

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV071525\
 Data File : VV038891.D
 Acq On : 15 Jul 2025 09:44
 Operator : SY/MD
 Sample : VV0715WBL01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV0715WBL01

Quant Time: Jul 16 01:42:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 16 01:18:54 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	523642	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	899535	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	798525	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	335704	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	352095	55.032	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	110.060%
35) Dibromofluoromethane	4.500	113	301276	49.123	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	98.240%
50) Toluene-d8	7.236	98	970580	52.355	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	104.720%
62) 4-Bromofluorobenzene	10.001	95	351254	47.035	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	94.060%

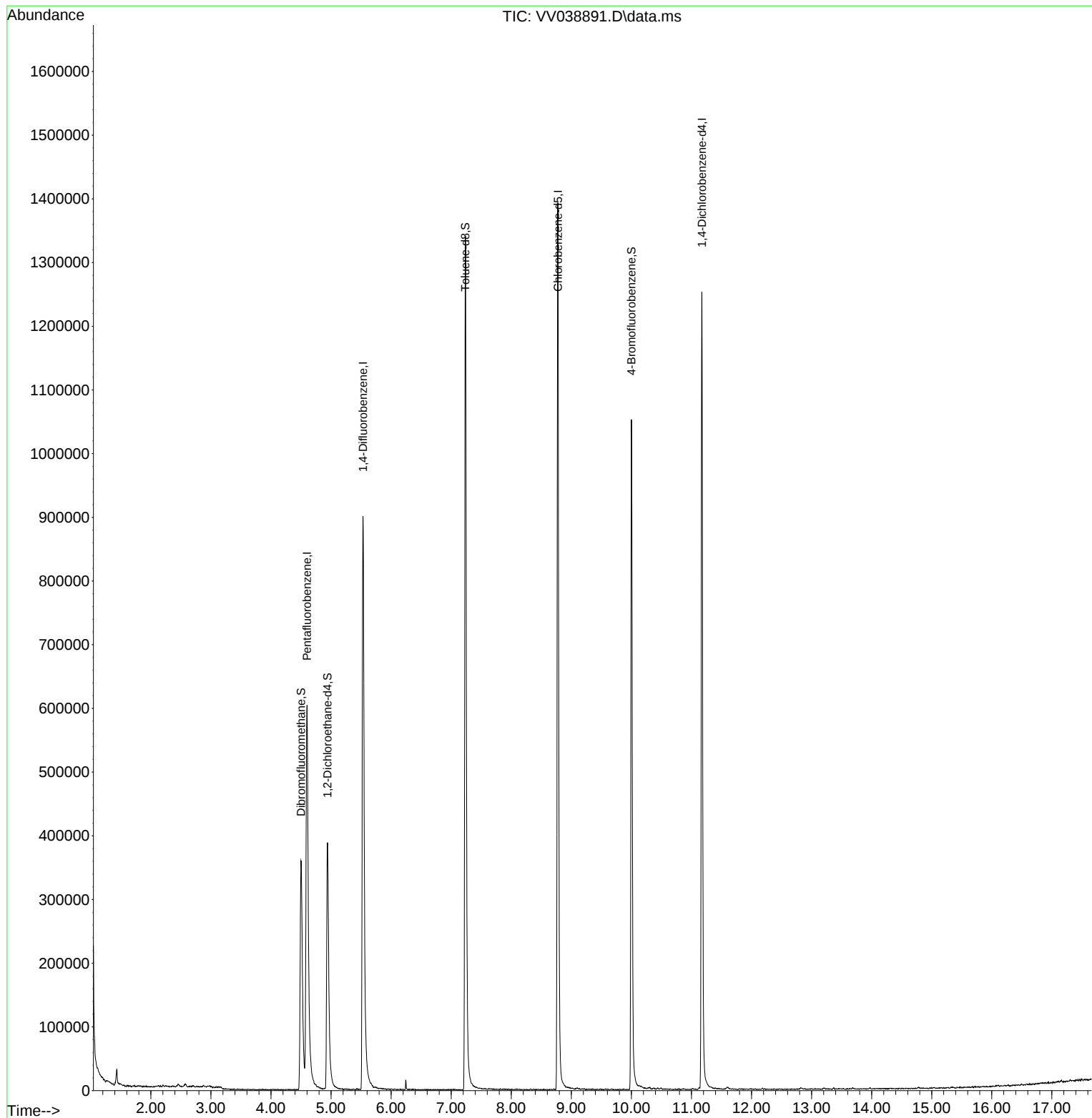
Target Compounds	Qvalue

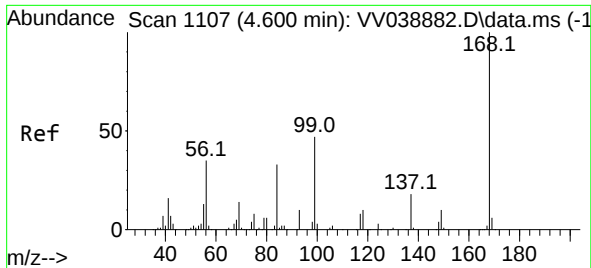
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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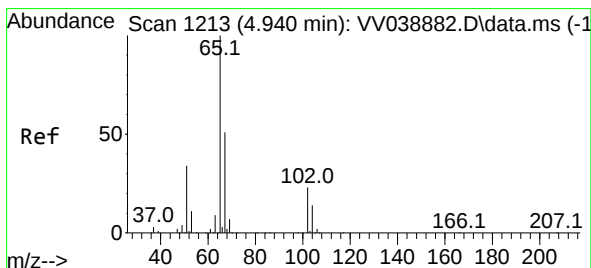
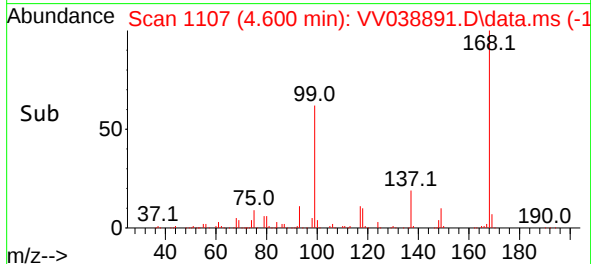
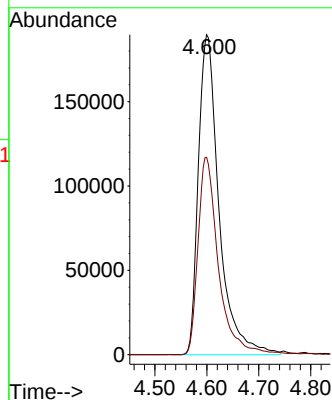
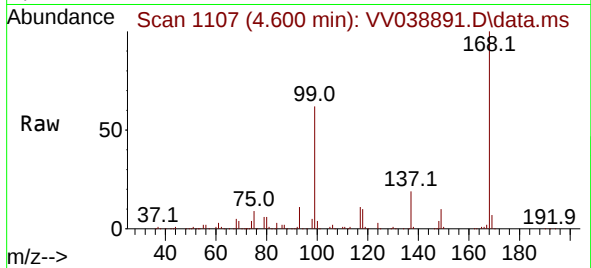




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VV038891.D
Acq: 15 Jul 2025 09:44

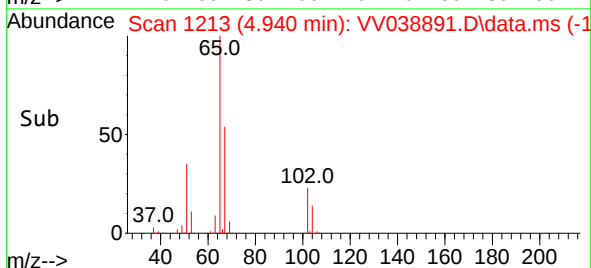
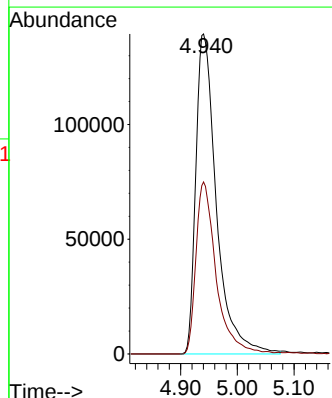
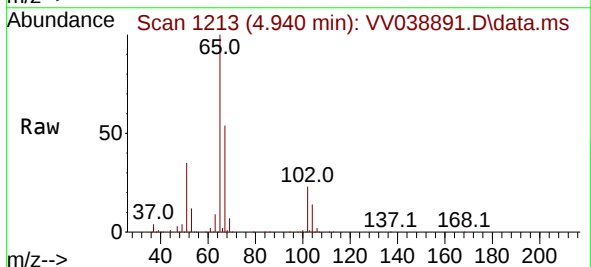
Instrument :
MSVOA_V
ClientSampleId :
VV0715WBL01

