

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082225\
 Data File : VV039013.D
 Acq On : 22 Aug 2025 13:26
 Operator : SY/MD
 Sample : Q2929-03
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DA5-SW4

Quant Time: Aug 25 02:21:58 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)

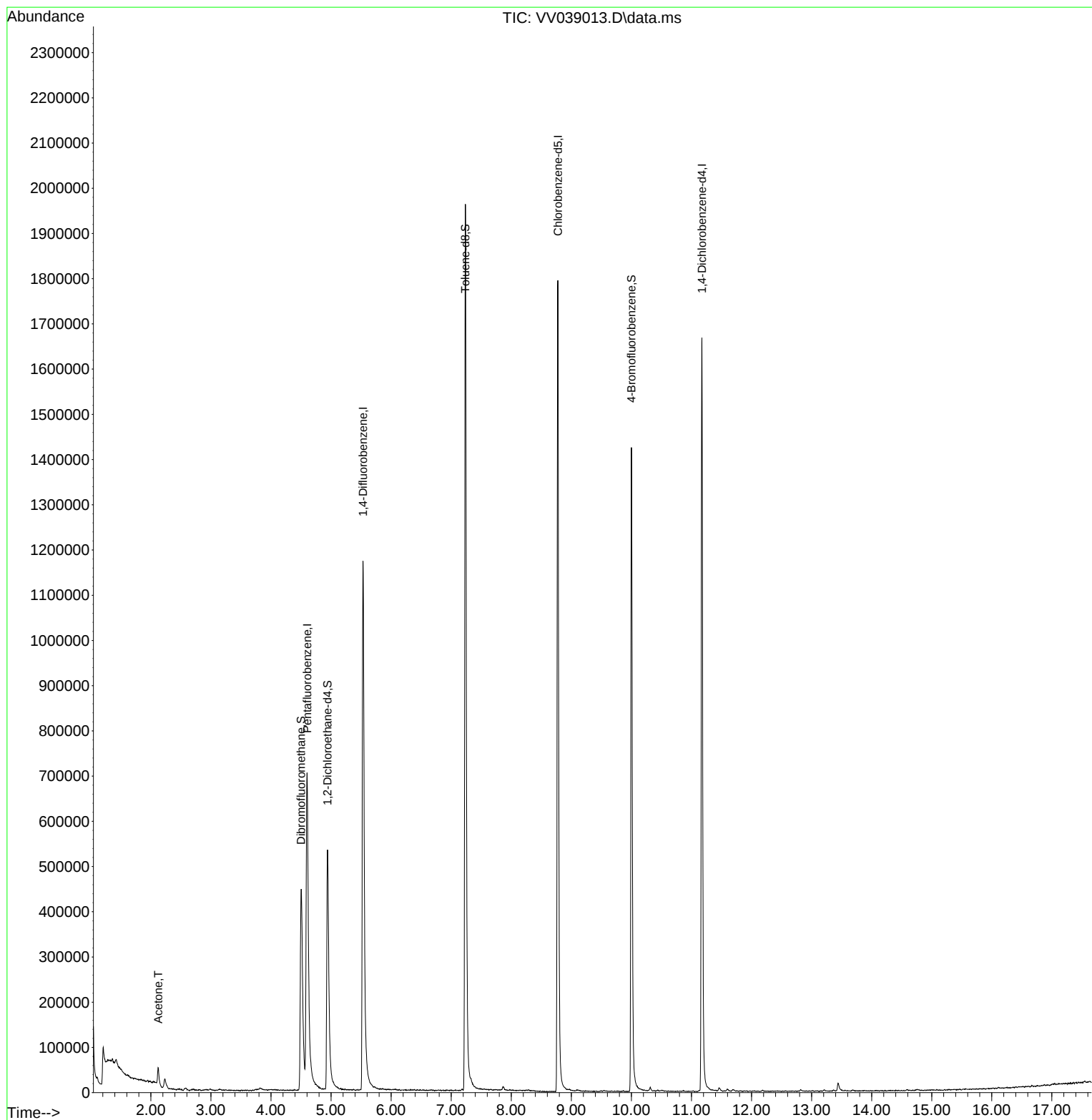
Internal Standards						
1) Pentafluorobenzene	4.603	168	582739	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1134821	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	1033198	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	449917	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	486168	59.457	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	118.920%#
35) Dibromofluoromethane	4.503	113	386669	45.434	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	90.860%
50) Toluene-d8	7.236	98	1362042	45.896	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	91.800%
62) 4-Bromofluorobenzene	10.001	95	501660	46.208	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	92.420%
Target Compounds						
16) Acetone	2.124	43	45975	14.009	ug/l	Qvalue 97

