

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV071625\
 Data File : VV038903.D
 Acq On : 16 Jul 2025 12:13
 Operator : SY/MD
 Sample : VV0716WBL02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV0716WBL02

Quant Time: Jul 17 06:13:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 06:08:37 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	493234	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	861013	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	763030	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	308468	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	339071	56.264	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	112.520%
35) Dibromofluoromethane	4.503	113	287273	48.936	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	97.880%
50) Toluene-d8	7.236	98	916226	51.634	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	103.260%
62) 4-Bromofluorobenzene	10.002	95	321571	44.987	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	89.980%

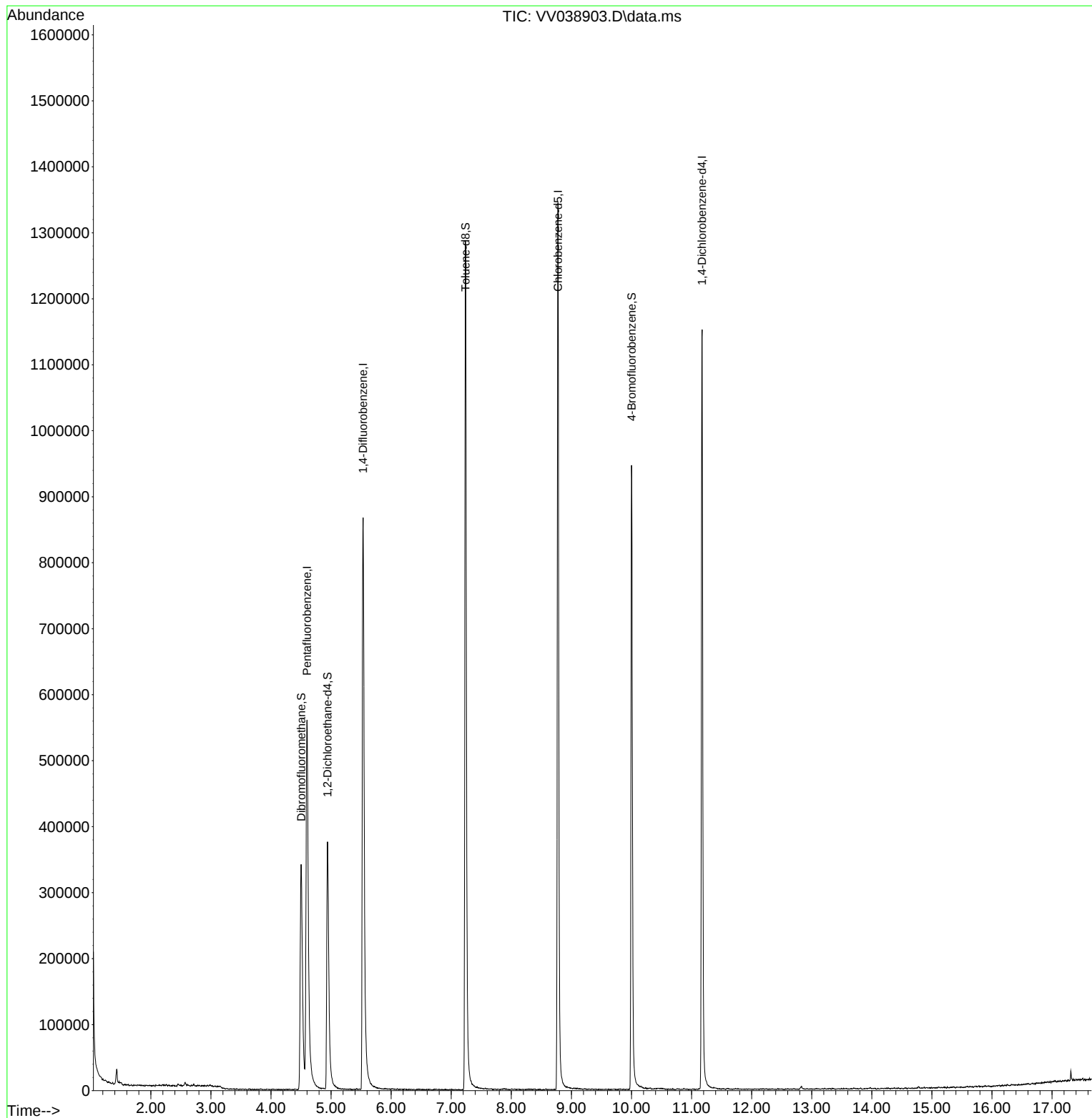
Target Compounds	Qvalue

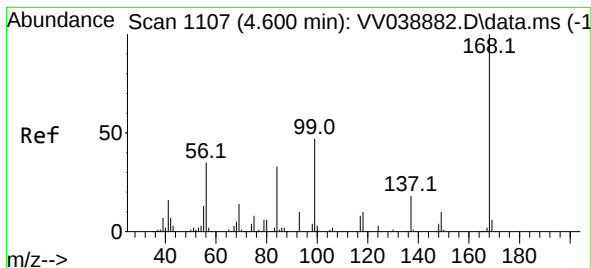
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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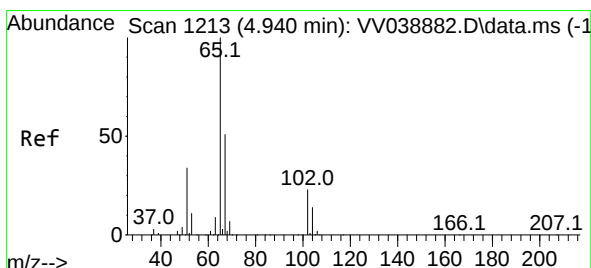
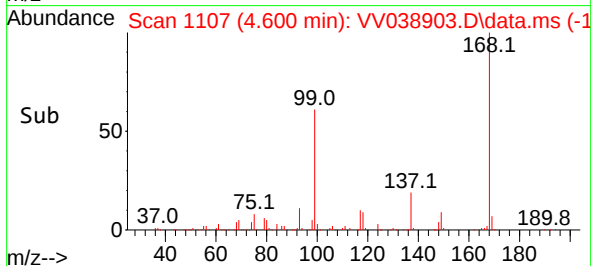
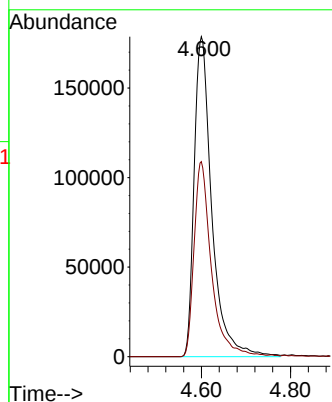
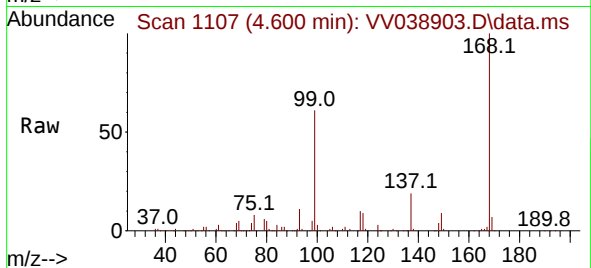




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VV038903.D
Acq: 16 Jul 2025 12:13

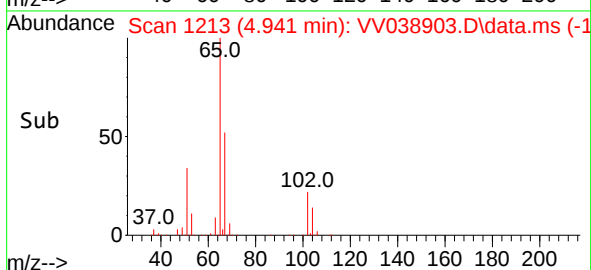
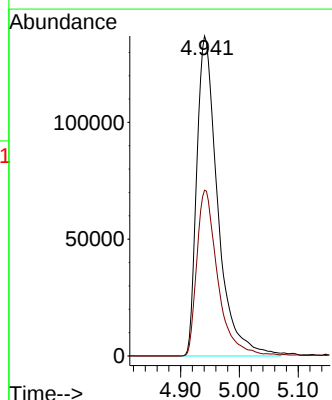
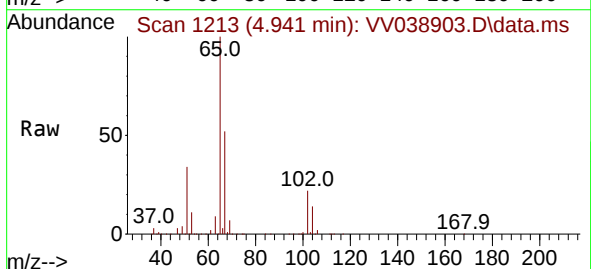
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBL02

