

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV071825\
 Data File : VV038916.D
 Acq On : 18 Jul 2025 12:43
 Operator : SY/MD
 Sample : VV0718WBL01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV0718WBL01

Quant Time: Jul 19 00:41:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 14 09:44:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	588259	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1084817	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	974075	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	442233	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	401478	55.858	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	111.720%
35) Dibromofluoromethane	4.503	113	333657	45.111	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	90.220%
50) Toluene-d8	7.236	98	1137285	50.870	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	101.740%
62) 4-Bromofluorobenzene	10.001	95	438954	48.739	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	97.480%

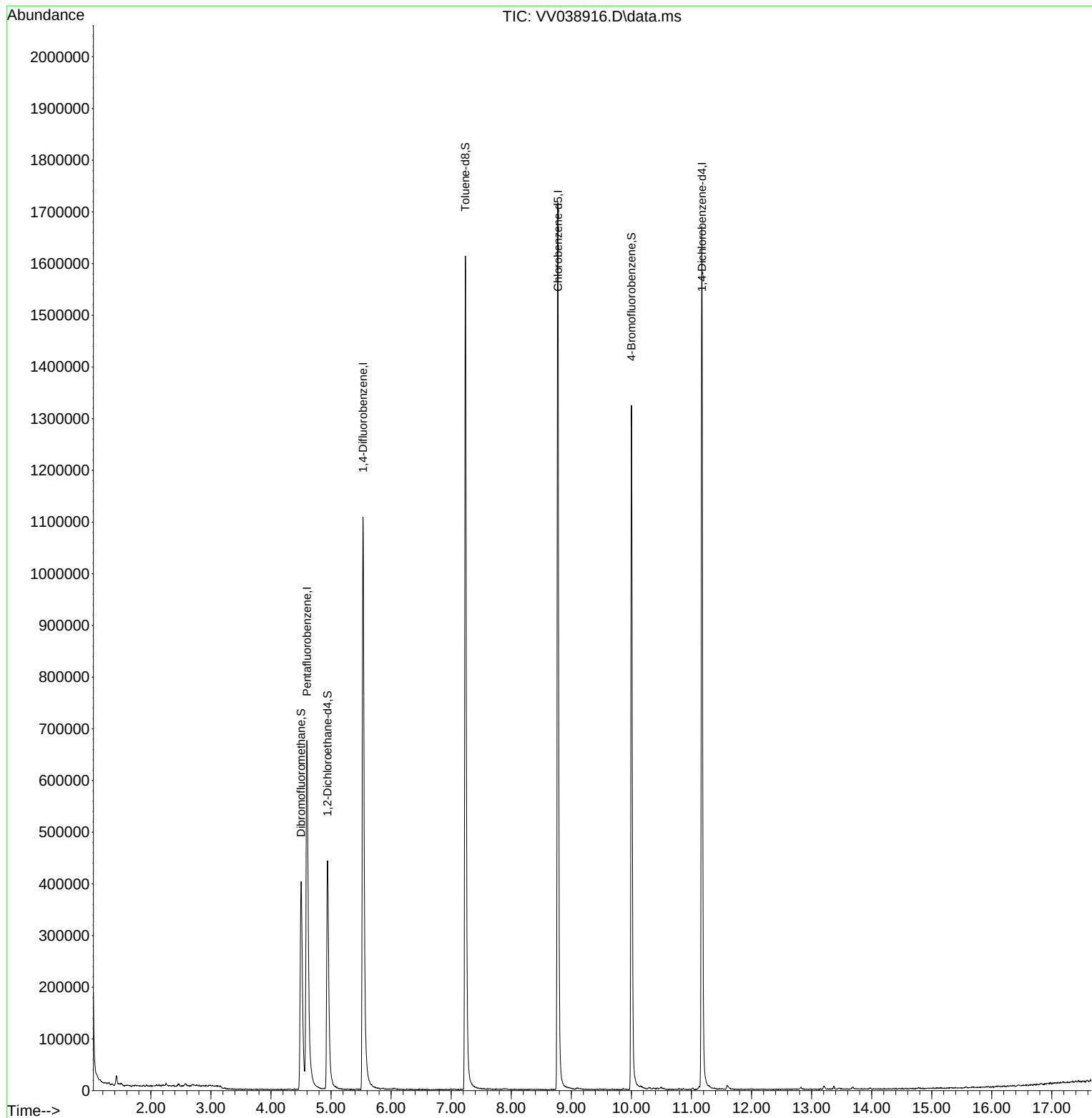
Target Compounds	Qvalue

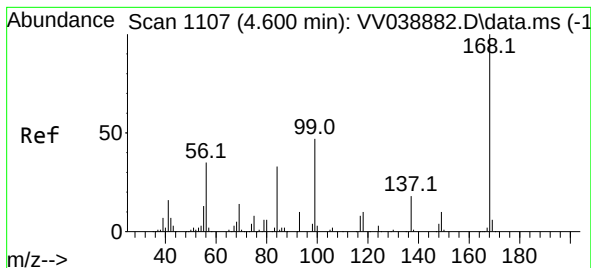
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VV038916.D

