

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
 Data File : VV038994.D
 Acq On : 21 Aug 2025 20:23
 Operator : SY/MD
 Sample : Q2925-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 OUTFALL-2

Quant Time: Aug 22 04:37:51 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)

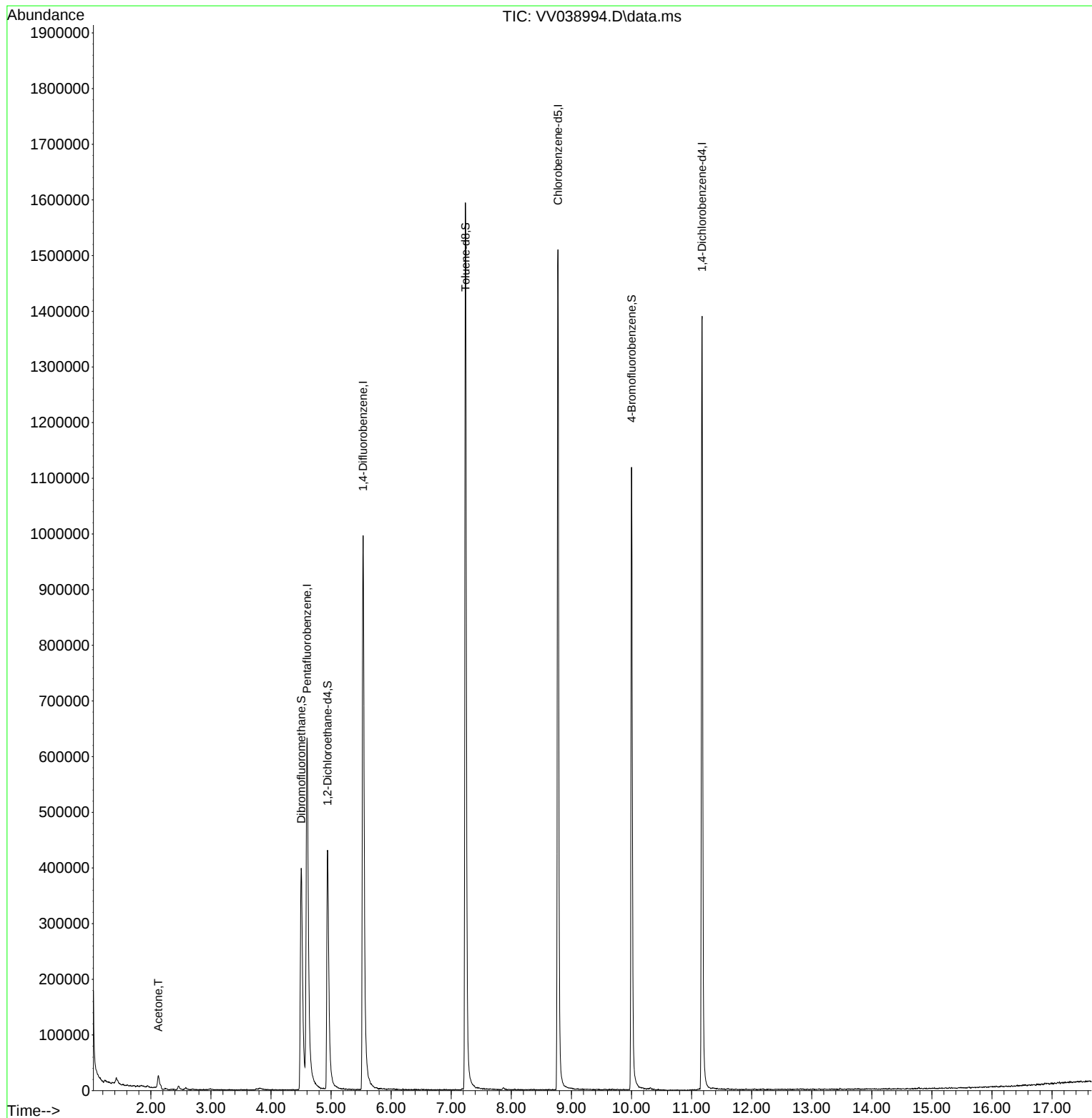
Internal Standards						
1) Pentafluorobenzene	4.600	168	540888	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	977190	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	853316	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	375523	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	390573	51.462	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	102.920%
35) Dibromofluoromethane	4.503	113	338011	46.123	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	92.240%
50) Toluene-d8	7.236	98	1131202	44.266	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	88.540%#
62) 4-Bromofluorobenzene	10.001	95	378000	40.434	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	80.860%#
Target Compounds						
16) Acetone	2.124	43	22868	7.507	ug/l	Qvalue # 87

