

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
 Data File : VV038993.D
 Acq On : 21 Aug 2025 20:02
 Operator : SY/MD
 Sample : Q2931-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DA1-1

Quant Time: Aug 22 04:37:28 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)

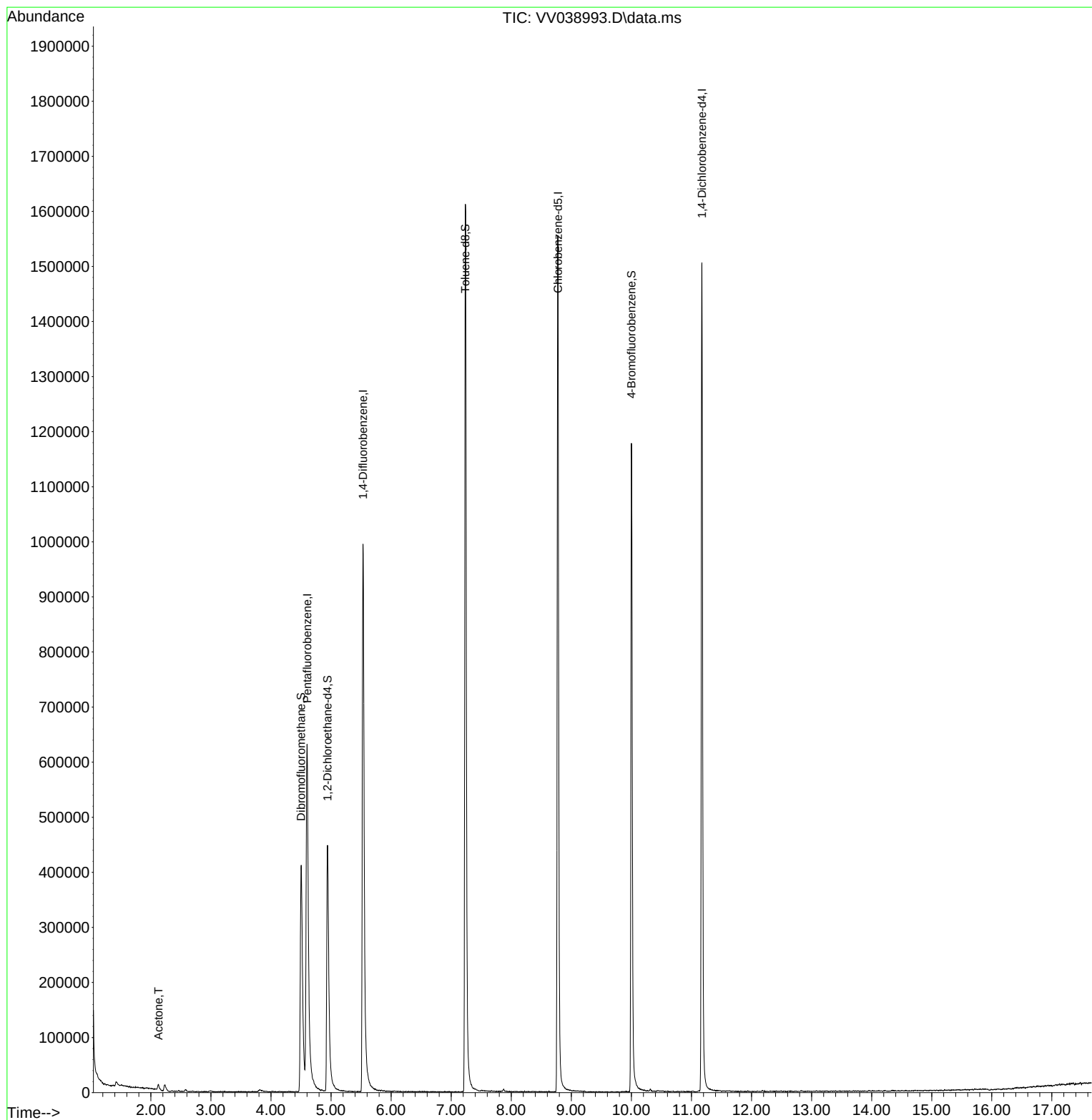
Internal Standards						
1) Pentafluorobenzene	4.603	168	547704	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	987111	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	888922	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	404520	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	408594	53.166	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	106.340%
35) Dibromofluoromethane	4.503	113	342742	46.299	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	92.600%
50) Toluene-d8	7.236	98	1146197	44.402	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	88.800%#
62) 4-Bromofluorobenzene	10.001	95	403075	42.683	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	85.360%
Target Compounds						
16) Acetone	2.127	43	11488	3.724	ug/l	Qvalue 99

