

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
 Data File : VV038987.D
 Acq On : 21 Aug 2025 17:52
 Operator : SY/MD
 Sample : Q2929-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DA3-SW2

Quant Time: Aug 22 04:34:38 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)

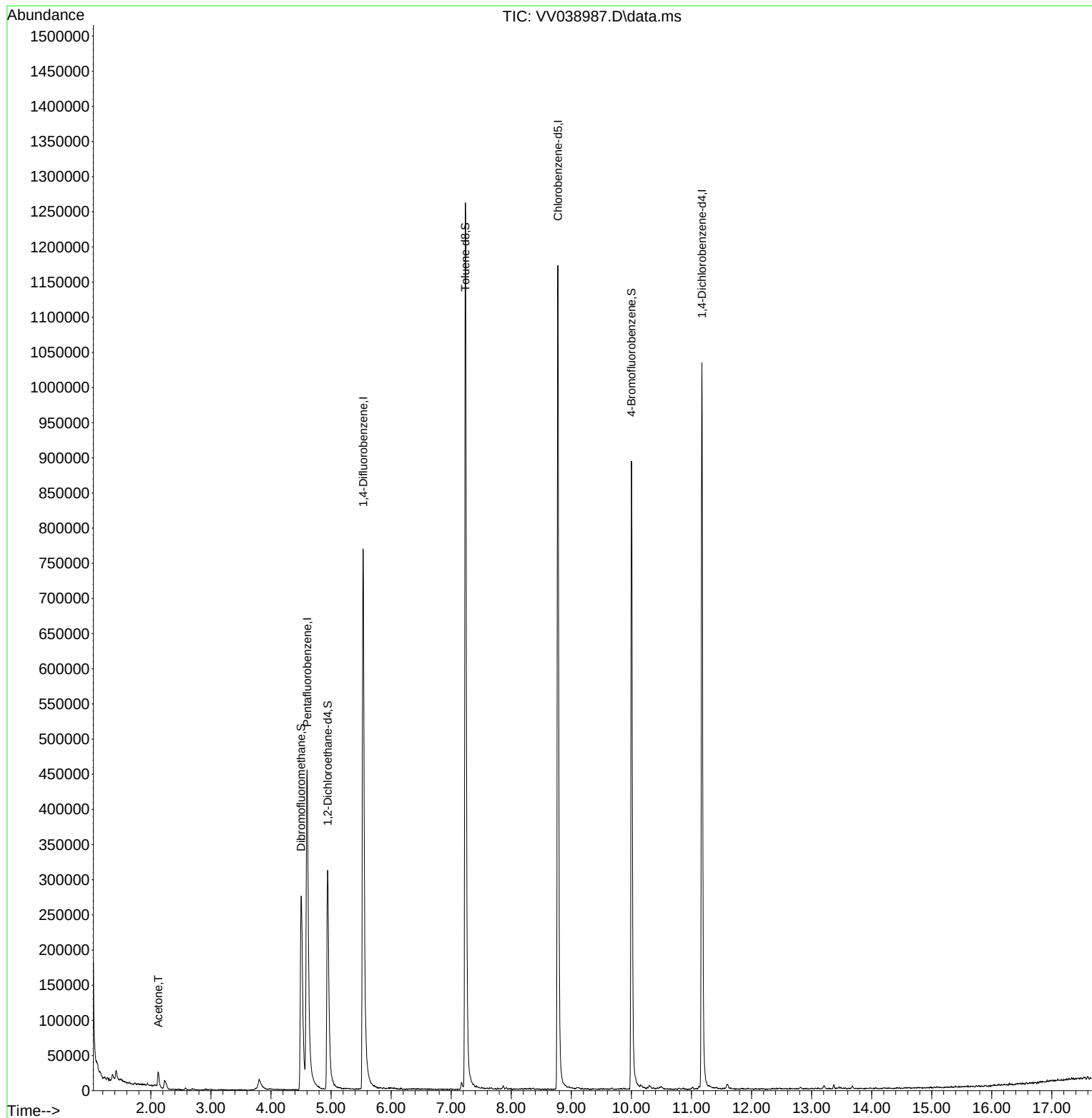
Internal Standards						
1) Pentafluorobenzene	4.603	168	403163	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	772384	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	680413	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	276053	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	286243	50.599	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	101.200%
35) Dibromofluoromethane	4.503	113	234606	40.502	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	81.000%
50) Toluene-d8	7.236	98	895038	44.312	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	88.620%#
62) 4-Bromofluorobenzene	10.001	95	305062	41.285	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	82.560%#
Target Compounds						
16) Acetone	2.124	43	25404	11.189	ug/l	Qvalue 95

