
RT: 4.503 min Scan# 1077
Delta R.T. 0.006 min
Lab File: VV038865.D
Acq: 07 Jul 2025 10:57

Tgt Ion:113 Resp: 255286
Ion Ratio Lower Upper
113 100
111 104.1 81.5 122.3
192 18.1 14.7 22.1

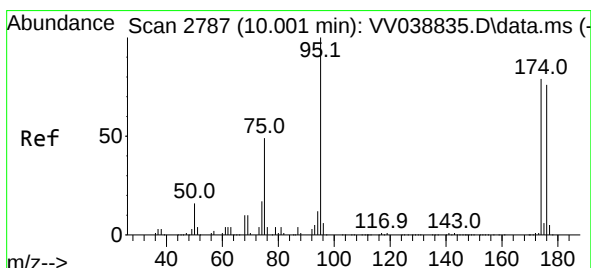
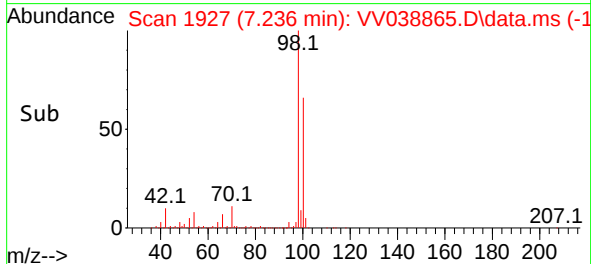
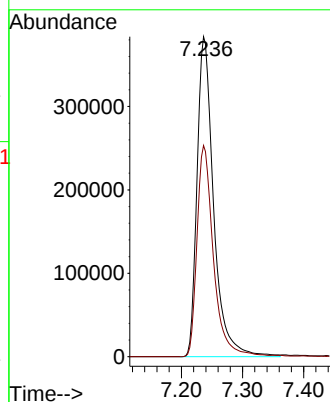
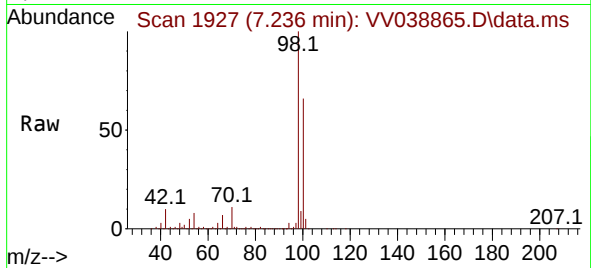




#50
Toluene-d8
Concen: 45.096 ug/l
RT: 7.236 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VV038865.D
Acq: 07 Jul 2025 10:57

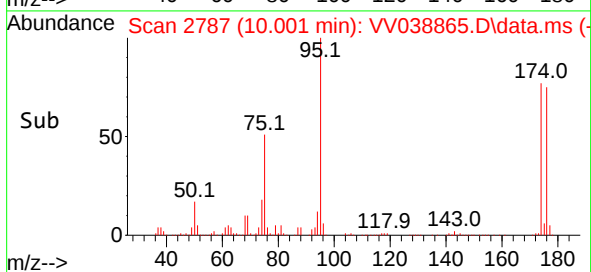
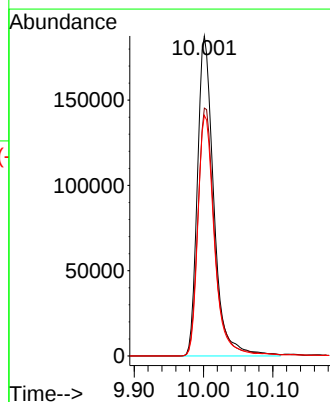
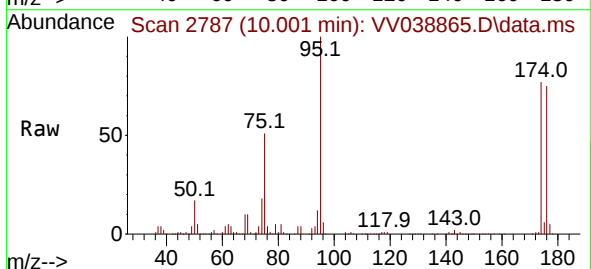
Instrument :
MSVOA_V
ClientSampleId :
VV0707WBL01

