

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
 Data File : VV038988.D
 Acq On : 21 Aug 2025 18:14
 Operator : SY/MD
 Sample : Q2929-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DA5-SW3

Quant Time: Aug 22 04:35:07 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)

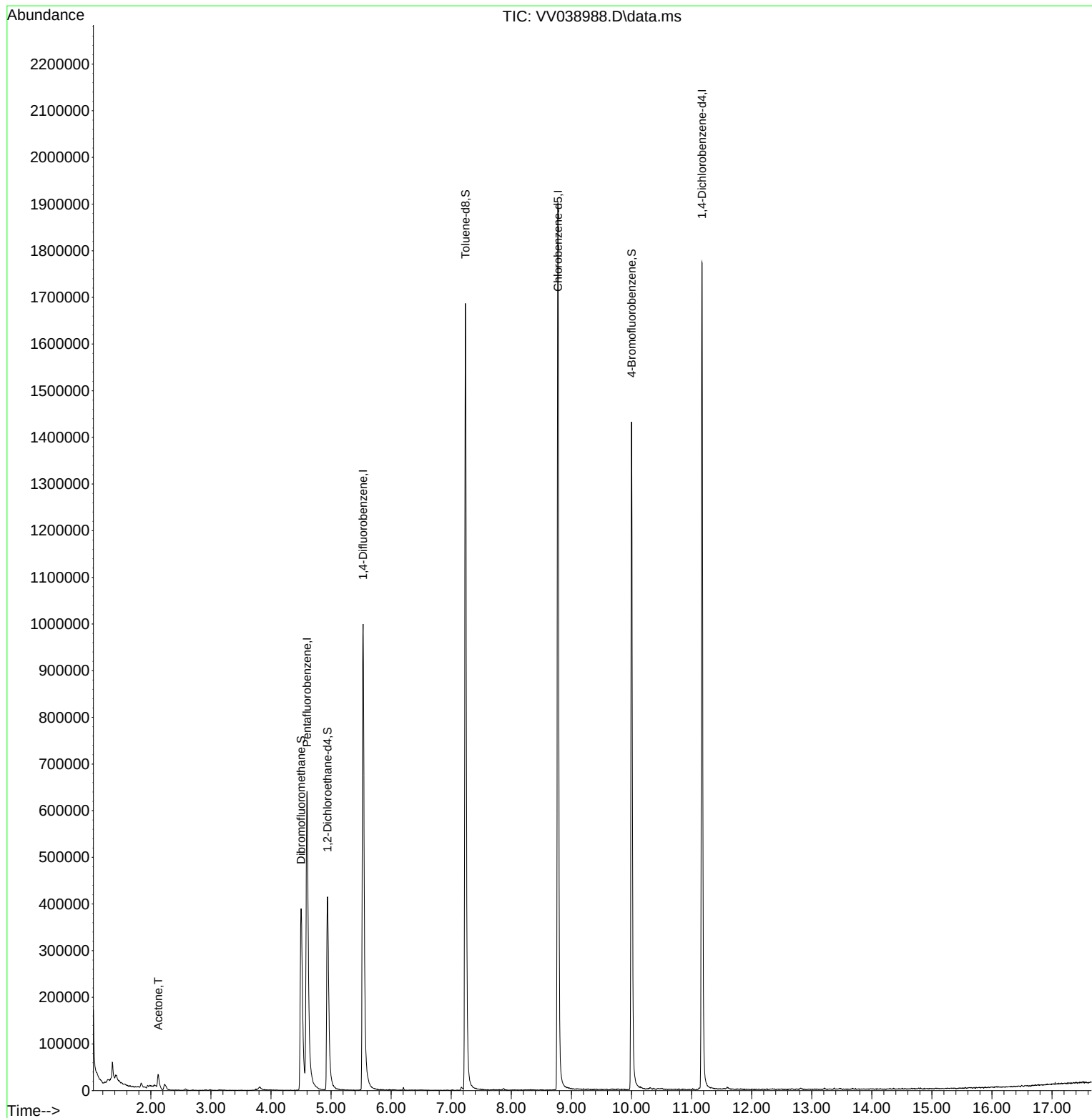
Internal Standards						
1) Pentafluorobenzene	4.600	168	567969	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	999329	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	1081937	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	465817	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	394780	49.536	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	99.080%
35) Dibromofluoromethane	4.500	113	322374	43.015	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	86.040%
50) Toluene-d8	7.236	98	1193111	45.654	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	91.300%
62) 4-Bromofluorobenzene	10.002	95	485086	50.740	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	101.480%
Target Compounds						
16) Acetone	2.124	43	33120	10.354	ug/l	Qvalue 97