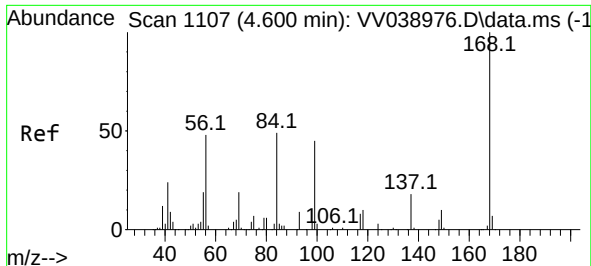
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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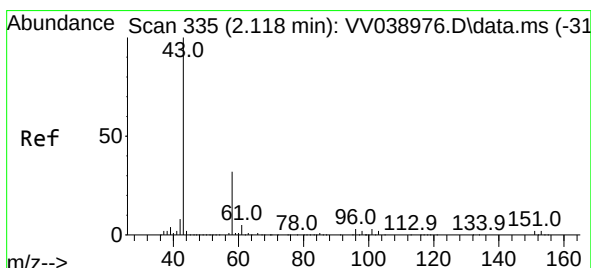
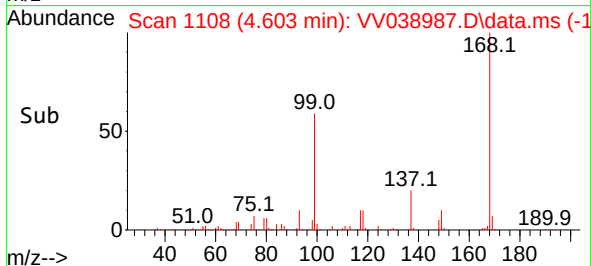
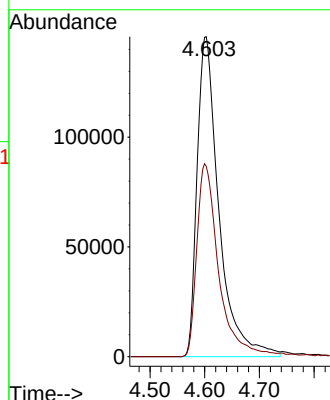
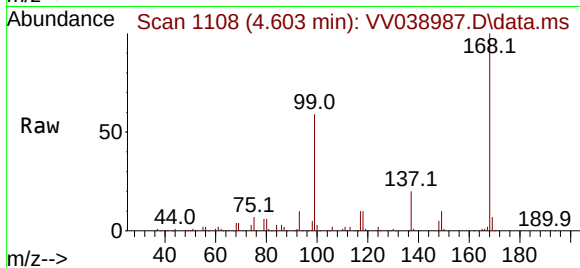




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.603 min Scan# 1107
Delta R.T. 0.003 min
Lab File: VV038987.D
Acq: 21 Aug 2025 17:52

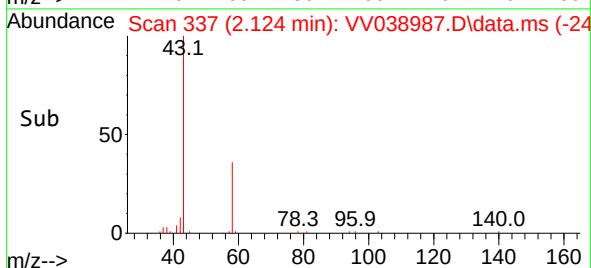
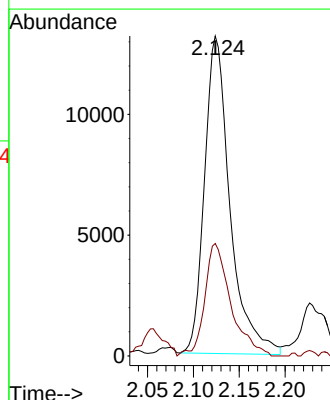
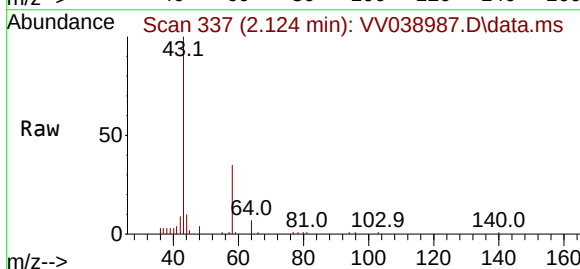
Instrument :
MSVOA_V
ClientSampleId :
DA3-SW2