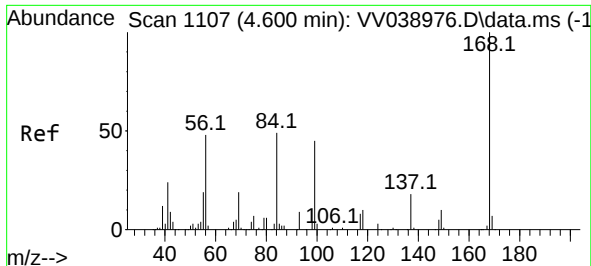
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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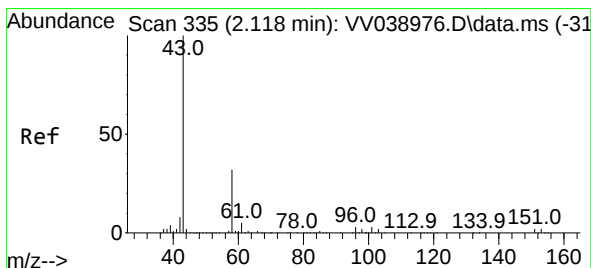
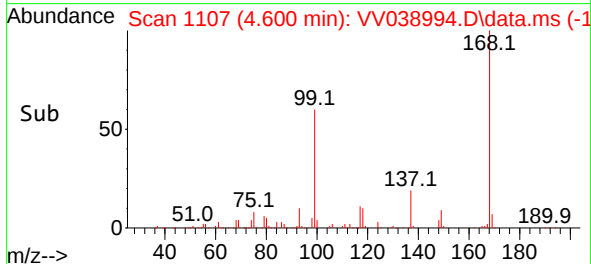
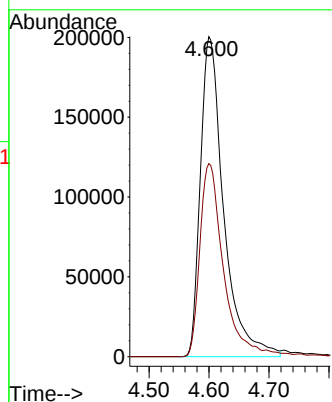
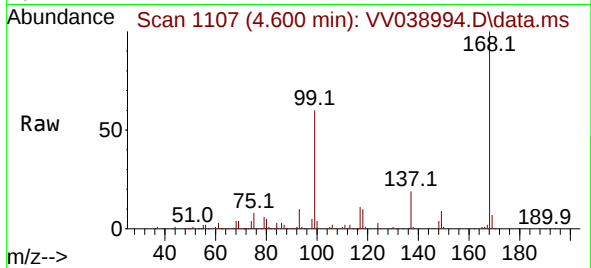




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VV038994.D
Acq: 21 Aug 2025 20:23

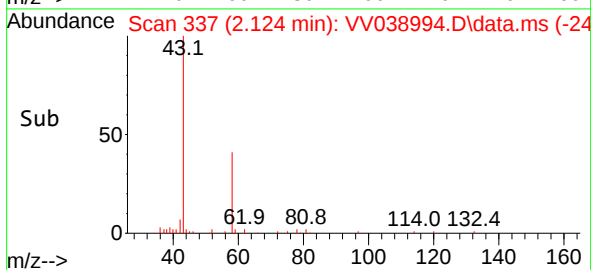
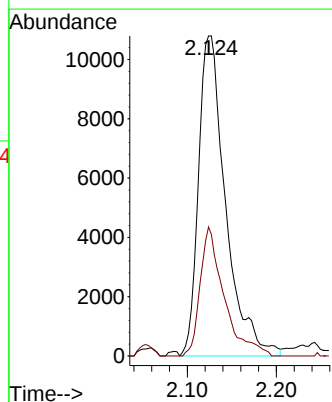
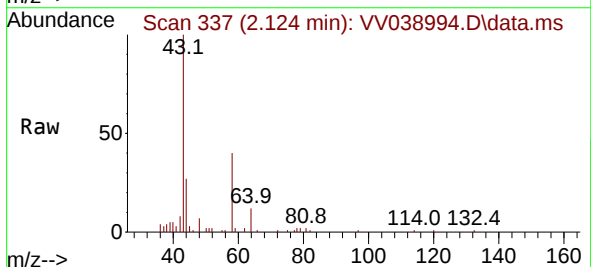
Instrument :
MSVOA_V
ClientSampleId :
OUTFALL-2