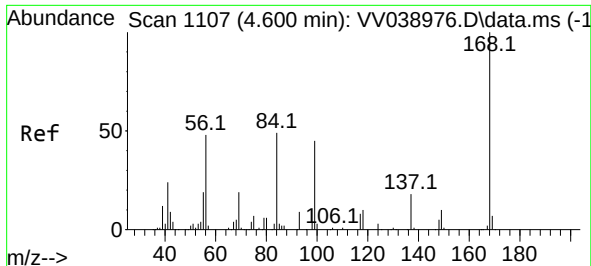
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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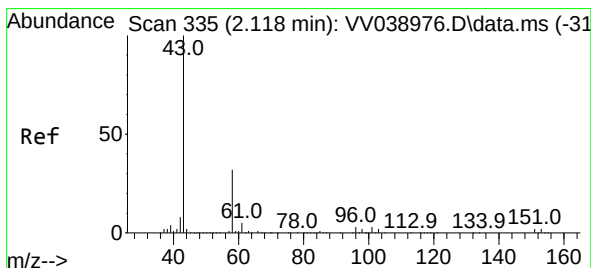
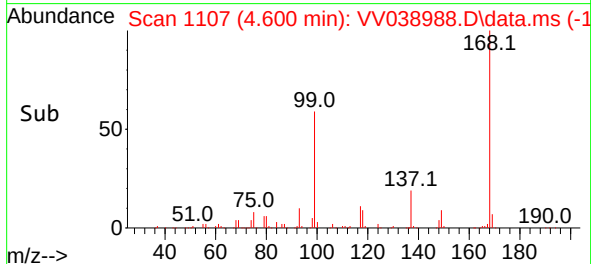
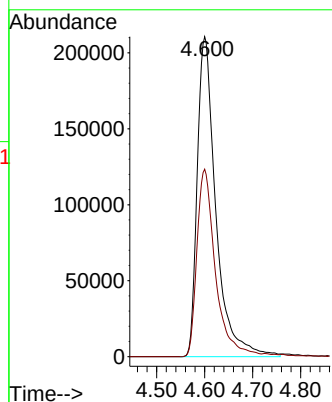
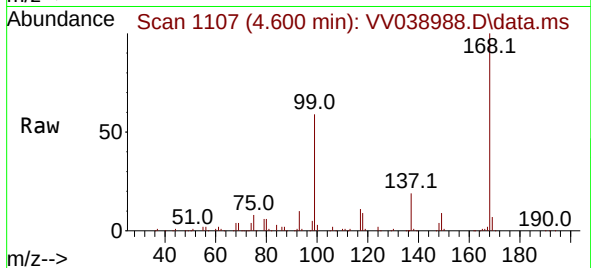




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VV038988.D
Acq: 21 Aug 2025 18:14

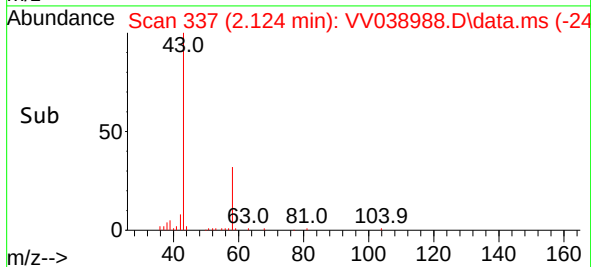
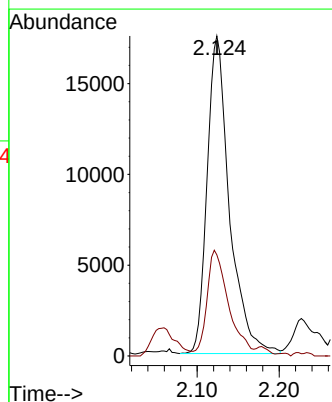
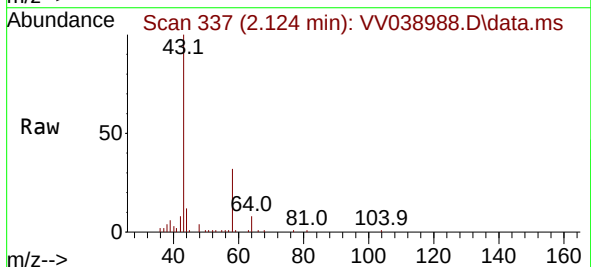
Instrument :
MSVOA_V
ClientSampleId :
DA5-SW3