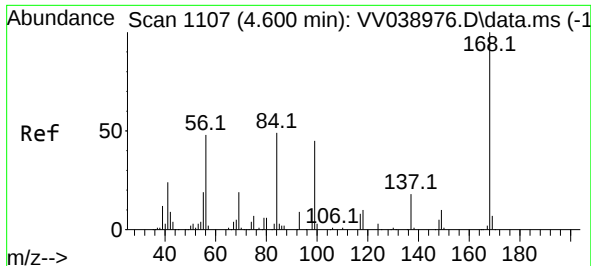
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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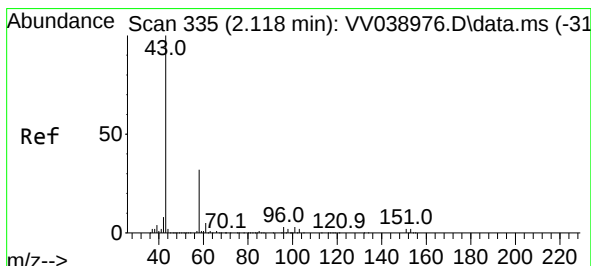
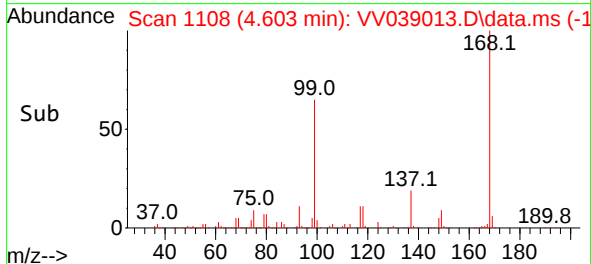
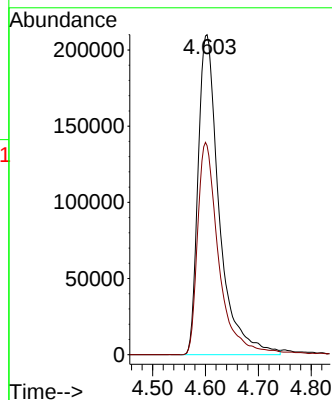
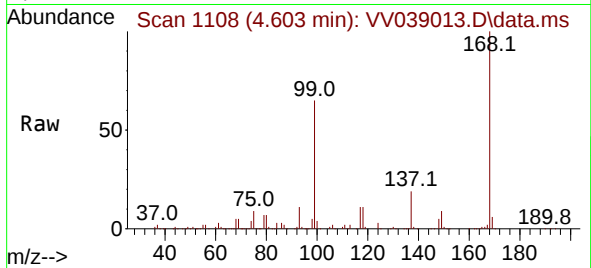




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.603 min Scan# 1107
Delta R.T. 0.003 min
Lab File: VV039013.D
Acq: 22 Aug 2025 13:26

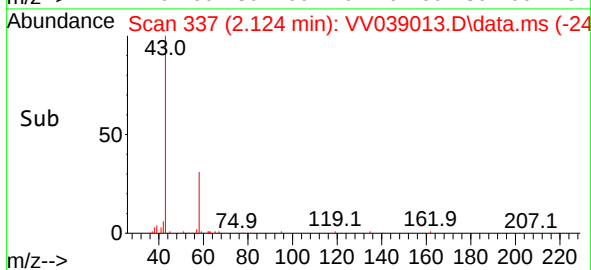
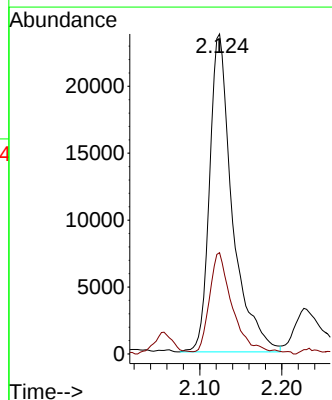
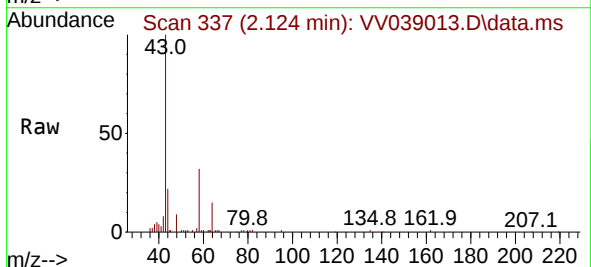
Instrument :
MSVOA_V
ClientSampleId :
DA5-SW4