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Instrument :

MSVOA_V

ClientSampleId :

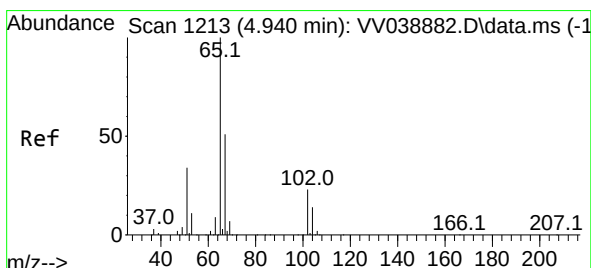
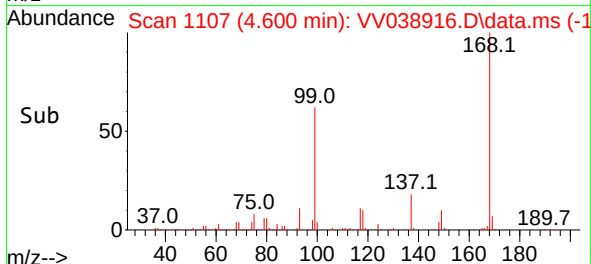
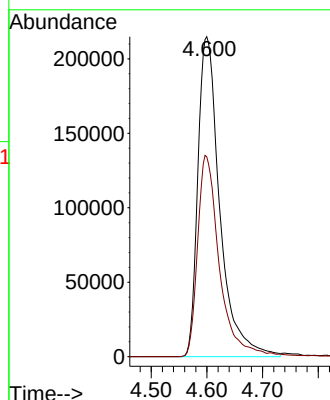
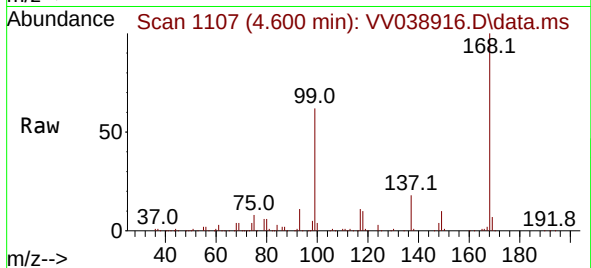
VV0718WBL01

Tgt Ion:168 Resp: 588259

Ion Ratio Lower Upper

168 100

99 62.4 48.6 73.0



#33

1,2-Dichloroethane-d4

Concen: 55.858 ug/l

RT: 4.941 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VV038916.D

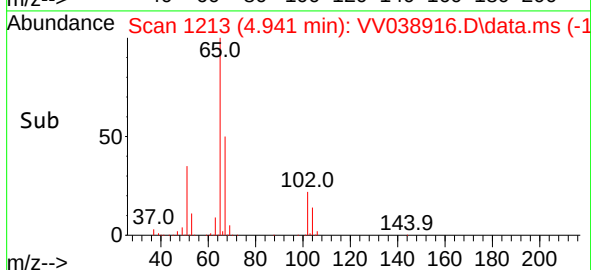
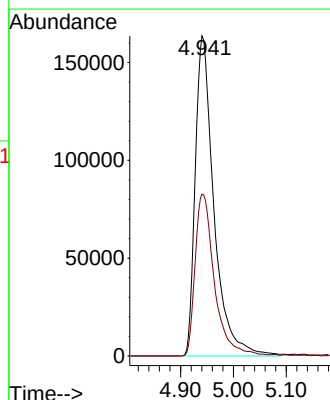
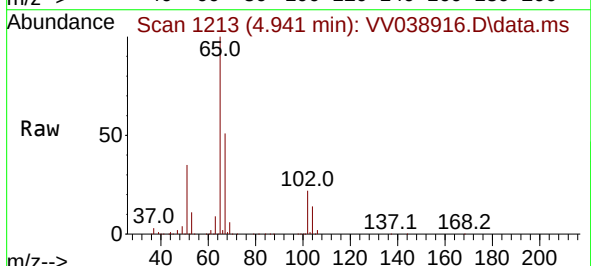
Acq: 18 Jul 2025 12:43