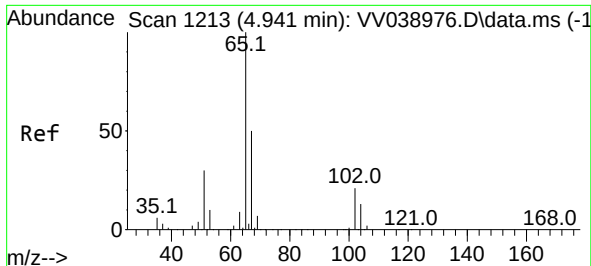
Tgt Ion:168 Resp: 567969
Ion Ratio Lower Upper
168 100
99 58.6 47.0 70.6



#16
Acetone
Concen: 10.354 ug/l
RT: 2.124 min Scan# 337
Delta R.T. 0.006 min
Lab File: VV038988.D
Acq: 21 Aug 2025 18:14

Tgt Ion: 43 Resp: 33120
Ion Ratio Lower Upper
43 100
58 31.1 26.3 39.5





#33

1,2-Dichloroethane-d4

Concen: 49.536 ug/l

RT: 4.941 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV038988.D

Acq: 21 Aug 2025 18:14

Instrument :

MSVOA_V

ClientSampleId :

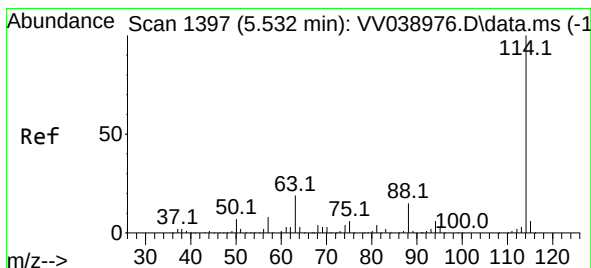
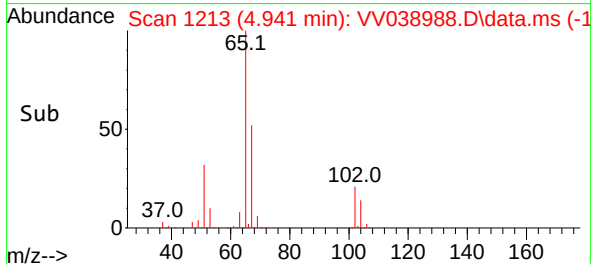
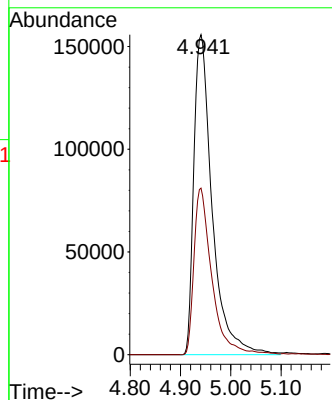
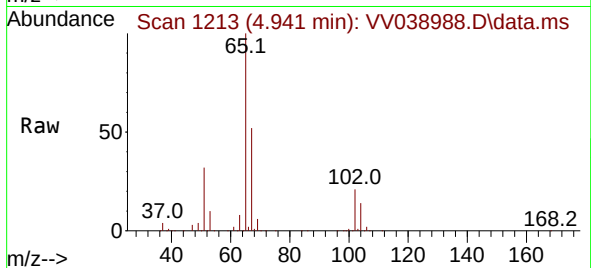
DA5-SW3