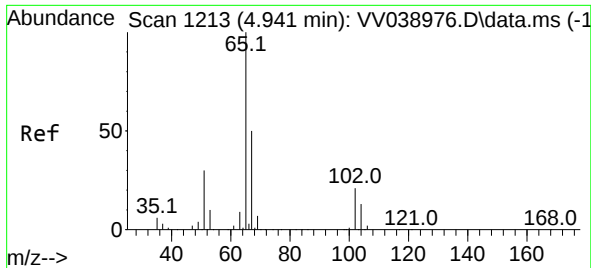
Tgt Ion:168 Resp: 582739
Ion Ratio Lower Upper
168 100
99 65.3 47.0 70.6



#16
Acetone
Concen: 14.009 ug/l
RT: 2.124 min Scan# 337
Delta R.T. 0.006 min
Lab File: VV039013.D
Acq: 22 Aug 2025 13:26

Tgt Ion: 43 Resp: 45975
Ion Ratio Lower Upper
43 100
58 31.0 26.3 39.5





#33

1,2-Dichloroethane-d4

Concen: 59.457 ug/l

RT: 4.941 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV039013.D

Acq: 22 Aug 2025 13:26

Instrument :

MSVOA_V

ClientSampleId :

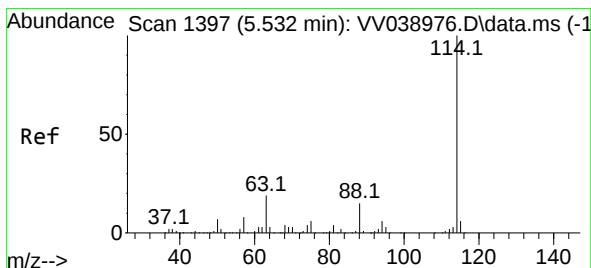
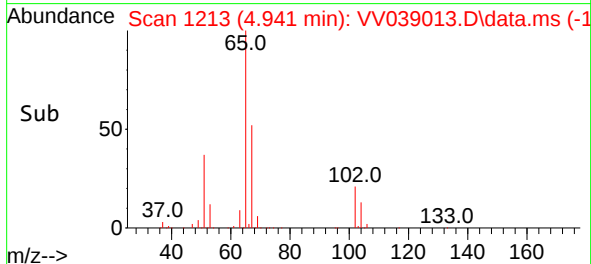
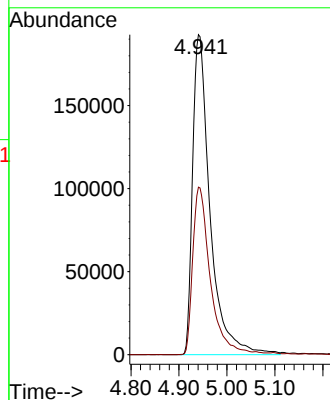
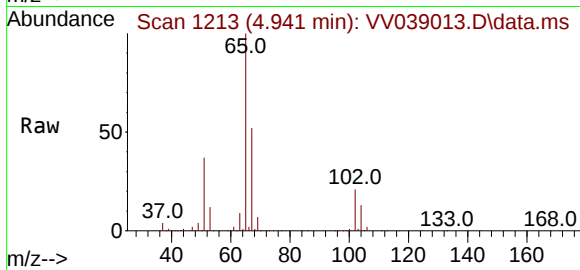
DA5-SW4