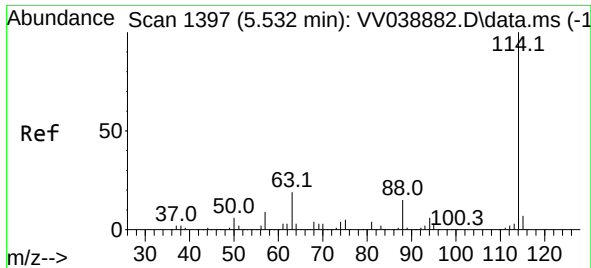
Tgt Ion: 65 Resp: 401478

Ion Ratio Lower Upper

65 100

67 52.1 0.0 105.0

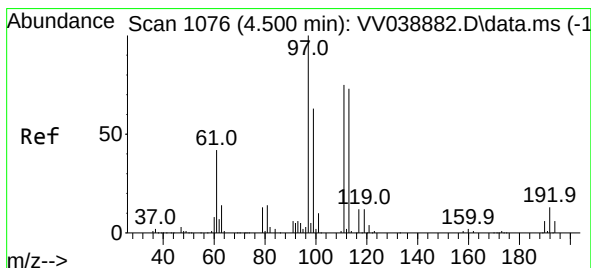
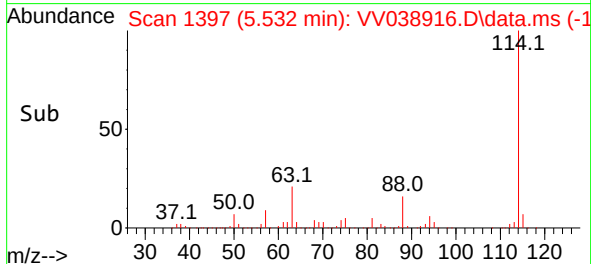
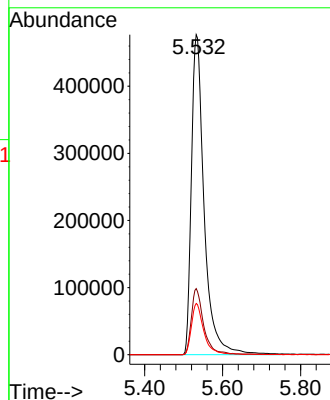
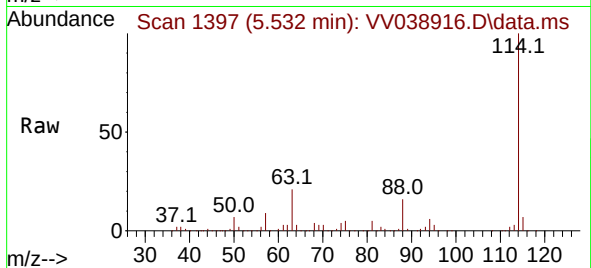




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV038916.D
Acq: 18 Jul 2025 12:43

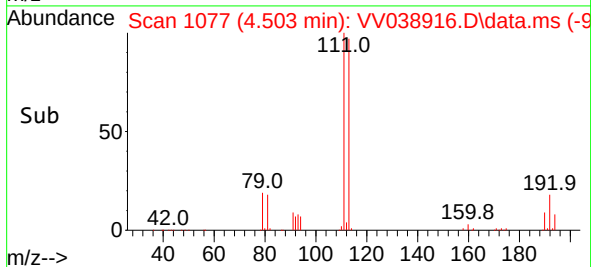
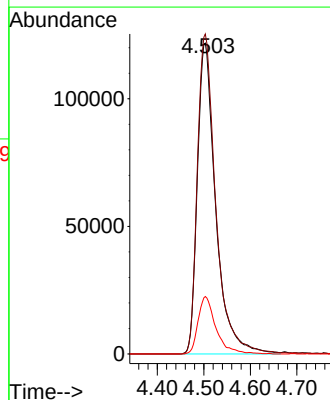
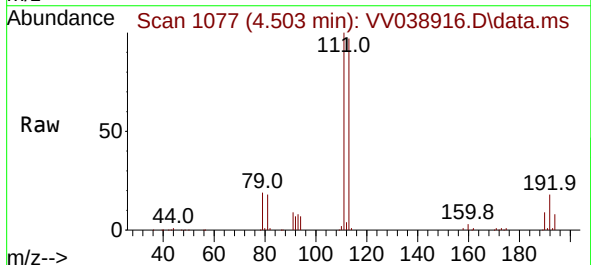
Instrument :
MSVOA_V
ClientSampleId :
VV0718WBL01