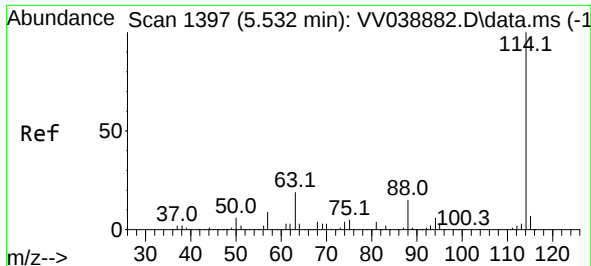
Tgt Ion:168 Resp: 493234
Ion Ratio Lower Upper
168 100
99 60.9 48.6 73.0



#33
1,2-Dichloroethane-d4
Concen: 56.264 ug/l
RT: 4.941 min Scan# 1213
Delta R.T. 0.000 min
Lab File: VV038903.D
Acq: 16 Jul 2025 12:13

Tgt Ion: 65 Resp: 339071
Ion Ratio Lower Upper
65 100
67 51.5 0.0 105.0

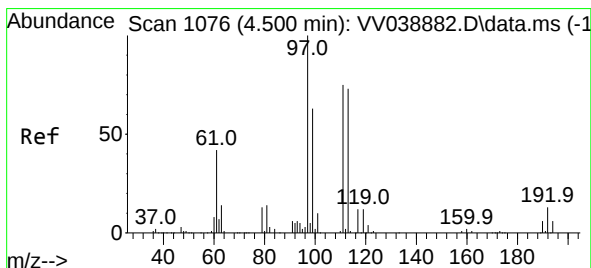
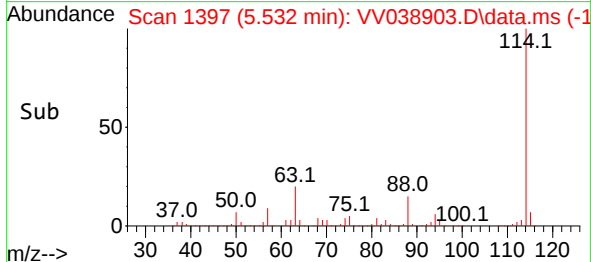
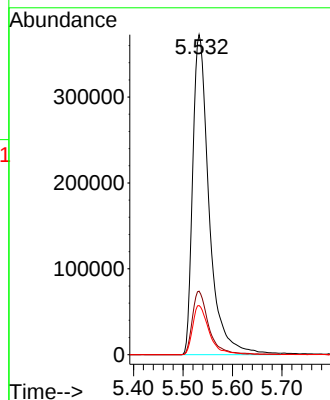
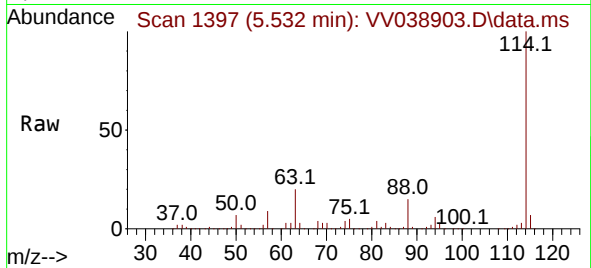




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV038903.D
Acq: 16 Jul 2025 12:13

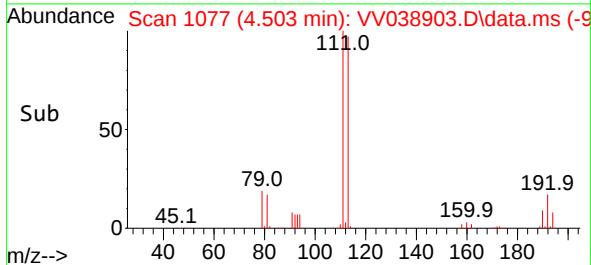
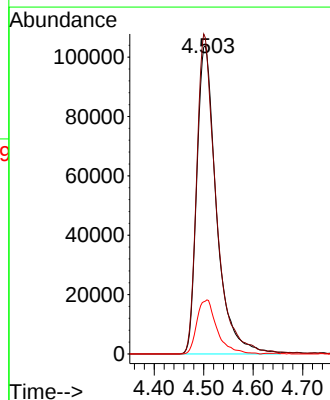
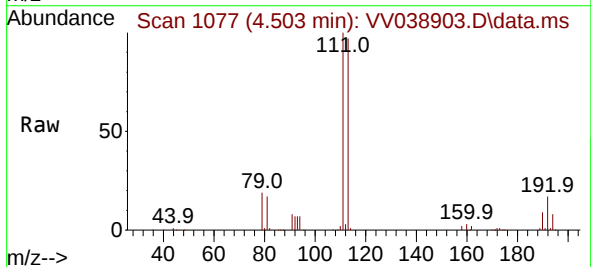
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBL02

