

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
 Data File : VV038991.D
 Acq On : 21 Aug 2025 19:18
 Operator : SY/MD
 Sample : Q2930-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DA1-1

Quant Time: Aug 22 04:36:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 04:15:04 2025
 Response via : Initial Calibration

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

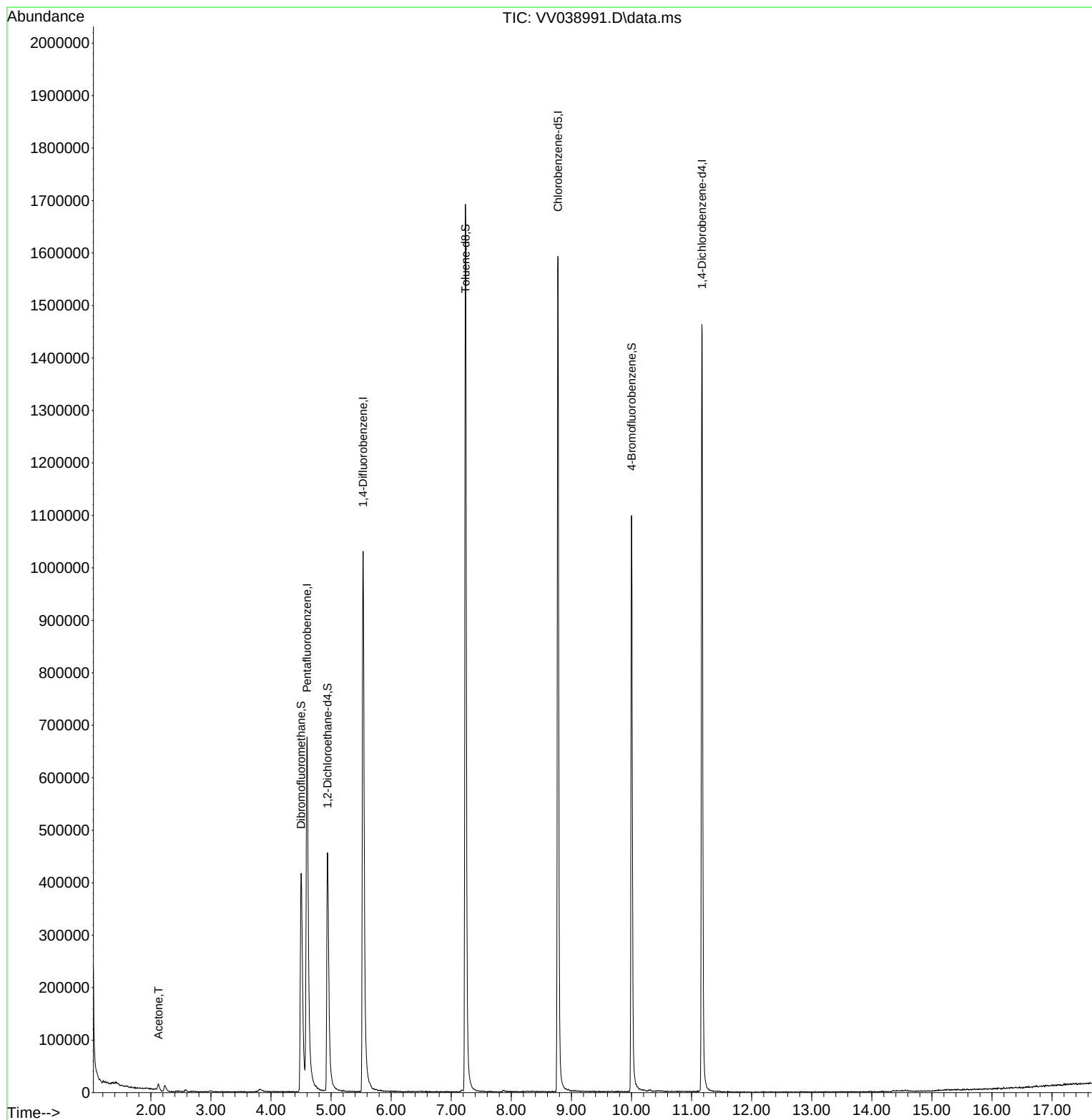
Internal Standards						
1) Pentafluorobenzene	4.600	168	584299	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1018996	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	897248	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	391469	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	416123	50.755	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	101.500%
35) Dibromofluoromethane	4.500	113	352048	46.068	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	92.140%
50) Toluene-d8	7.236	98	1183190	44.401	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	88.800%#
62) 4-Bromofluorobenzene	10.001	95	373770	38.341	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	76.680%#
Target Compounds						
16) Acetone	2.127	43	13859	4.212	ug/l	Qvalue 97