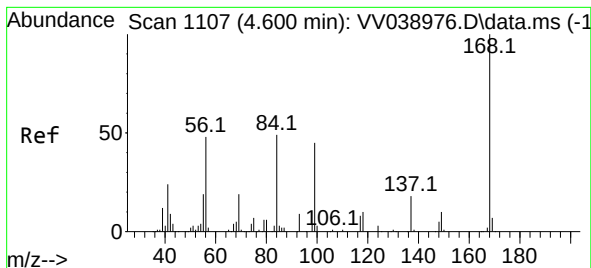
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VV038993.D

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MSVOA_V

ClientSampleId :

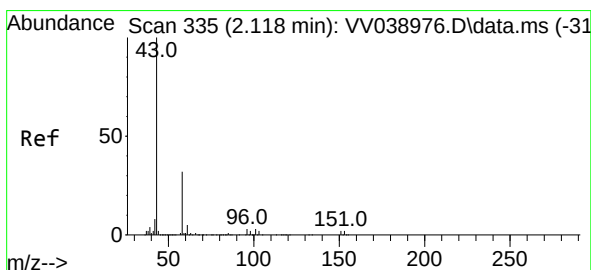
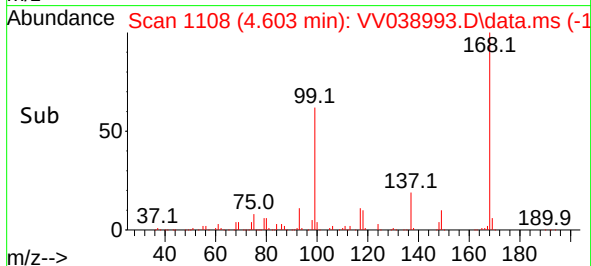
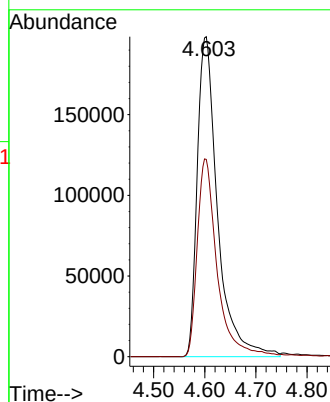
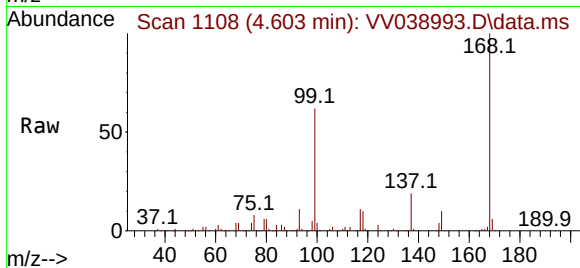
DA1-1

Tgt Ion:168 Resp: 547704

Ion Ratio Lower Upper

168 100

99 61.7 47.0 70.6



#16

Acetone

Concen: 3.724 ug/l

RT: 2.127 min Scan# 338

Delta R.T. 0.009 min

Lab File: VV038993.D

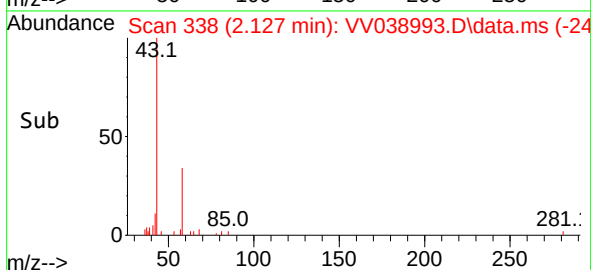
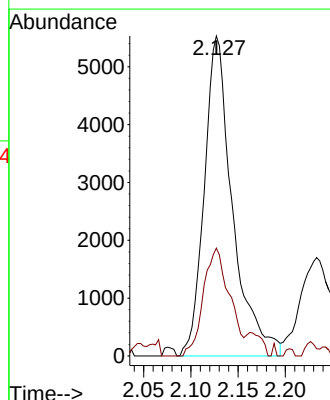
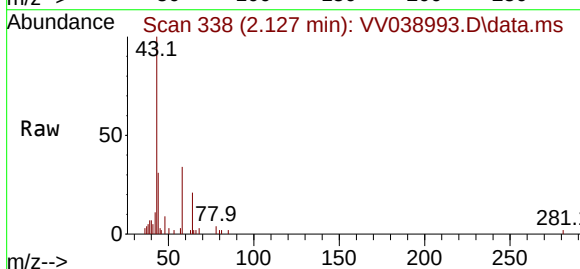
Acq: 21 Aug 2025 20:02