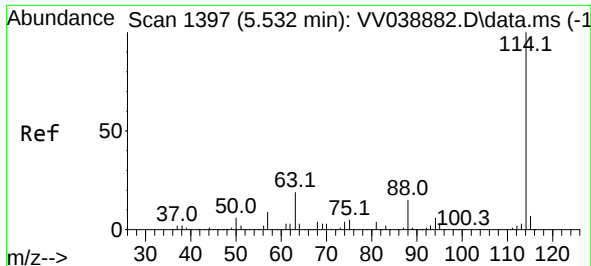
Tgt Ion:168 Resp: 523642
Ion Ratio Lower Upper
168 100
99 61.7 48.6 73.0



#33
1,2-Dichloroethane-d4
Concen: 55.032 ug/l
RT: 4.940 min Scan# 1213
Delta R.T. 0.000 min
Lab File: VV038891.D
Acq: 15 Jul 2025 09:44

Tgt Ion: 65 Resp: 352095
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.0

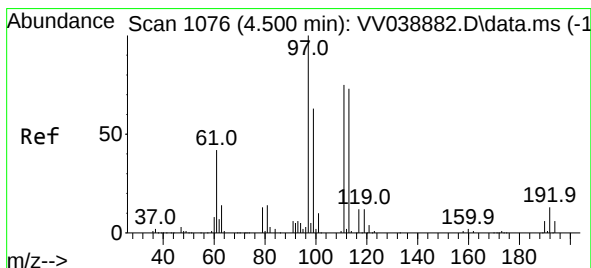
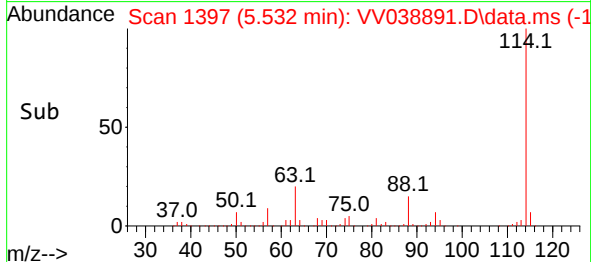
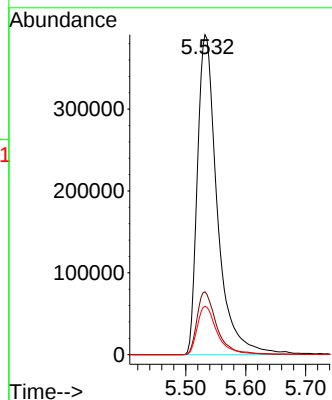
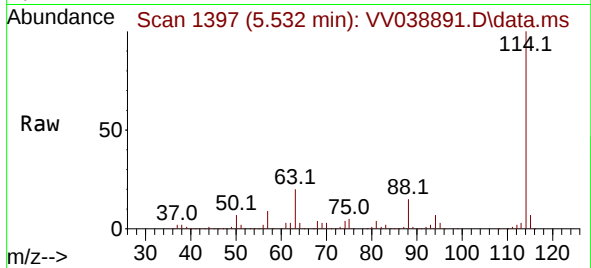




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV038891.D
Acq: 15 Jul 2025 09:44

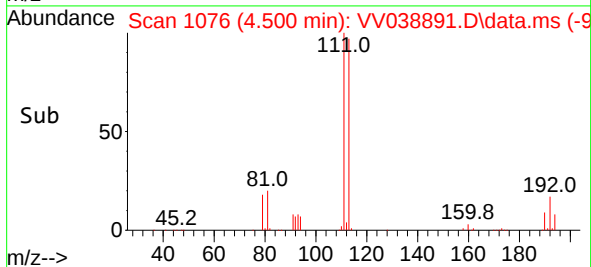
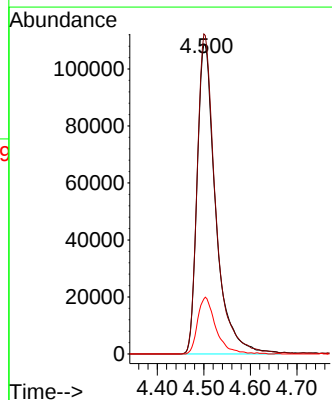
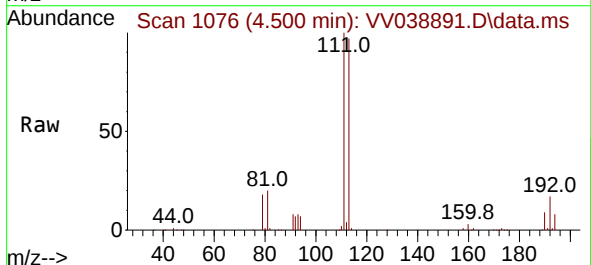
Instrument :
MSVOA_V
ClientSampleId :
VV0715WBL01