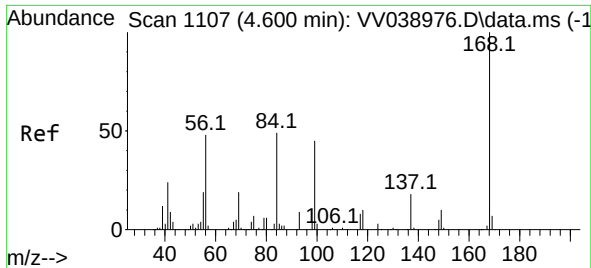
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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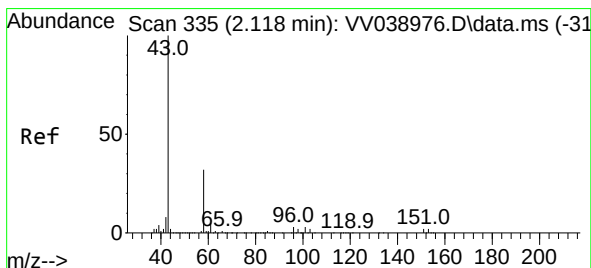
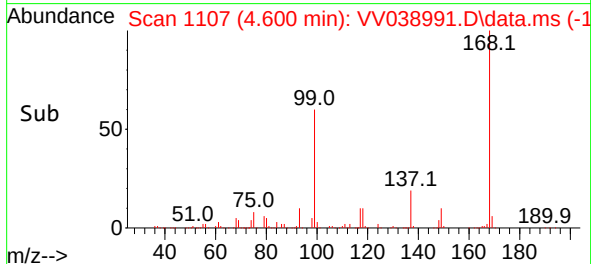
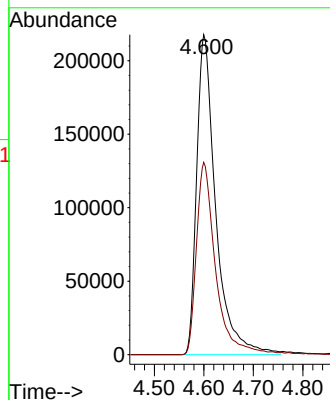
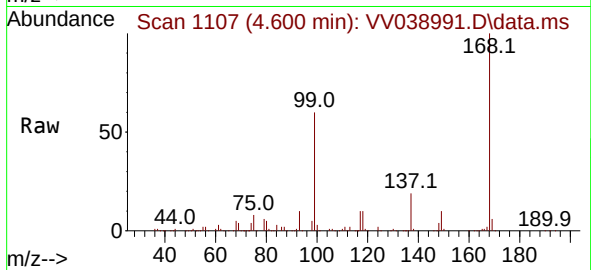




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VV038991.D
Acq: 21 Aug 2025 19:18

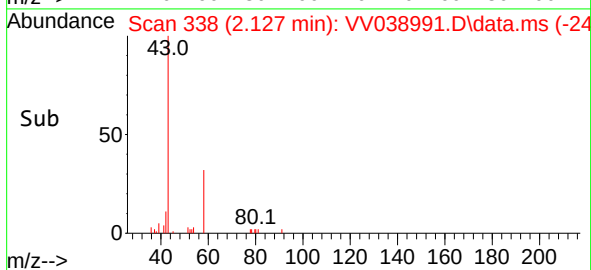
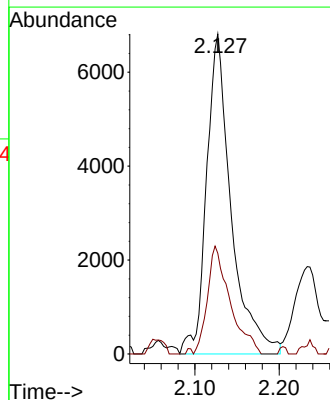
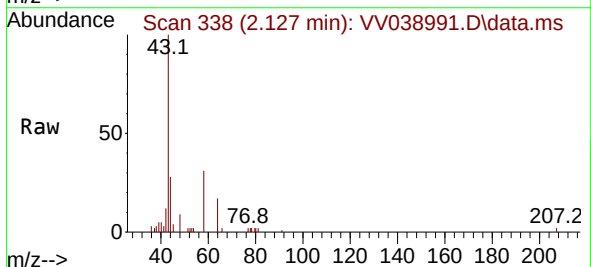
Instrument :
MSVOA_V
ClientSampleId :
DA1-1