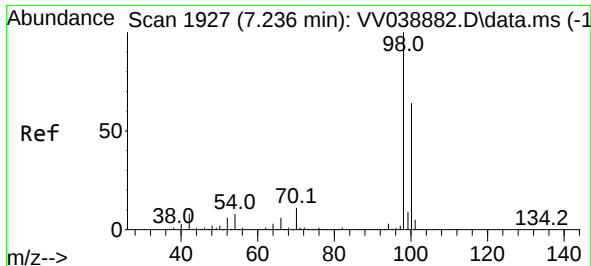
Tgt Ion:114 Resp: 861013
Ion Ratio Lower Upper
114 100
63 19.8 0.0 37.2
88 15.4 0.0 30.8



#35
Dibromofluoromethane
Concen: 48.936 ug/l
RT: 4.503 min Scan# 1077
Delta R.T. 0.003 min
Lab File: VV038903.D
Acq: 16 Jul 2025 12:13

Tgt Ion:113 Resp: 287273
Ion Ratio Lower Upper
113 100
111 101.7 83.3 124.9
192 18.0 14.2 21.4

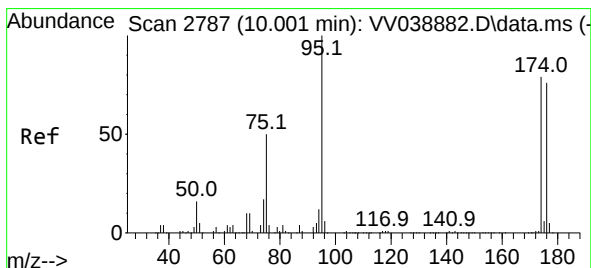
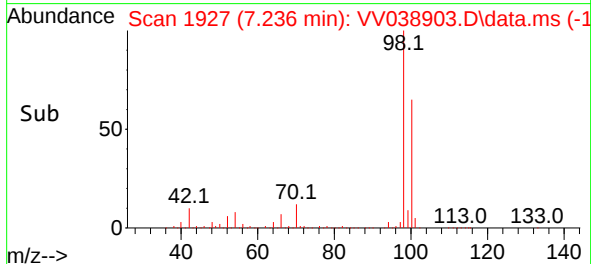
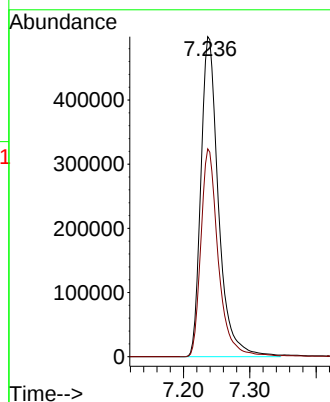
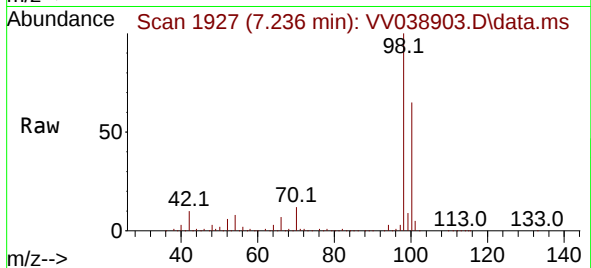




#50
Toluene-d8
Concen: 51.634 ug/l
RT: 7.236 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VV038903.D
Acq: 16 Jul 2025 12:13

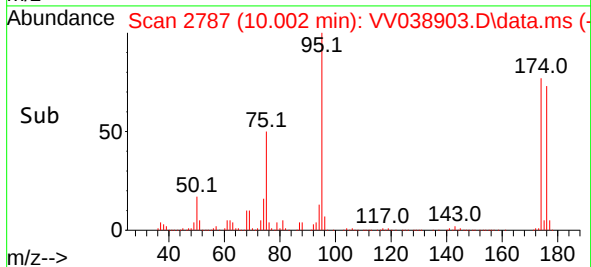
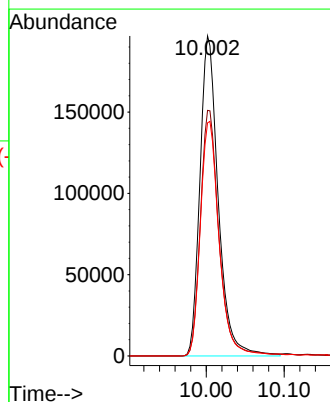
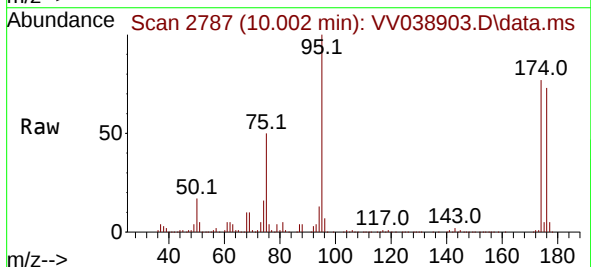
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBL02