Tgt Ion: 65 Resp: 394780

Ion Ratio Lower Upper

65 100

67 50.7 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: VV038988.D

Acq: 21 Aug 2025 18:14

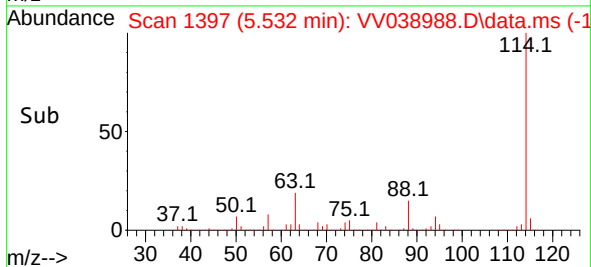
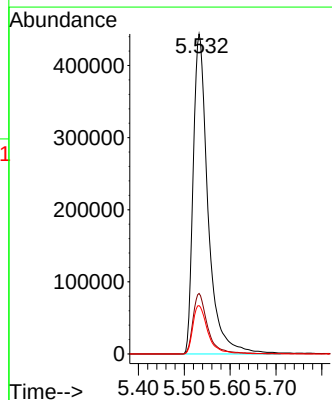
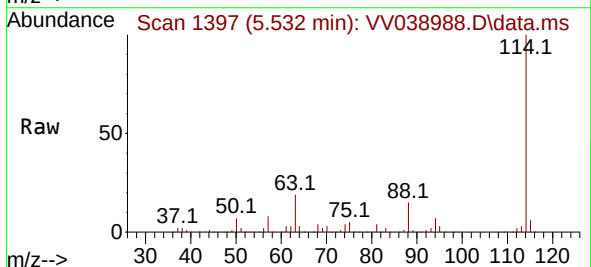
Tgt Ion: 114 Resp: 999329

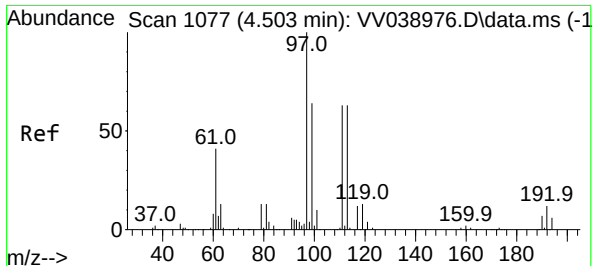
Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.4

88 15.1 0.0 30.4

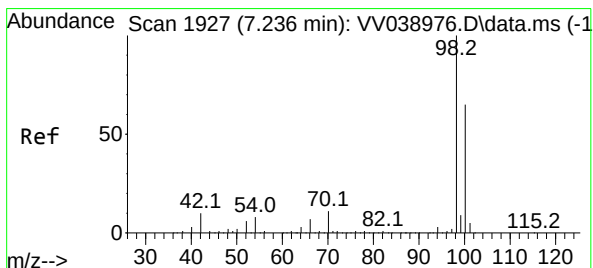
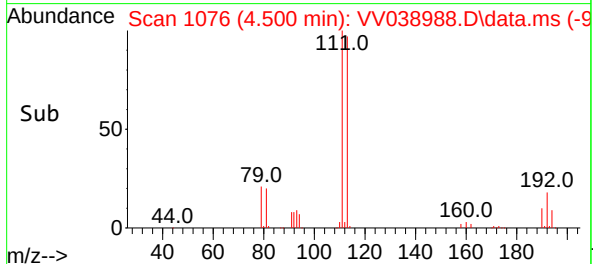
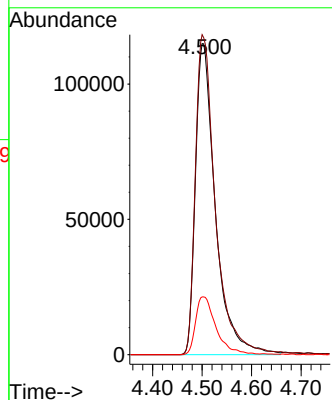
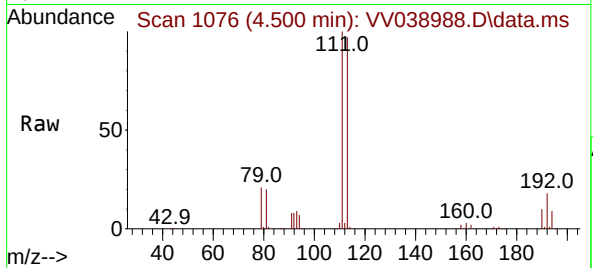