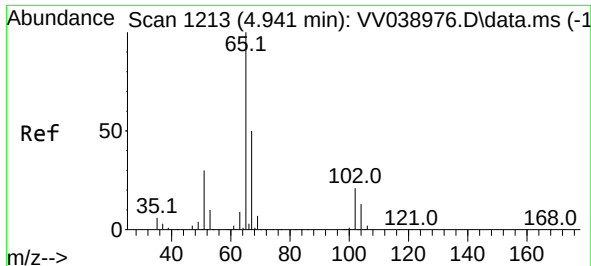
Tgt Ion:168 Resp: 584299
Ion Ratio Lower Upper
168 100
99 60.1 47.0 70.6



#16
Acetone
Concen: 4.212 ug/l
RT: 2.127 min Scan# 338
Delta R.T. 0.010 min
Lab File: VV038991.D
Acq: 21 Aug 2025 19:18

Tgt Ion: 43 Resp: 13859
Ion Ratio Lower Upper
43 100
58 31.5 26.3 39.5

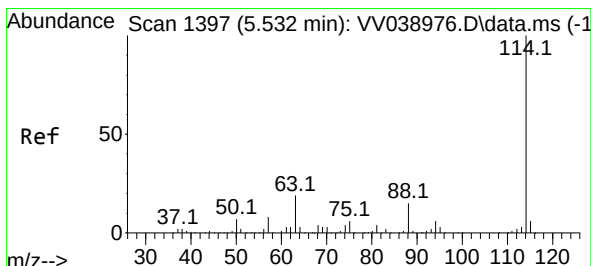
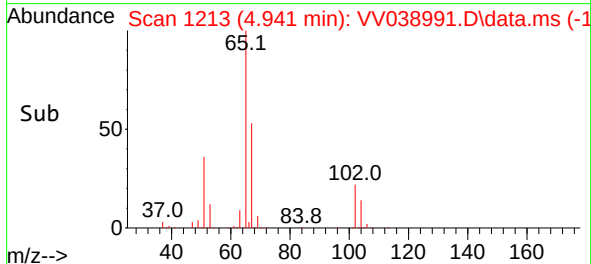
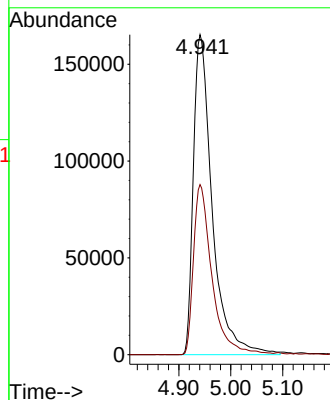
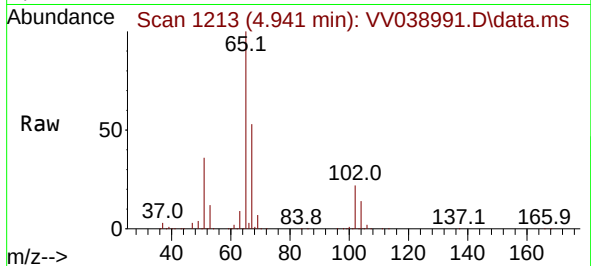




#33
 1,2-Dichloroethane-d4
 Concen: 50.755 ug/l
 RT: 4.941 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VV038991.D
 Acq: 21 Aug 2025 19:18