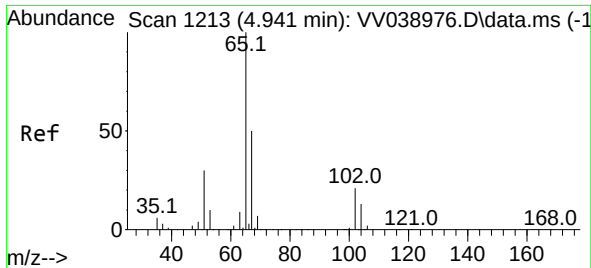
Tgt Ion: 43 Resp: 11488

Ion Ratio Lower Upper

43 100

58 33.7 26.3 39.5





#33

1,2-Dichloroethane-d4

Concen: 53.166 ug/l

RT: 4.940 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV038993.D

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Instrument :

MSVOA_V

ClientSampleId :

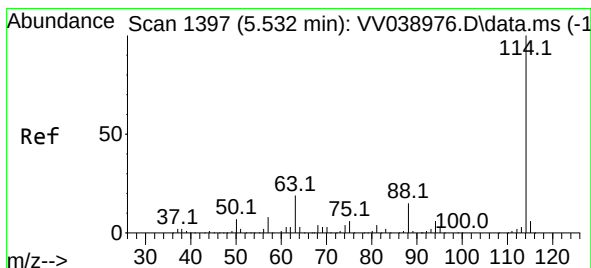
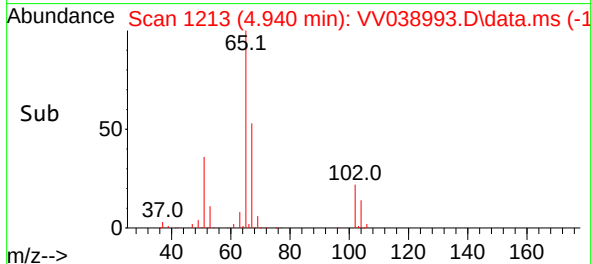
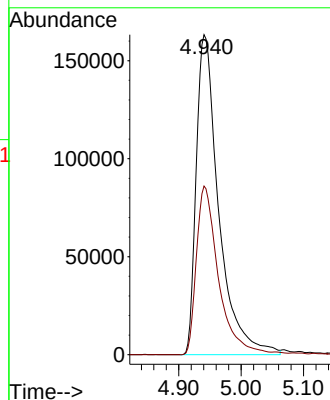
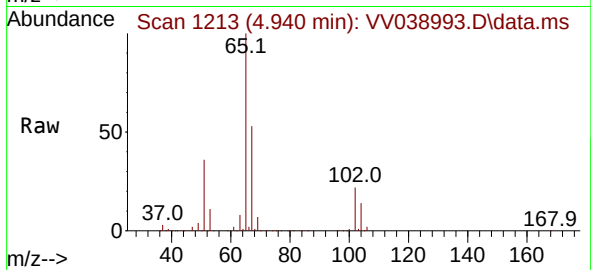
DA1-1