Tgt Ion: 65 Resp: 486168

Ion Ratio Lower Upper

65 100

67 52.4 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: VV039013.D

Acq: 22 Aug 2025 13:26

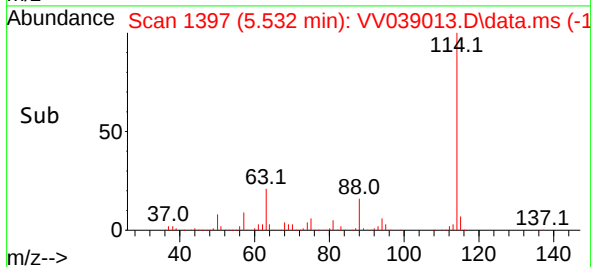
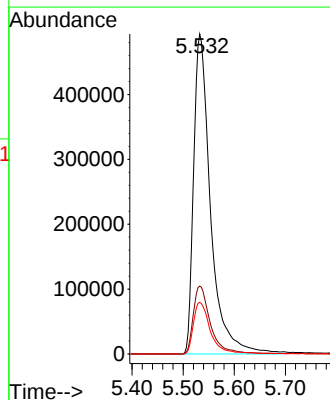
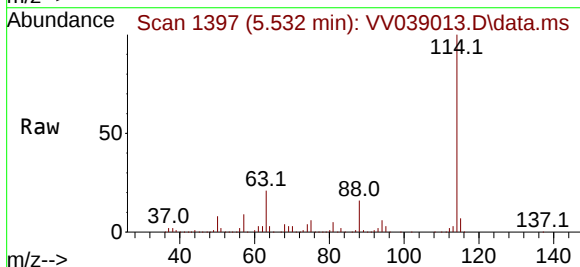
Tgt Ion: 114 Resp: 1134821

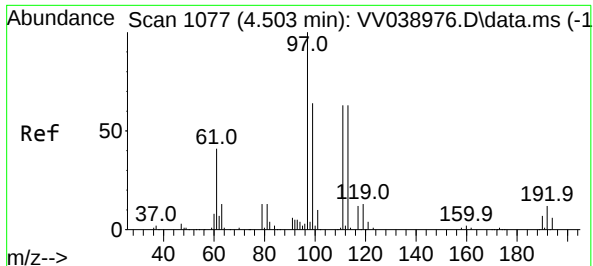
Ion Ratio Lower Upper

114 100

63 21.2 0.0 37.4

88 16.1 0.0 30.4

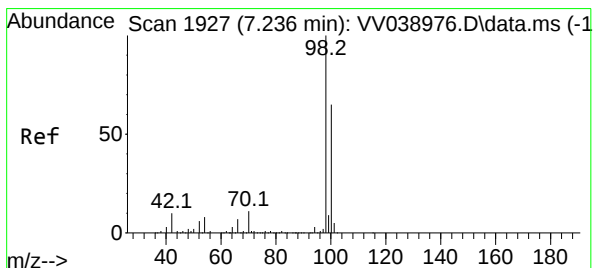
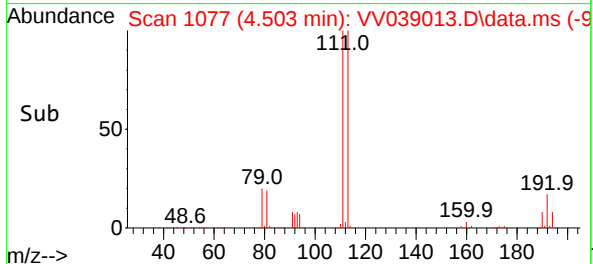
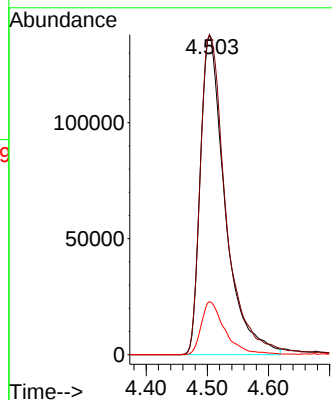
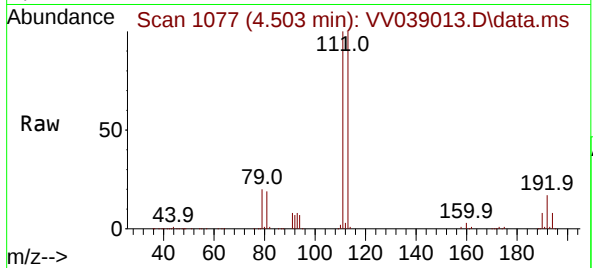