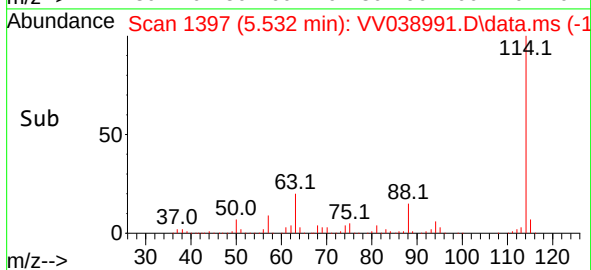
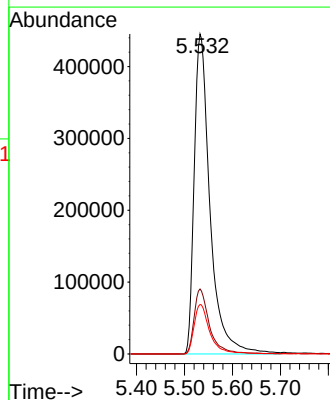
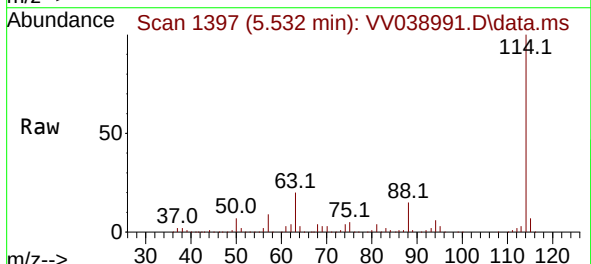
Instrument :
 MSVOA_V
 ClientSampleId :
 DA1-1

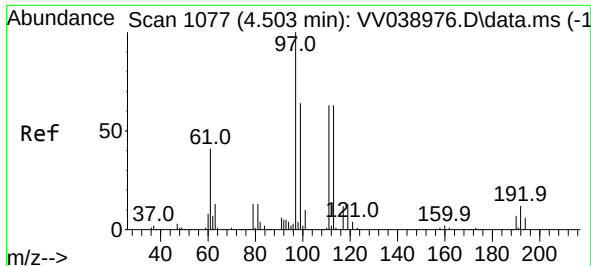
Tgt Ion: 65 Resp: 416123
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 100.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.532 min Scan# 1397
 Delta R.T. -0.000 min
 Lab File: VV038991.D
 Acq: 21 Aug 2025 19:18

Tgt Ion: 114 Resp: 1018996
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 37.4
 88 15.5 0.0 30.4

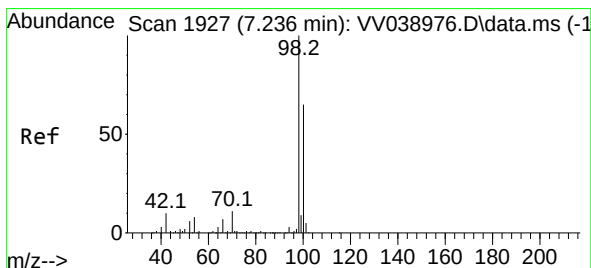
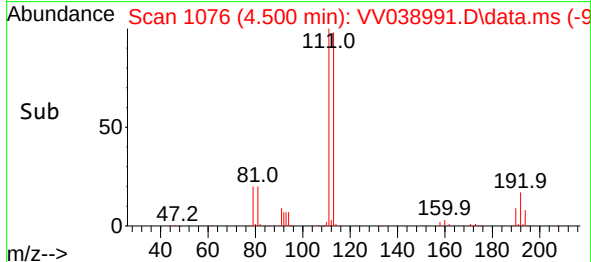
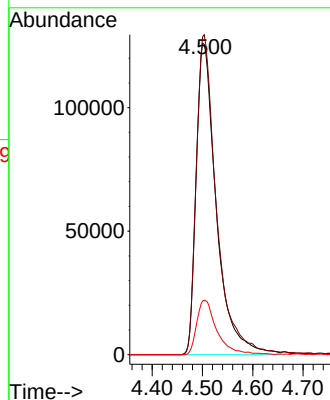
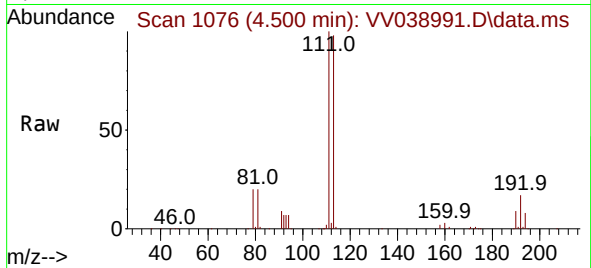