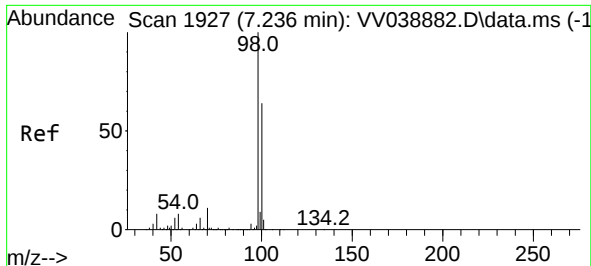
Tgt Ion:114 Resp: 899535
Ion Ratio Lower Upper
114 100
63 19.7 0.0 37.2
88 15.1 0.0 30.8



#35
Dibromofluoromethane
Concen: 49.123 ug/l
RT: 4.500 min Scan# 1076
Delta R.T. 0.000 min
Lab File: VV038891.D
Acq: 15 Jul 2025 09:44

Tgt Ion:113 Resp: 301276
Ion Ratio Lower Upper
113 100
111 101.3 83.3 124.9
192 17.8 14.2 21.4

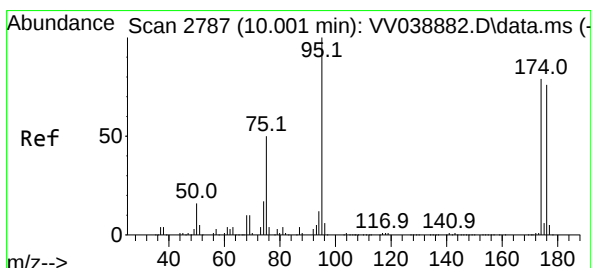
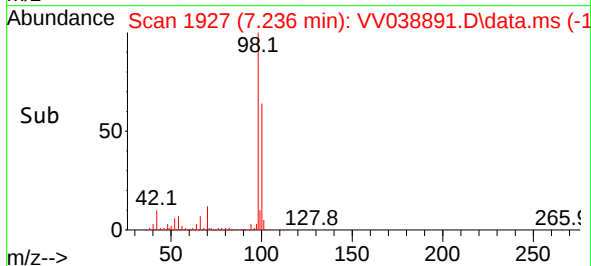
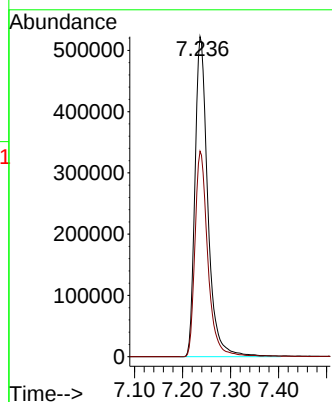
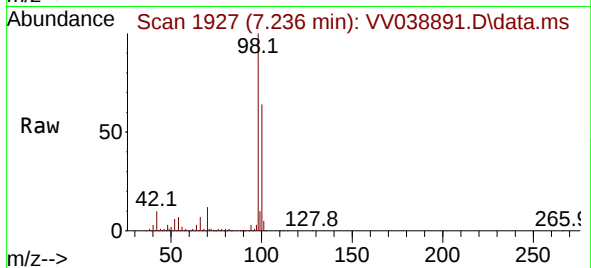




#50
Toluene-d8
Concen: 52.355 ug/l
RT: 7.236 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VV038891.D
Acq: 15 Jul 2025 09:44