#35
Dibromofluoromethane
Concen: 45.434 ug/l
RT: 4.503 min Scan# 1077
Delta R.T. -0.000 min
Lab File: VV039013.D
Acq: 22 Aug 2025 13:26

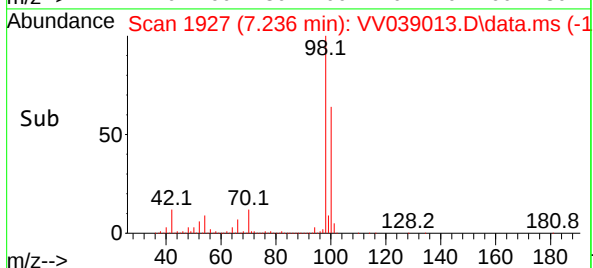
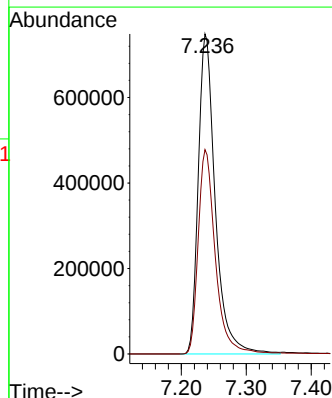
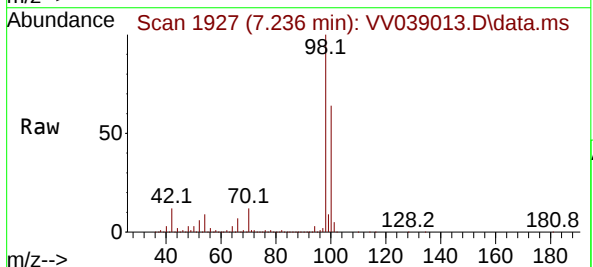
Instrument :
MSVOA_V
ClientSampleId :
DA5-SW4

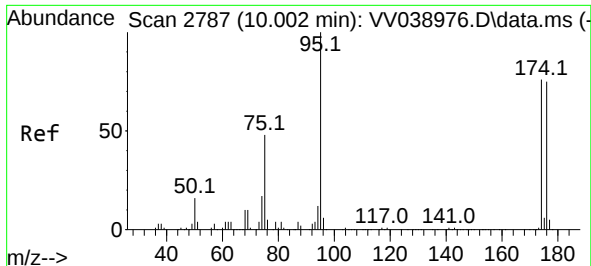
Tgt Ion:113 Resp: 386669
Ion Ratio Lower Upper
113 100
111 103.0 81.3 121.9
192 16.0 15.4 23.0



#50
Toluene-d8
Concen: 45.896 ug/l
RT: 7.236 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VV039013.D
Acq: 22 Aug 2025 13:26

Tgt Ion: 98 Resp: 1362042
Ion Ratio Lower Upper
98 100
100 64.5 52.2 78.2

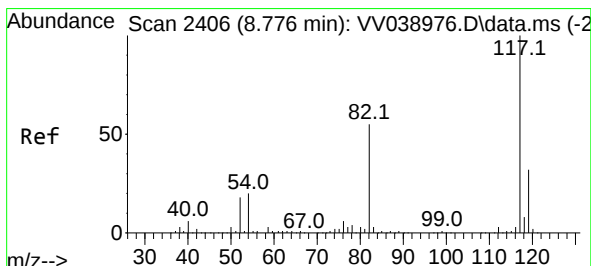
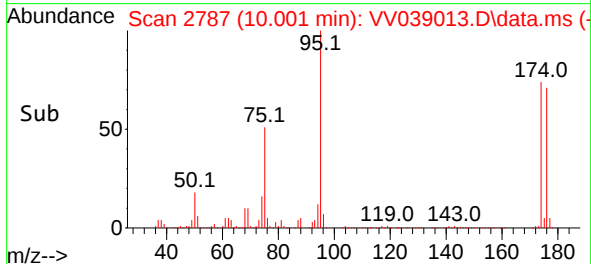
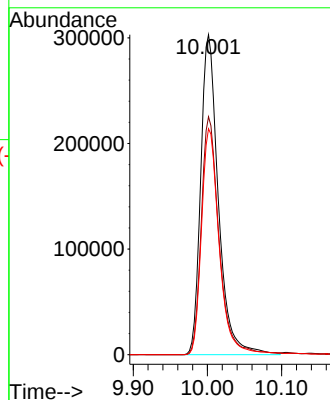
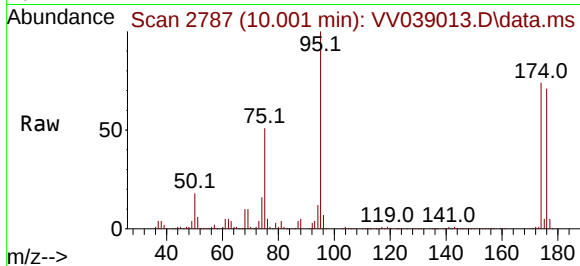