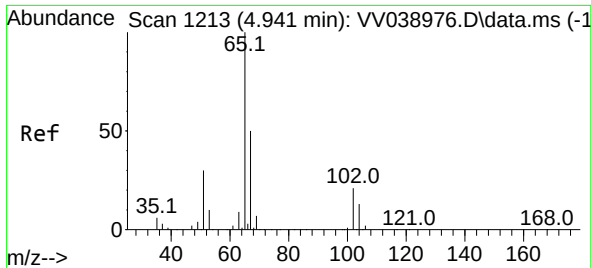
Tgt Ion:168 Resp: 403163
Ion Ratio Lower Upper
168 100
99 59.5 47.0 70.6



#16
Acetone
Concen: 11.189 ug/l
RT: 2.124 min Scan# 337
Delta R.T. 0.006 min
Lab File: VV038987.D
Acq: 21 Aug 2025 17:52

Tgt Ion: 43 Resp: 25404
Ion Ratio Lower Upper
43 100
58 35.5 26.3 39.5

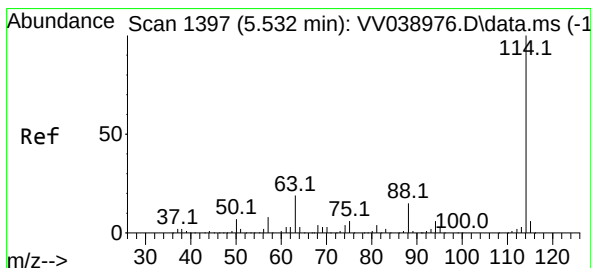
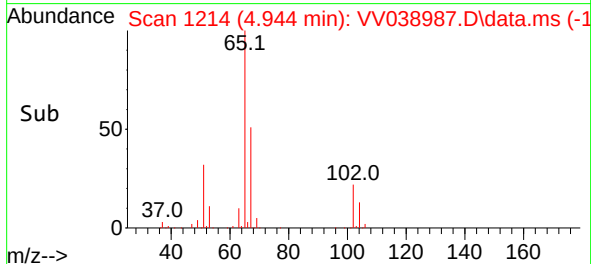
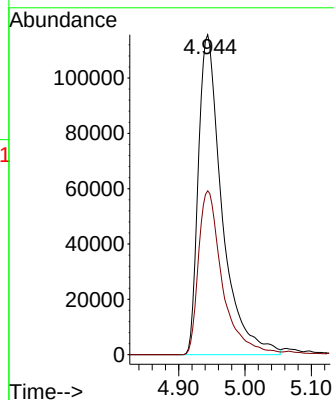
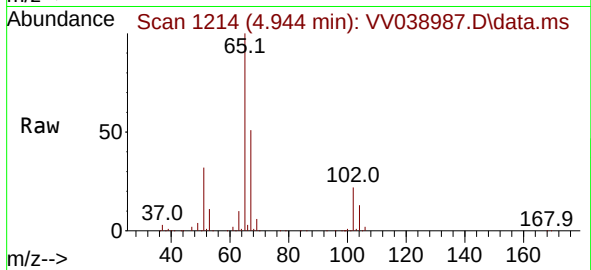




#33
1,2-Dichloroethane-d4
Concen: 50.599 ug/l
RT: 4.944 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV038987.D
Acq: 21 Aug 2025 17:52