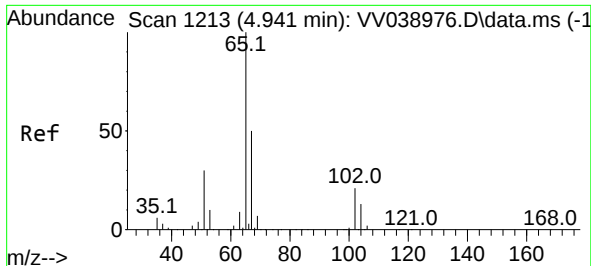
Tgt Ion:168 Resp: 540888
Ion Ratio Lower Upper
168 100
99 60.3 47.0 70.6



#16
Acetone
Concen: 7.507 ug/l
RT: 2.124 min Scan# 337
Delta R.T. 0.006 min
Lab File: VV038994.D
Acq: 21 Aug 2025 20:23

Tgt Ion: 43 Resp: 22868
Ion Ratio Lower Upper
43 100
58 40.3 26.3 39.5#





#33

1,2-Dichloroethane-d4

Concen: 51.462 ug/l

RT: 4.940 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV038994.D

Acq: 21 Aug 2025 20:23

Instrument :

MSVOA_V

ClientSampleId :

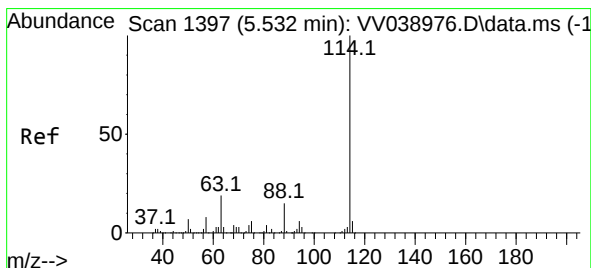
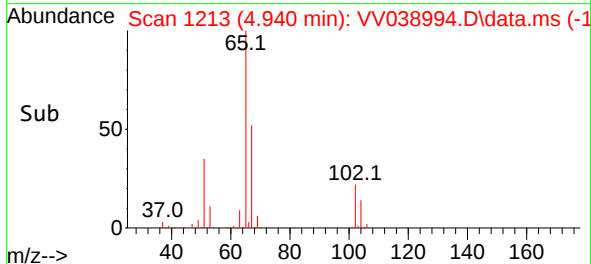
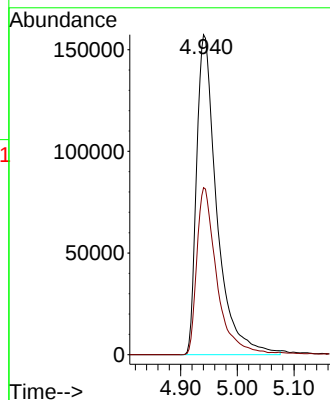
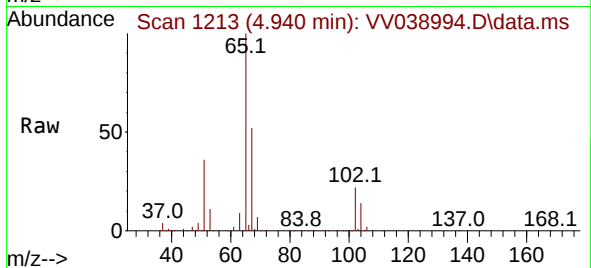
OUTFALL-2