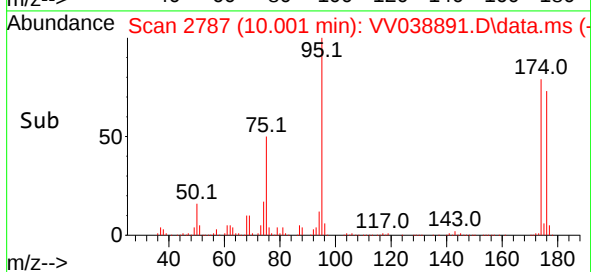
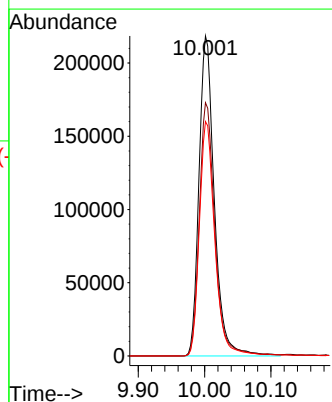
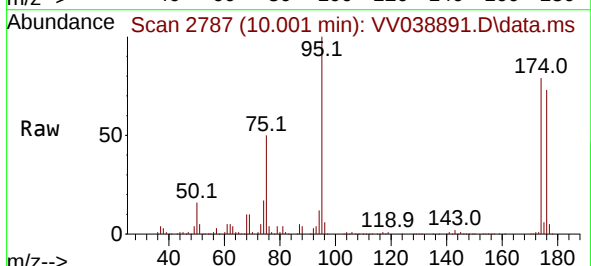
Instrument :
MSVOA_V
ClientSampleId :
VV0715WBL01

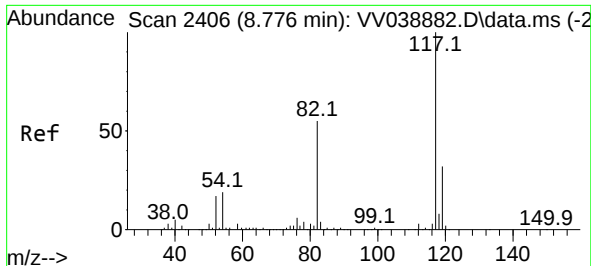
Tgt Ion: 98 Resp: 970580
Ion Ratio Lower Upper
98 100
100 64.2 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 47.035 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.000 min
Lab File: VV038891.D
Acq: 15 Jul 2025 09:44

Tgt Ion: 95 Resp: 351254
Ion Ratio Lower Upper
95 100
174 80.2 0.0 160.0
176 73.5 0.0 152.2

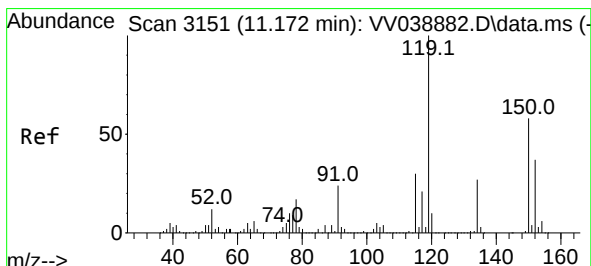
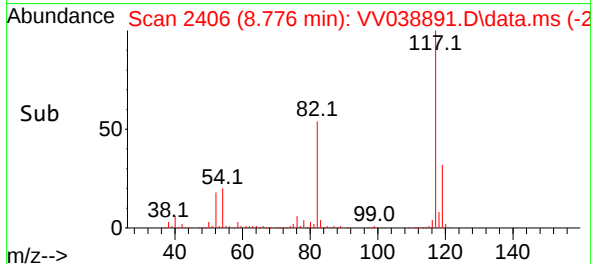
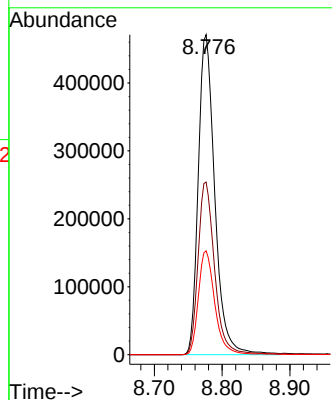
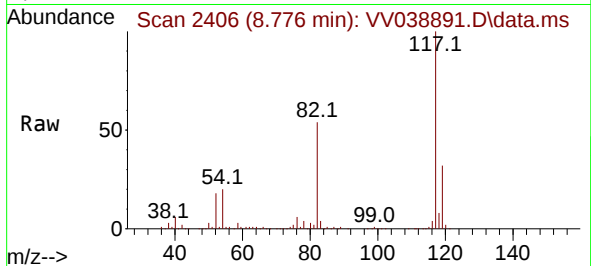




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 24
Delta R.T. 0.000 min
Lab File: VV038891.D
Acq: 15 Jul 2025 09:44

Instrument :
MSVOA_V
ClientSampleId :
VV0715WBL01

Tgt Ion:117 Resp: 798525
Ion Ratio Lower Upper
117 100
82 53.9 43.7 65.5
119 32.4 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: VV038891.D
Acq: 15 Jul 2025 09:44

Tgt Ion:152 Resp: 335704
Ion Ratio Lower Upper
152 100
115 62.0 41.8 125.4
150 158.9 0.0 342.4