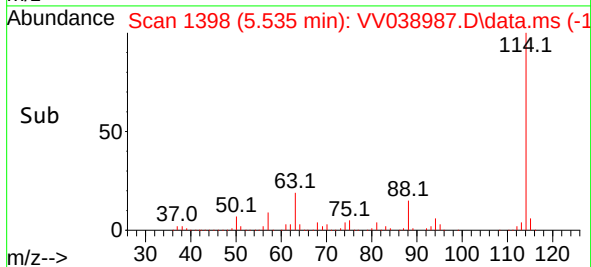
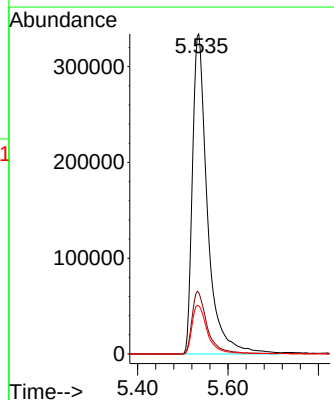
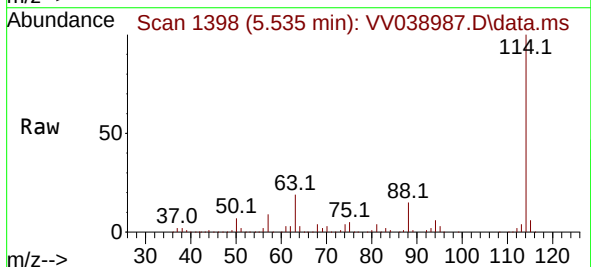
Instrument :
MSVOA_V
ClientSampleId :
DA3-SW2

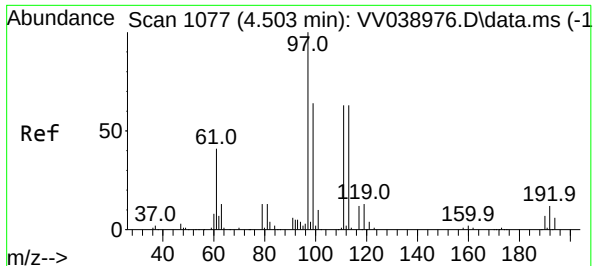
Tgt Ion: 65 Resp: 286243
Ion Ratio Lower Upper
65 100
67 51.9 0.0 100.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.535 min Scan# 1398
Delta R.T. 0.003 min
Lab File: VV038987.D
Acq: 21 Aug 2025 17:52

Tgt Ion: 114 Resp: 772384
Ion Ratio Lower Upper
114 100
63 19.2 0.0 37.4
88 15.0 0.0 30.4

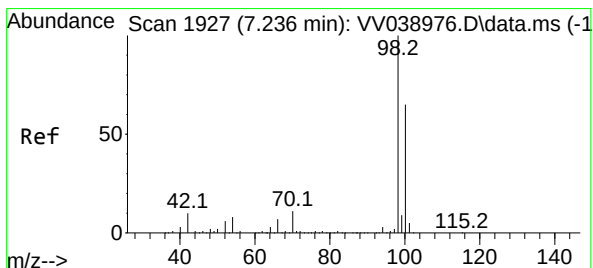
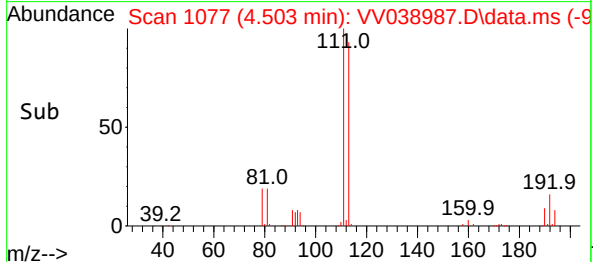
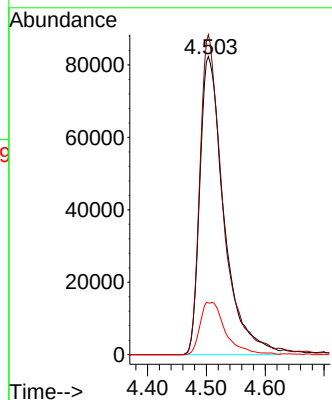
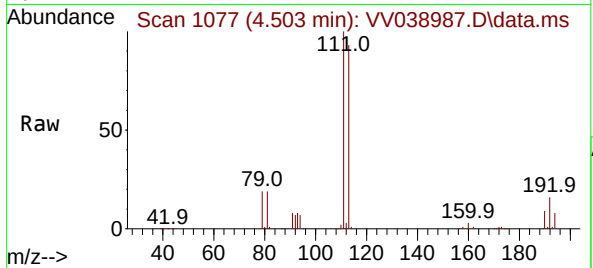