Tgt Ion: 65 Resp: 390573

Ion Ratio Lower Upper

65 100

67 51.4 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: VV038994.D

Acq: 21 Aug 2025 20:23

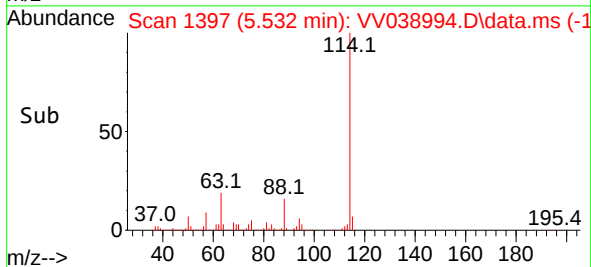
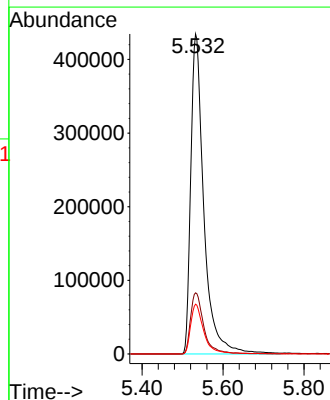
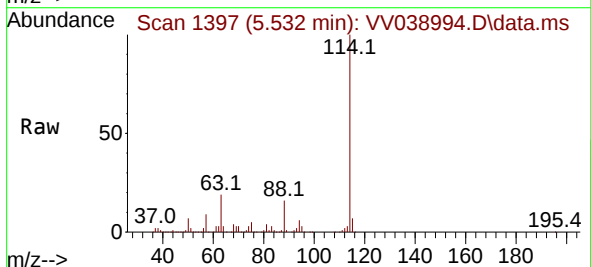
Tgt Ion: 114 Resp: 977190

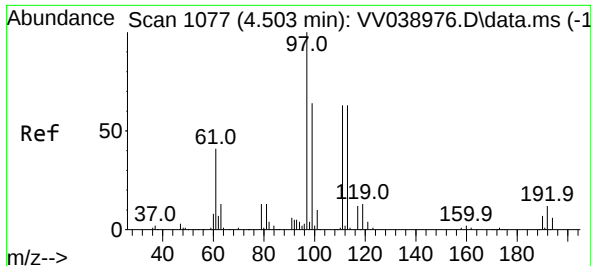
Ion Ratio Lower Upper

114 100

63 19.1 0.0 37.4

88 15.5 0.0 30.4





#35

Dibromofluoromethane

Concen: 46.123 ug/l

RT: 4.503 min Scan# 1077

Delta R.T. -0.000 min

Lab File: VV038994.D

Acq: 21 Aug 2025 20:23

Instrument :

MSVOA_V

ClientSampleId :

OUTFALL-2

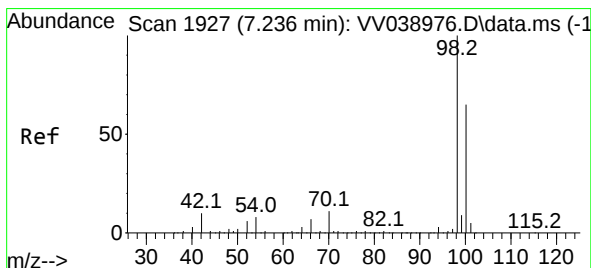
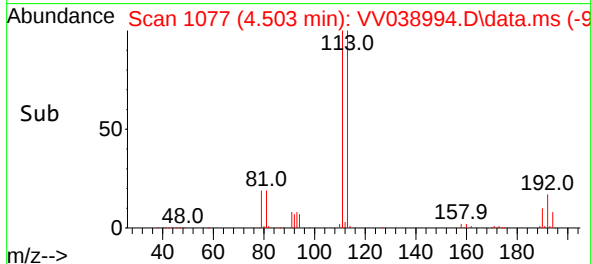
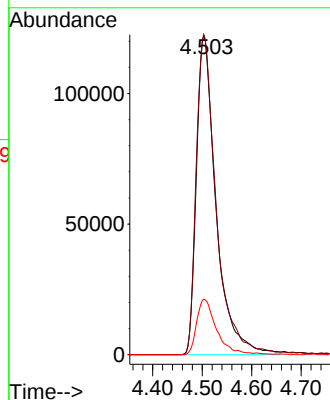
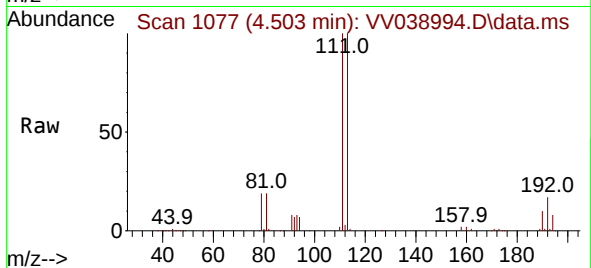
Tgt Ion:113 Resp: 338011