Tgt Ion: 65 Resp: 408594

Ion Ratio Lower Upper

65 100

67 51.6 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: VV038993.D

Acq: 21 Aug 2025 20:02

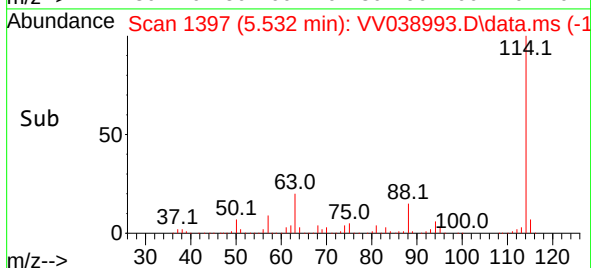
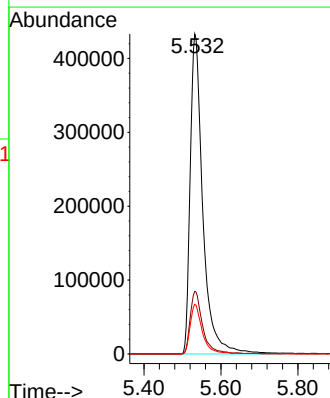
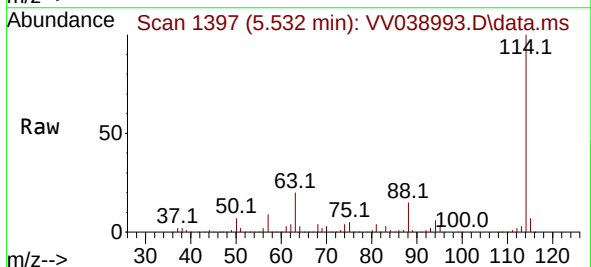
Tgt Ion: 114 Resp: 987111

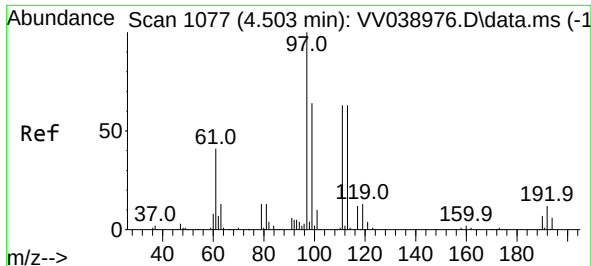
Ion Ratio Lower Upper

114 100

63 19.5 0.0 37.4

88 15.5 0.0 30.4





#35

Dibromofluoromethane

Concen: 46.299 ug/l

RT: 4.503 min Scan# 1077

Delta R.T. -0.000 min

Lab File: VV038993.D

Acq: 21 Aug 2025 20:02

Instrument :

MSVOA_V

ClientSampleId :

DA1-1

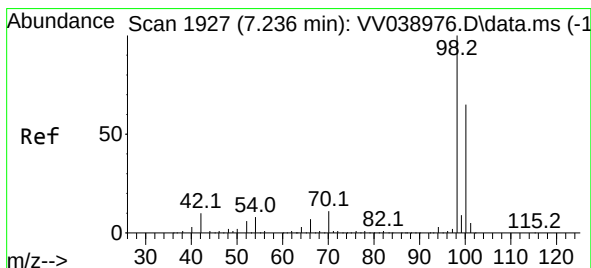
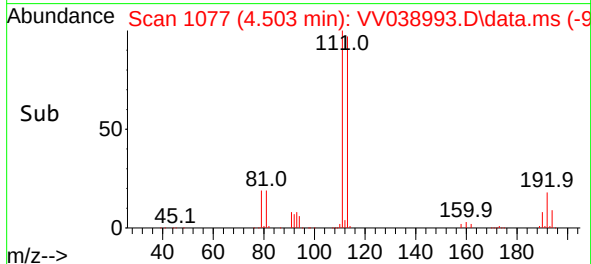
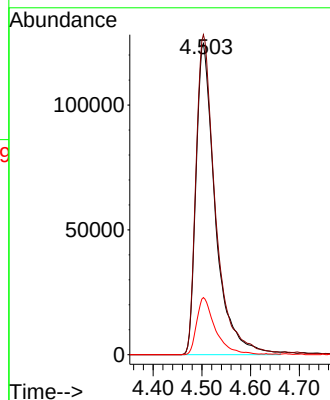
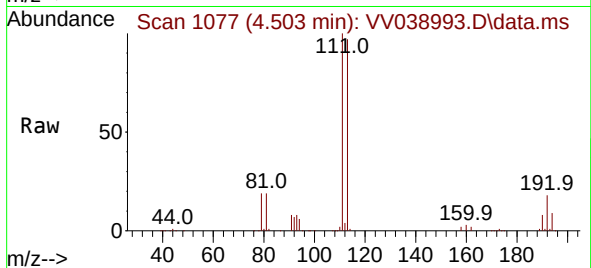
Tgt Ion:113 Resp: 342742