#35
Dibromofluoromethane
Concen: 40.502 ug/l
RT: 4.503 min Scan# 1077
Delta R.T. -0.000 min
Lab File: VV038987.D
Acq: 21 Aug 2025 17:52

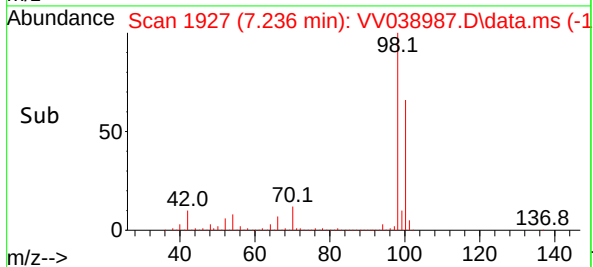
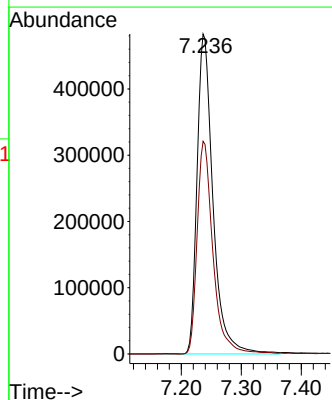
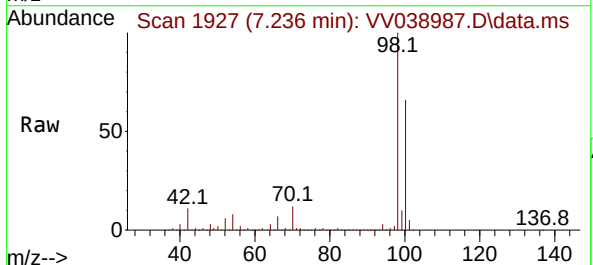
Instrument :
MSVOA_V
ClientSampleId :
DA3-SW2

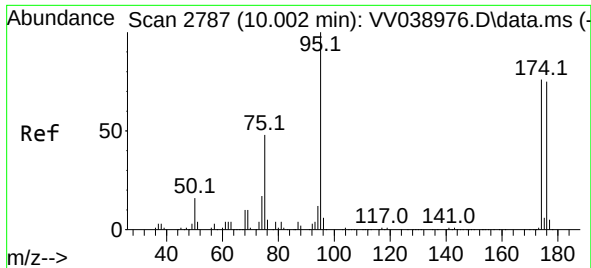
Tgt Ion:113 Resp: 234606
Ion Ratio Lower Upper
113 100
111 102.5 81.3 121.9
192 18.5 15.4 23.0



#50
Toluene-d8
Concen: 44.312 ug/l
RT: 7.236 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VV038987.D
Acq: 21 Aug 2025 17:52

Tgt Ion: 98 Resp: 895038
Ion Ratio Lower Upper
98 100
100 65.6 52.2 78.2

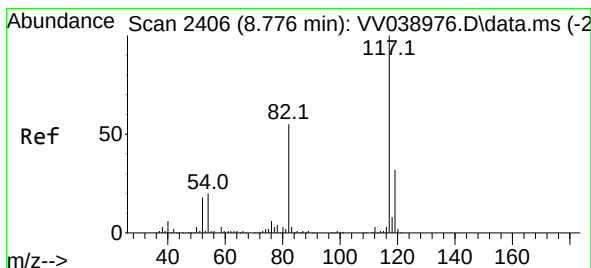
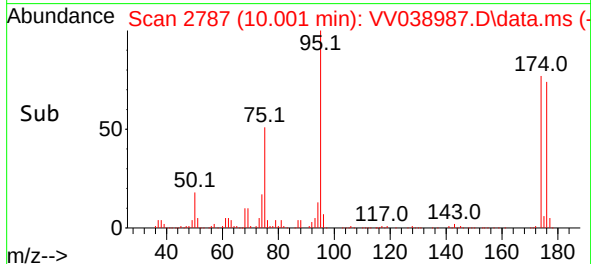
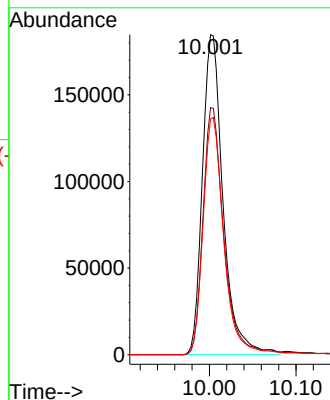
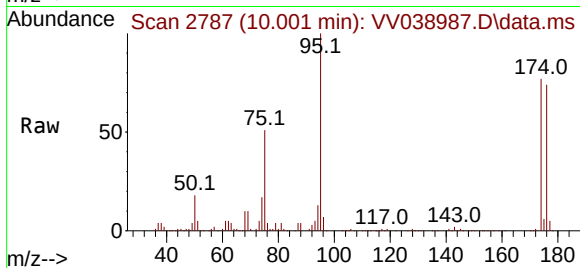