Ion Ratio Lower Upper

113 100

111 101.7 81.3 121.9

192 16.7 15.4 23.0



#50

Toluene-d8

Concen: 44.266 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. -0.000 min

Lab File: VV038994.D

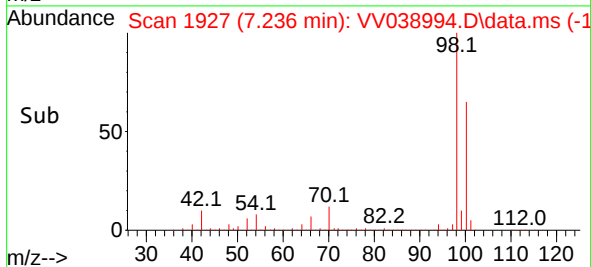
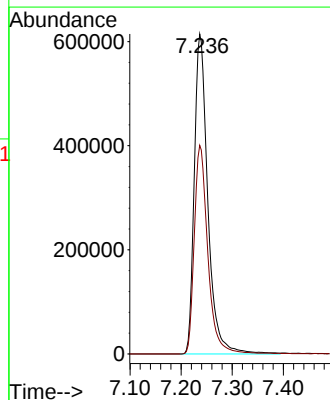
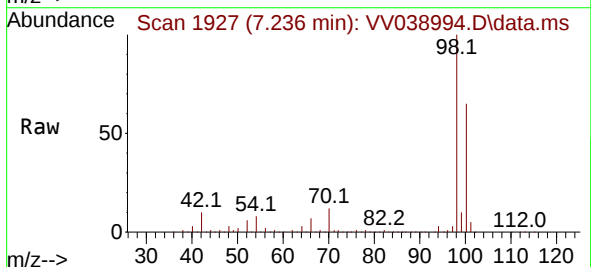
Acq: 21 Aug 2025 20:23

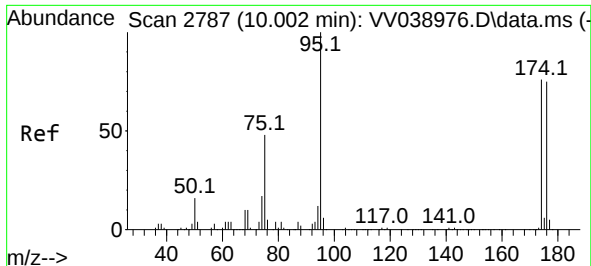
Tgt Ion: 98 Resp: 1131202

Ion Ratio Lower Upper

98 100

100 65.1 52.2 78.2

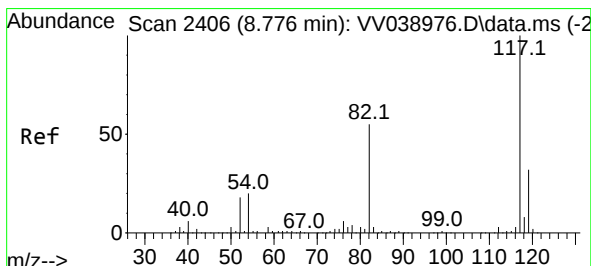
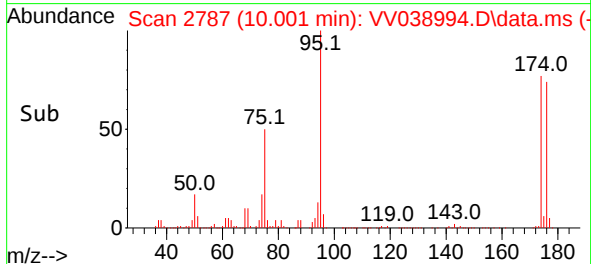
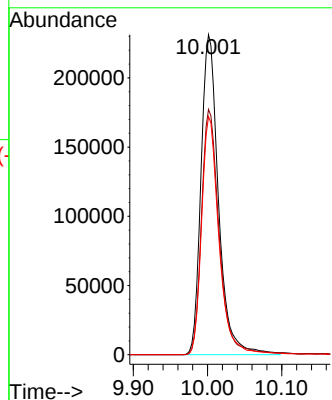
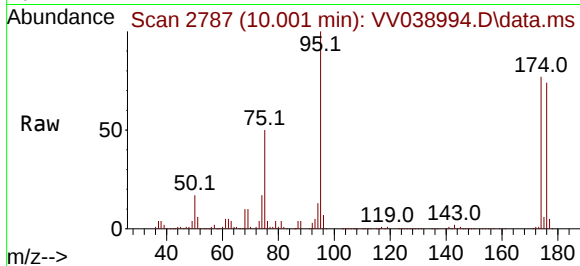