#35
Dibromofluoromethane
Concen: 43.015 ug/l
RT: 4.500 min Scan# 1077
Delta R.T. -0.003 min
Lab File: VV038988.D
Acq: 21 Aug 2025 18:14

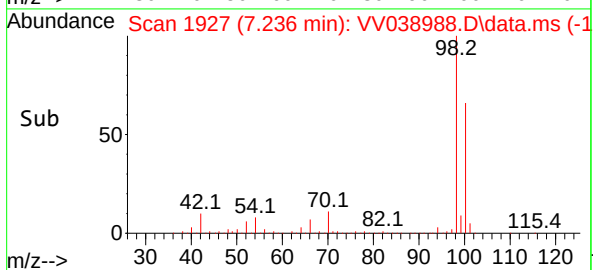
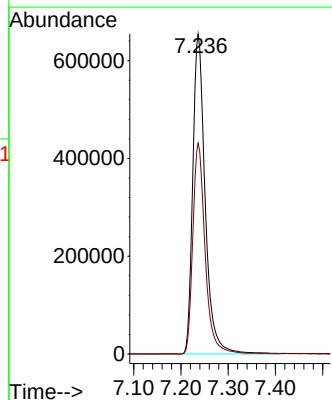
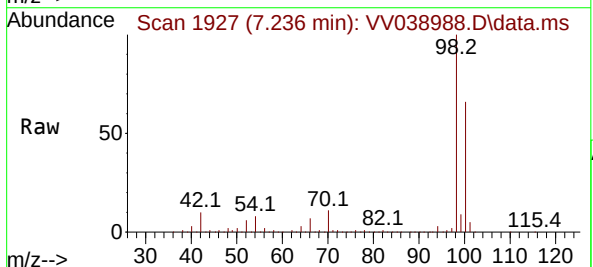
Instrument :
MSVOA_V
ClientSampleId :
DA5-SW3

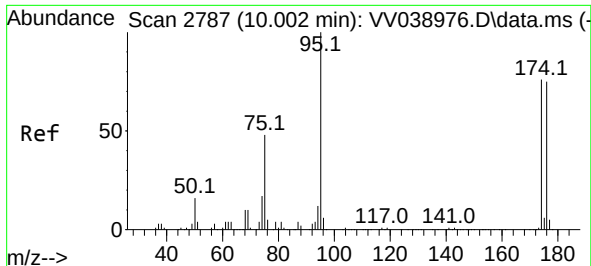
Tgt Ion:113 Resp: 322374
Ion Ratio Lower Upper
113 100
111 103.6 81.3 121.9
192 19.1 15.4 23.0



#50
Toluene-d8
Concen: 45.654 ug/l
RT: 7.236 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VV038988.D
Acq: 21 Aug 2025 18:14

Tgt Ion: 98 Resp: 1193111
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.2

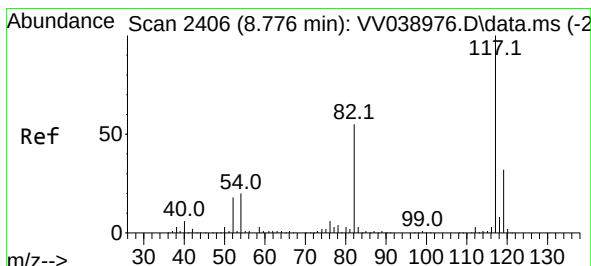
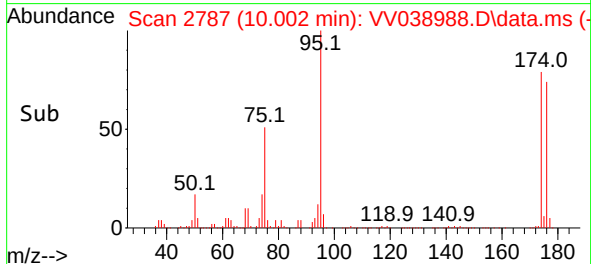
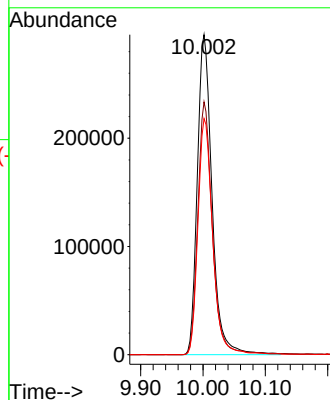
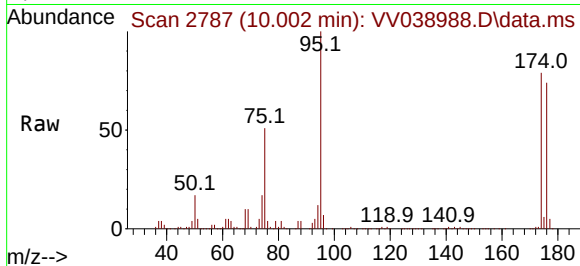