#62
4-Bromofluorobenzene
Concen: 41.285 ug/l
RT: 10.001 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV038987.D
Acq: 21 Aug 2025 17:52

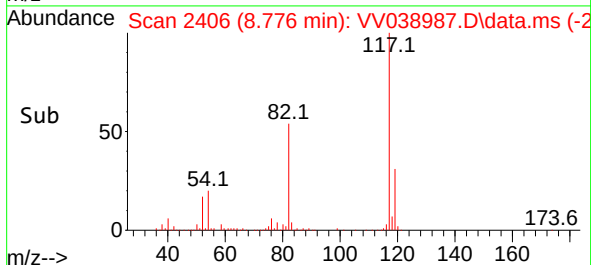
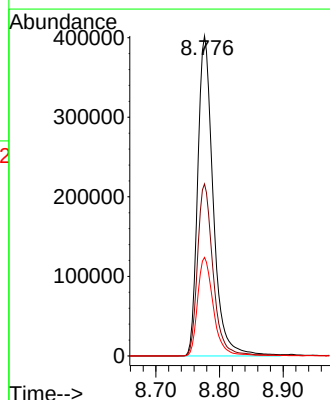
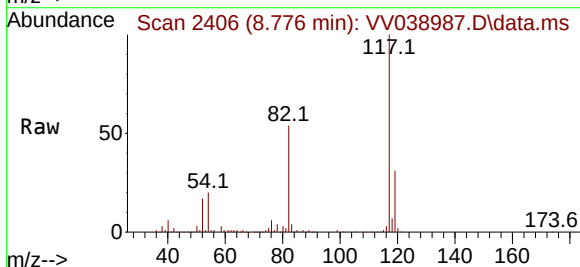
Instrument :
MSVOA_V
ClientSampleId :
DA3-SW2

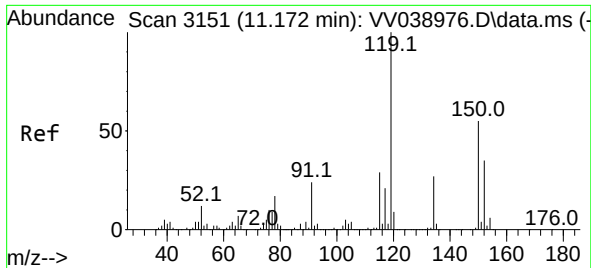
Tgt Ion: 95 Resp: 305062
Ion Ratio Lower Upper
95 100
174 77.0 0.0 154.4
176 74.4 0.0 148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2406
Delta R.T. 0.000 min
Lab File: VV038987.D
Acq: 21 Aug 2025 17:52

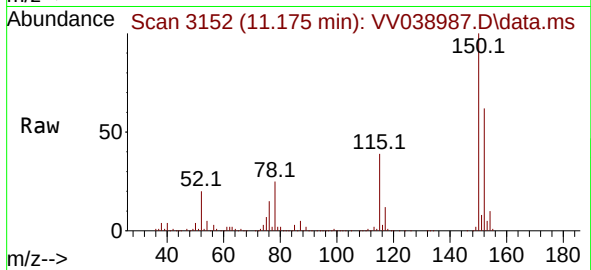
Tgt Ion: 117 Resp: 680413
Ion Ratio Lower Upper
117 100
82 53.7 44.4 66.6
119 30.8 26.0 39.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.175 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV038987.D
 Acq: 21 Aug 2025 17:52

Instrument :
 MSVOA_V
 ClientSampleId :
 DA3-SW2



Tgt Ion:	152	Resp:	276053
Ion	Ratio	Lower	Upper
152	100		
115	62.7	42.5	127.5
150	158.5	0.0	344.8