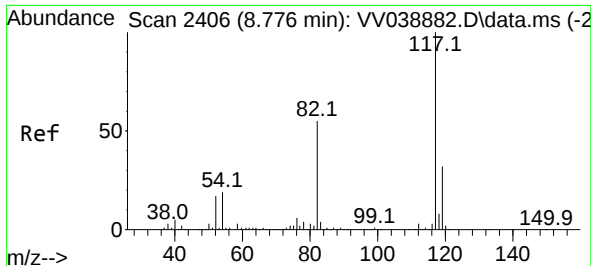
Tgt Ion: 98 Resp: 916226
Ion Ratio Lower Upper
98 100
100 64.3 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 44.987 ug/l
RT: 10.002 min Scan# 2787
Delta R.T. 0.000 min
Lab File: VV038903.D
Acq: 16 Jul 2025 12:13

Tgt Ion: 95 Resp: 321571
Ion Ratio Lower Upper
95 100
174 77.7 0.0 160.0
176 74.9 0.0 152.2

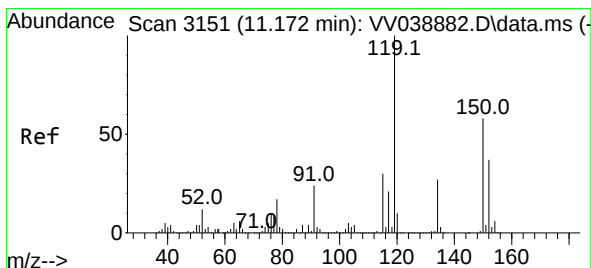
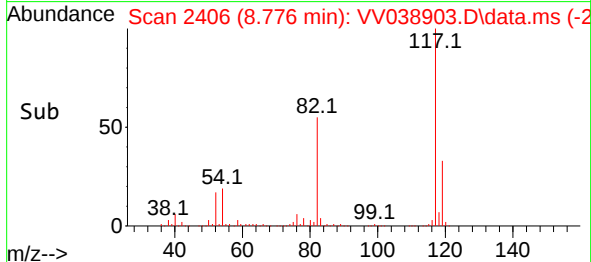
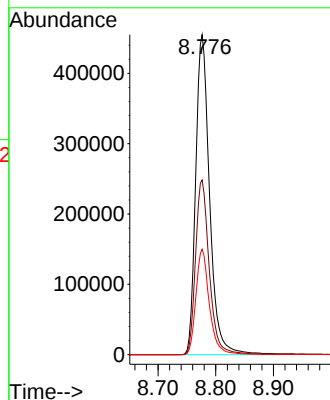
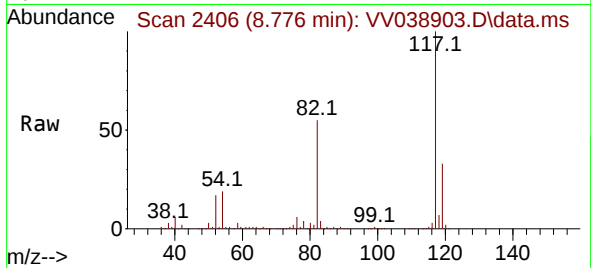




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2406
Delta R.T. 0.000 min
Lab File: VV038903.D
Acq: 16 Jul 2025 12:13

Instrument :
MSVOA_V
ClientSampleId :
VV0716WBL02

Tgt Ion:117 Resp: 763030
Ion Ratio Lower Upper
117 100
82 54.6 43.7 65.5
119 33.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.175 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VV038903.D
Acq: 16 Jul 2025 12:13

Tgt Ion:152 Resp: 308468
Ion Ratio Lower Upper
152 100
115 59.6 41.8 125.4
150 156.2 0.0 342.4