#62
4-Bromofluorobenzene
Concen: 40.434 ug/l
RT: 10.001 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV038994.D
Acq: 21 Aug 2025 20:23

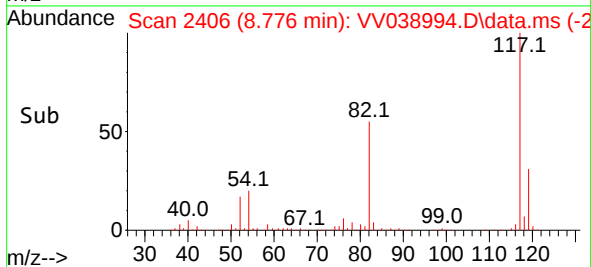
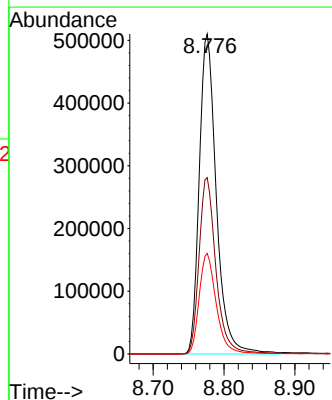
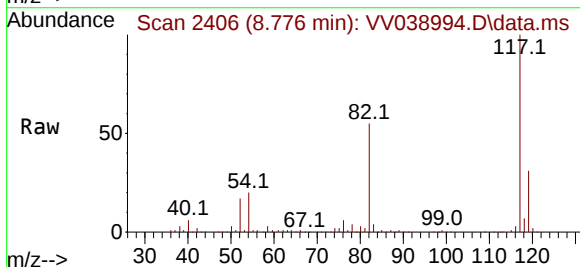
Instrument :
MSVOA_V
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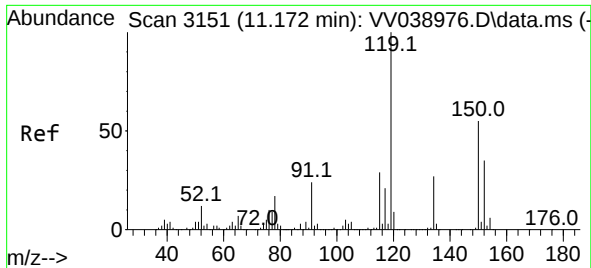
Tgt Ion: 95 Resp: 378000
Ion Ratio Lower Upper
95 100
174 77.5 0.0 154.4
176 74.4 0.0 148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2406
Delta R.T. 0.000 min
Lab File: VV038994.D
Acq: 21 Aug 2025 20:23

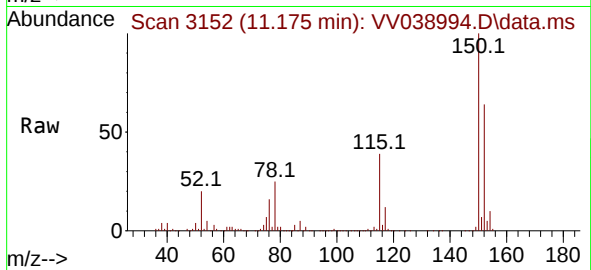
Tgt Ion: 117 Resp: 853316
Ion Ratio Lower Upper
117 100
82 55.1 44.4 66.6
119 31.4 26.0 39.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.175 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV038994.D
 Acq: 21 Aug 2025 20:23

Instrument :
 MSVOA_V
 ClientSampleId :
 OUTFALL-2



Tgt Ion:152	Resp:	375523	
Ion	Ratio	Lower	Upper
152	100		
115	61.1	42.5	127.5
150	157.8	0.0	344.8