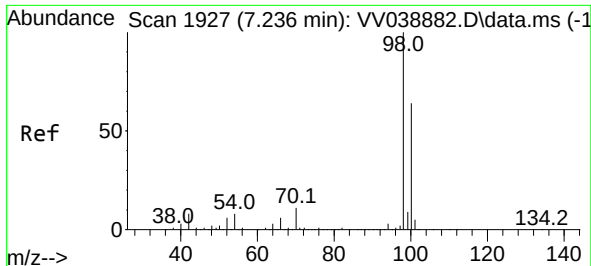
Tgt Ion:114 Resp: 1084817
Ion Ratio Lower Upper
114 100
63 20.6 0.0 37.2
88 16.0 0.0 30.8



#35
Dibromofluoromethane
Concen: 45.111 ug/l
RT: 4.503 min Scan# 1077
Delta R.T. 0.003 min
Lab File: VV038916.D
Acq: 18 Jul 2025 12:43

Tgt Ion:113 Resp: 333657
Ion Ratio Lower Upper
113 100
111 103.4 83.3 124.9
192 17.8 14.2 21.4

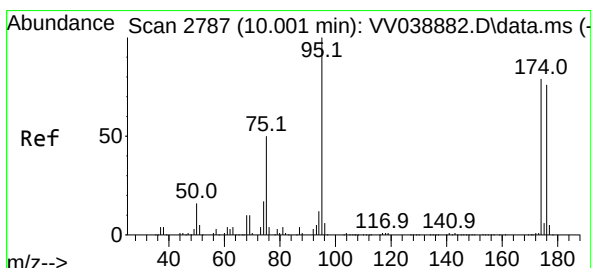
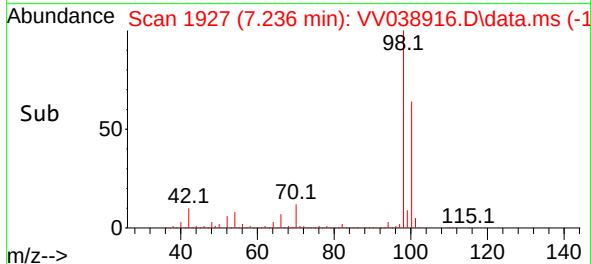
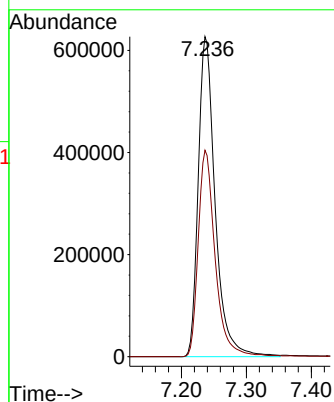
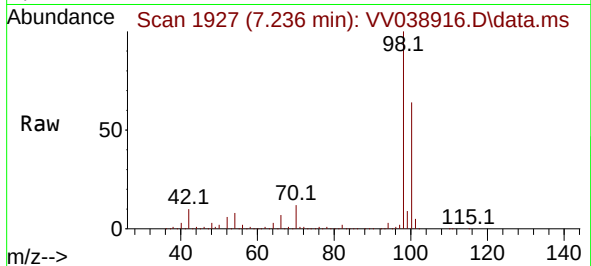




#50
Toluene-d8
Concen: 50.870 ug/l
RT: 7.236 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VV038916.D
Acq: 18 Jul 2025 12:43