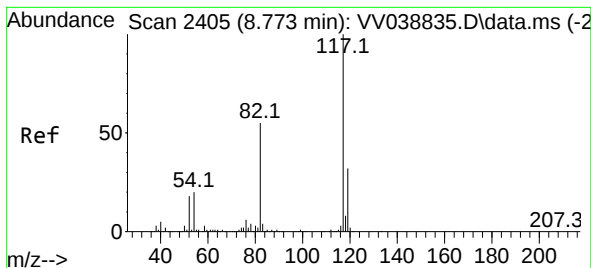
Tgt Ion: 98 Resp: 722880
Ion Ratio Lower Upper
98 100
100 65.4 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 47.596 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. -0.000 min
Lab File: VV038865.D
Acq: 07 Jul 2025 10:57

Tgt Ion: 95 Resp: 308252
Ion Ratio Lower Upper
95 100
174 79.9 0.0 158.2
176 76.4 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: VV038865.D

Acq: 07 Jul 2025 10:57

Instrument :

MSVOA_V

ClientSampleId :

VV0707WBL01

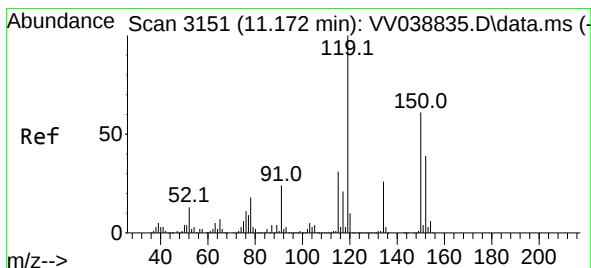
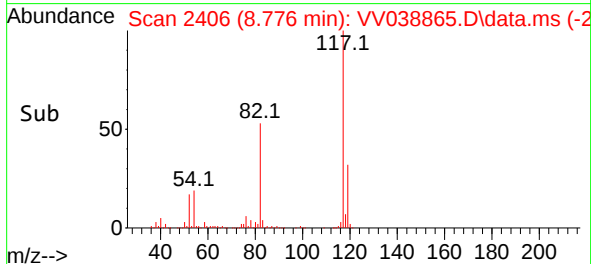
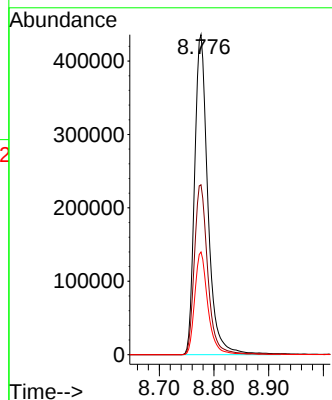
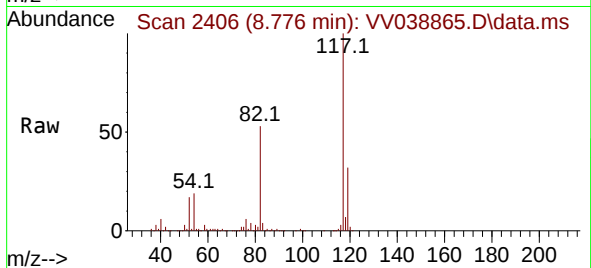
Tgt Ion:117 Resp: 737155

Ion Ratio Lower Upper

117 100

82 53.1 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: VV038865.D

Acq: 07 Jul 2025 10:57

Tgt Ion:152 Resp: 351416

Ion Ratio Lower Upper

152 100

115 58.8 42.0 126.0

150 157.6 0.0 343.6