#62
4-Bromofluorobenzene
Concen: 46.208 ug/l
RT: 10.001 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV039013.D
Acq: 22 Aug 2025 13:26

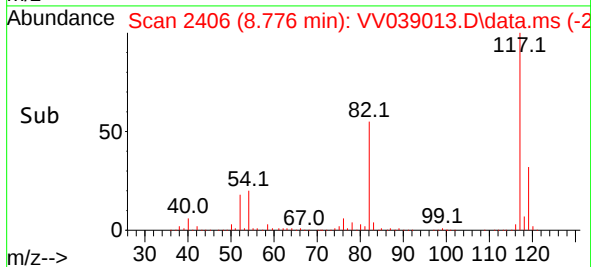
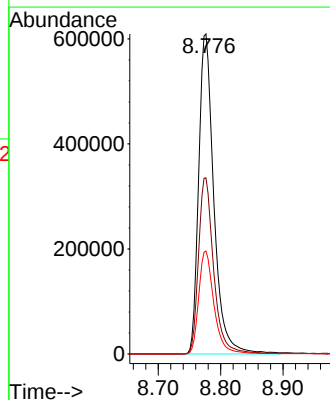
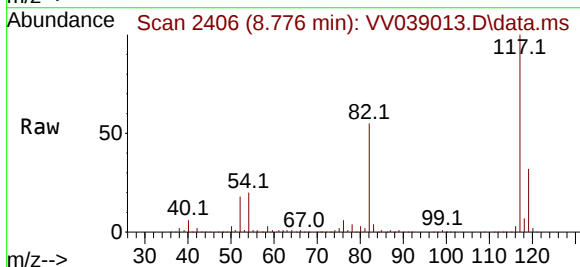
Instrument :
MSVOA_V
ClientSampleId :
DA5-SW4

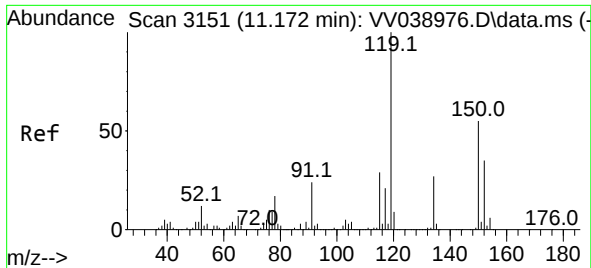
Tgt Ion: 95 Resp: 501660
Ion Ratio Lower Upper
95 100
174 75.0 0.0 154.4
176 71.0 0.0 148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2406
Delta R.T. 0.000 min
Lab File: VV039013.D
Acq: 22 Aug 2025 13:26

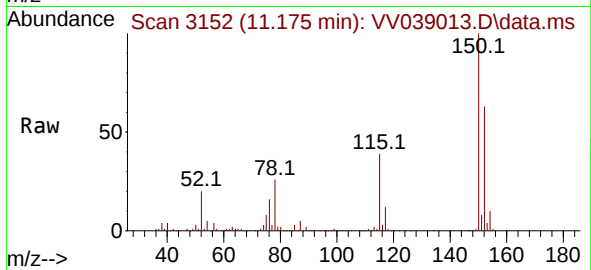
Tgt Ion: 117 Resp: 1033198
Ion Ratio Lower Upper
117 100
82 55.0 44.4 66.6
119 32.1 26.0 39.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.175 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV039013.D
 Acq: 22 Aug 2025 13:26

Instrument :
 MSVOA_V
 ClientSampleId :
 DA5-SW4



Tgt Ion:	152	Resp:	449917
Ion Ratio	Lower	Upper	
152	100		
115	62.1	42.5	127.5
150	157.0	0.0	344.8