#35
 Dibromofluoromethane
 Concen: 46.068 ug/l
 RT: 4.500 min Scan# 1077
 Delta R.T. -0.003 min
 Lab File: VV038991.D
 Acq: 21 Aug 2025 19:18

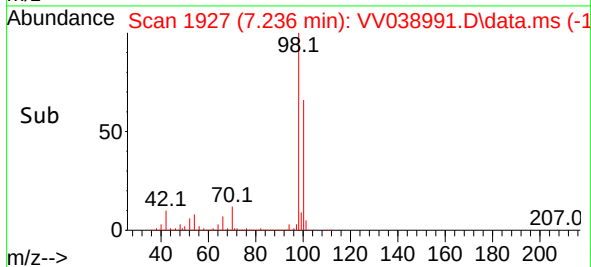
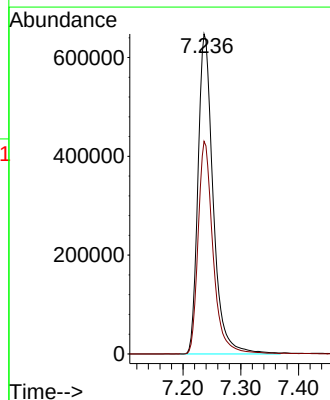
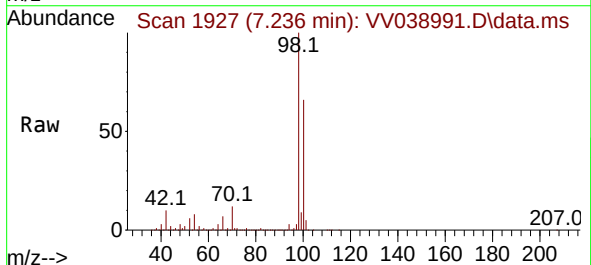
Instrument :
 MSVOA_V
 ClientSampleId :
 DA1-1

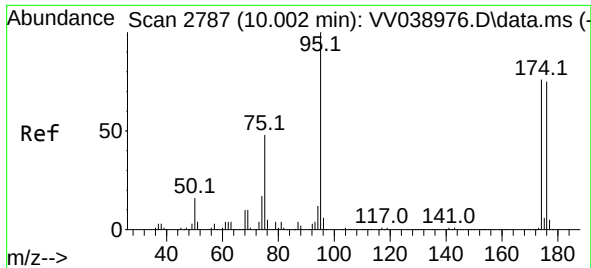
Tgt Ion:113 Resp: 352048
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.3 121.9
 192 17.3 15.4 23.0



#50
 Toluene-d8
 Concen: 44.401 ug/l
 RT: 7.236 min Scan# 1927
 Delta R.T. -0.000 min
 Lab File: VV038991.D
 Acq: 21 Aug 2025 19:18

Tgt Ion: 98 Resp: 1183190
 Ion Ratio Lower Upper
 98 100
 100 65.4 52.2 78.2

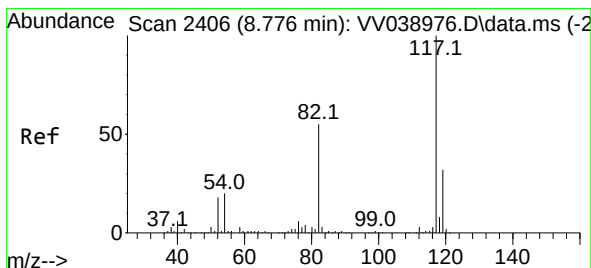
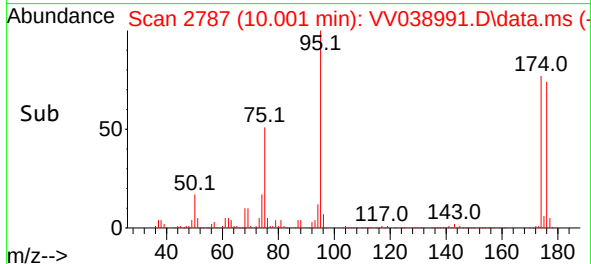
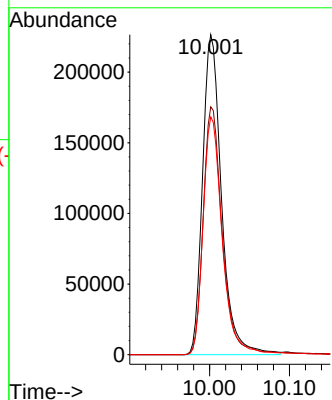
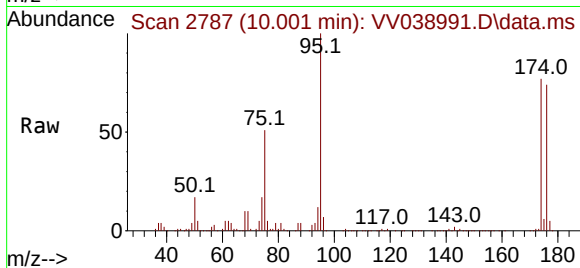