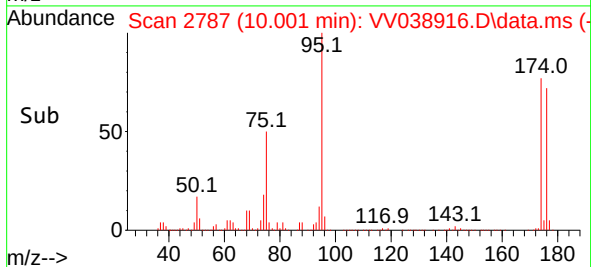
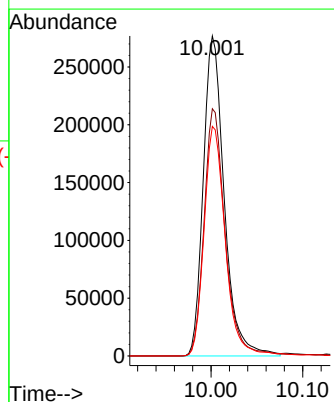
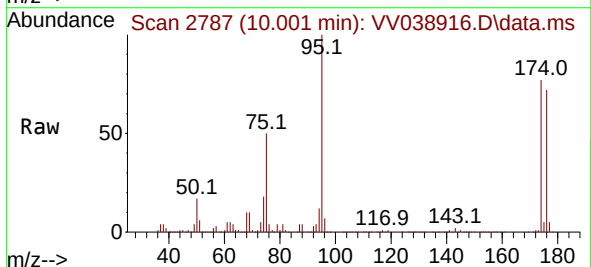
Instrument :
MSVOA_V
ClientSampleId :
VV0718WBL01

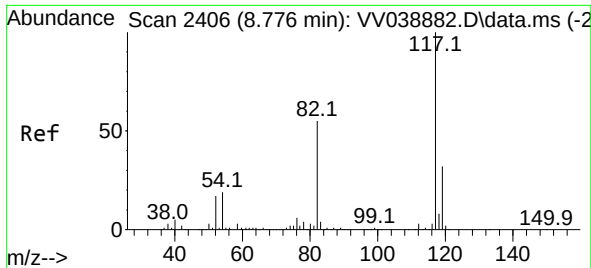
Tgt Ion: 98 Resp: 1137285
Ion Ratio Lower Upper
98 100
100 64.5 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 48.739 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.000 min
Lab File: VV038916.D
Acq: 18 Jul 2025 12:43

Tgt Ion: 95 Resp: 438954
Ion Ratio Lower Upper
95 100
174 78.4 0.0 160.0
176 73.1 0.0 152.2

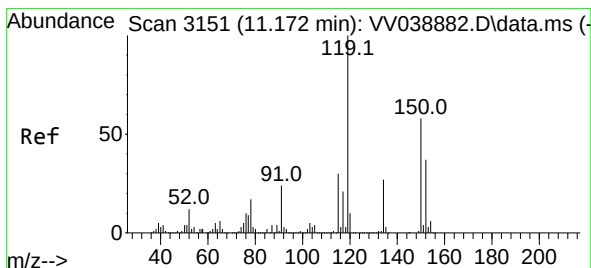
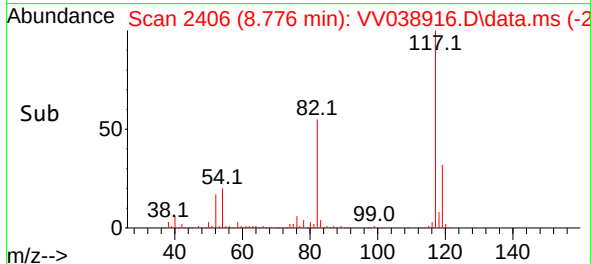
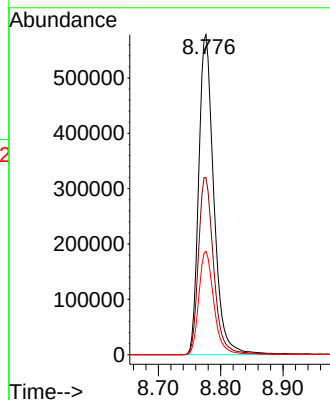
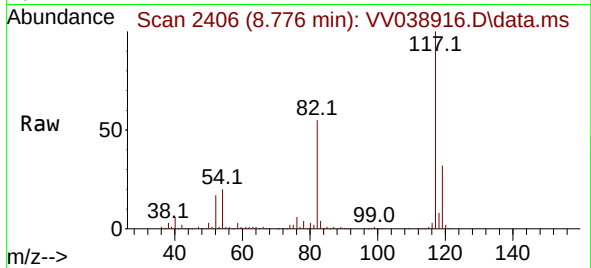




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2406
Delta R.T. 0.000 min
Lab File: VV038916.D
Acq: 18 Jul 2025 12:43

Instrument :
MSVOA_V
ClientSampleId :
VV0718WBL01

Tgt Ion:117 Resp: 974075
Ion Ratio Lower Upper
117 100
82 55.4 43.7 65.5
119 32.3 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: VV038916.D
Acq: 18 Jul 2025 12:43

Tgt Ion:152 Resp: 442233
Ion Ratio Lower Upper
152 100
115 60.9 41.8 125.4
150 156.7 0.0 342.4