#62
4-Bromofluorobenzene
Concen: 50.740 ug/l
RT: 10.002 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038988.D
Acq: 21 Aug 2025 18:14

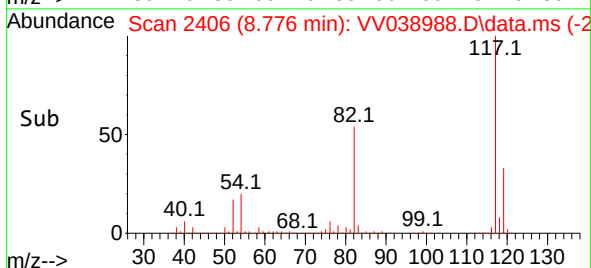
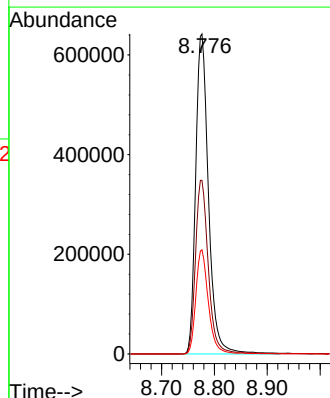
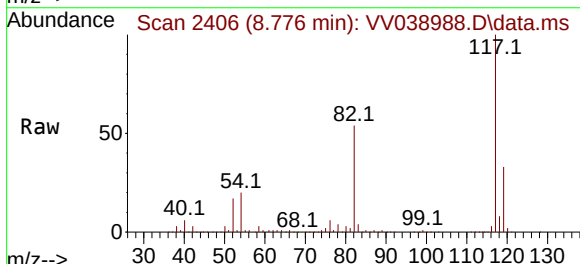
Instrument :
MSVOA_V
ClientSampleId :
DA5-SW3

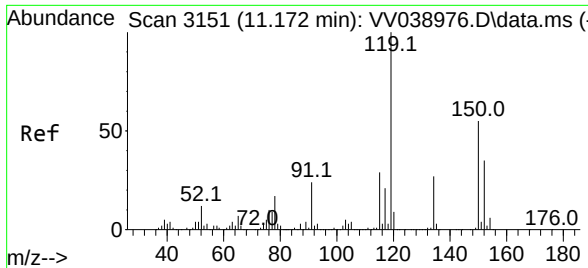
Tgt Ion: 95 Resp: 485086
Ion Ratio Lower Upper
95 100
174 77.9 0.0 154.4
176 73.4 0.0 148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2406
Delta R.T. 0.000 min
Lab File: VV038988.D
Acq: 21 Aug 2025 18:14

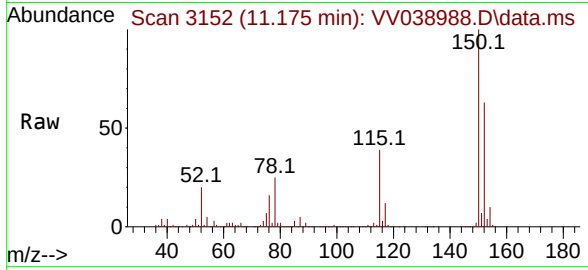
Tgt Ion: 117 Resp: 1081937
Ion Ratio Lower Upper
117 100
82 54.3 44.4 66.6
119 32.5 26.0 39.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.175 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV038988.D
 Acq: 21 Aug 2025 18:14

Instrument :
 MSVOA_V
 ClientSampleId :
 DA5-SW3



Tgt Ion:152 Resp: 465817

Ion	Ratio	Lower	Upper
152	100		
115	60.3	42.5	127.5
150	158.0	0.0	344.8