#62
4-Bromofluorobenzene
Concen: 38.341 ug/l
RT: 10.001 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV038991.D
Acq: 21 Aug 2025 19:18

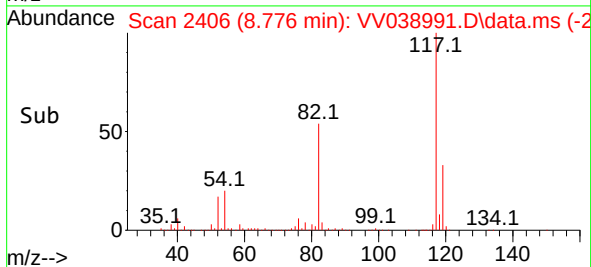
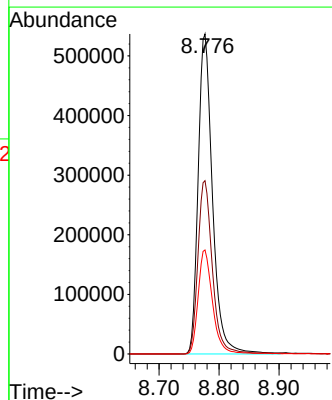
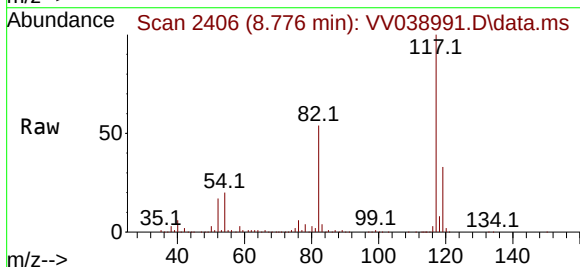
Instrument :
MSVOA_V
ClientSampleId :
DA1-1

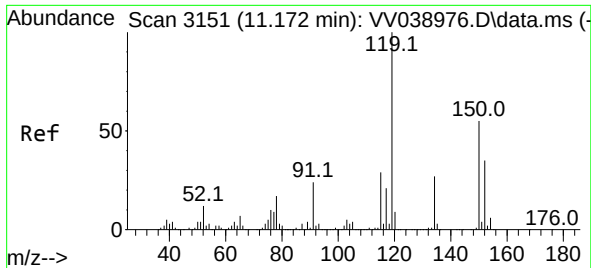
Tgt Ion: 95 Resp: 373770
Ion Ratio Lower Upper
95 100
174 79.1 0.0 154.4
176 75.1 0.0 148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2406
Delta R.T. 0.000 min
Lab File: VV038991.D
Acq: 21 Aug 2025 19:18

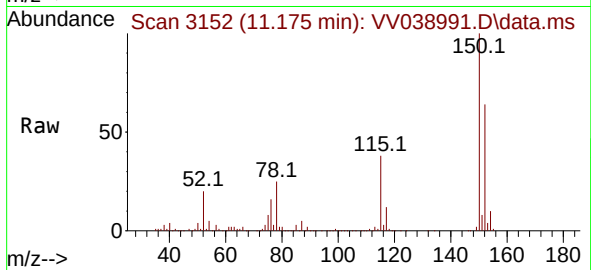
Tgt Ion: 117 Resp: 897248
Ion Ratio Lower Upper
117 100
82 54.1 44.4 66.6
119 32.5 26.0 39.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.175 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV038991.D
 Acq: 21 Aug 2025 19:18

Instrument :
 MSVOA_V
 ClientSampleId :
 DA1-1



Tgt Ion:152 Resp: 391469
 Ion Ratio Lower Upper
 152 100
 115 60.1 42.5 127.5
 150 157.7 0.0 344.8