Ion Ratio Lower Upper

113 100

111 103.9 81.3 121.9

192 17.8 15.4 23.0



#50

Toluene-d8

Concen: 44.402 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. -0.000 min

Lab File: VV038993.D

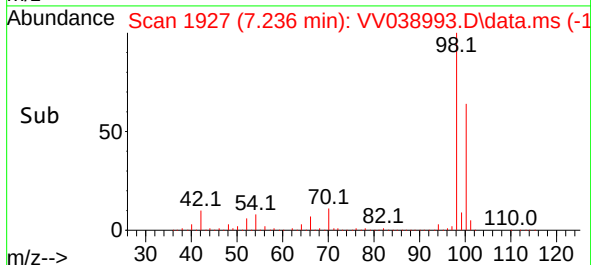
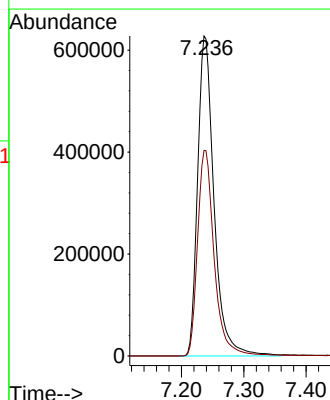
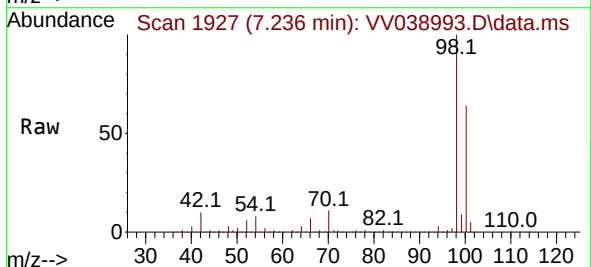
Acq: 21 Aug 2025 20:02

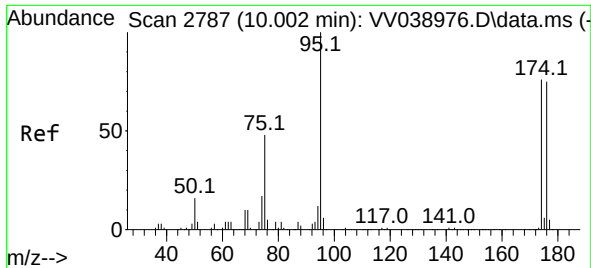
Tgt Ion: 98 Resp: 1146197

Ion Ratio Lower Upper

98 100

100 65.0 52.2 78.2

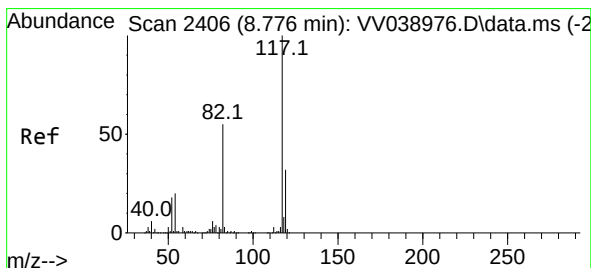
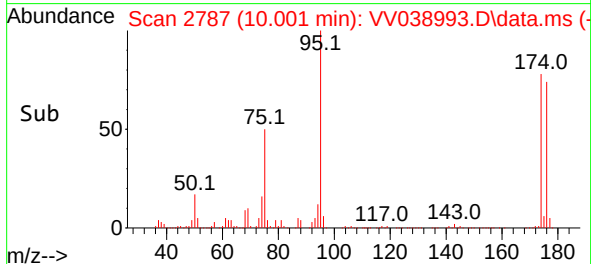
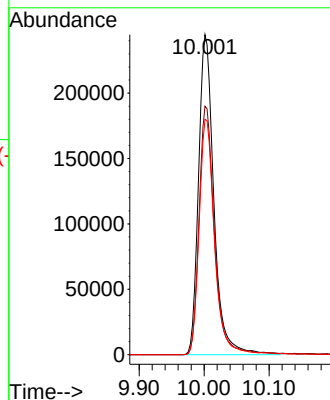
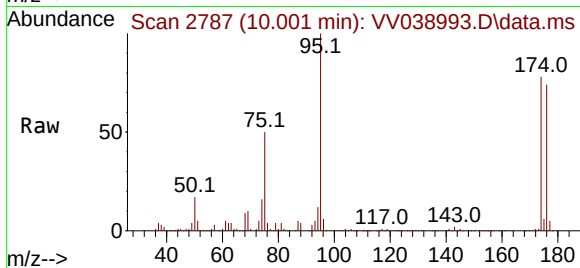




#62
4-Bromofluorobenzene
Concen: 42.683 ug/l
RT: 10.001 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV038993.D
Acq: 21 Aug 2025 20:02

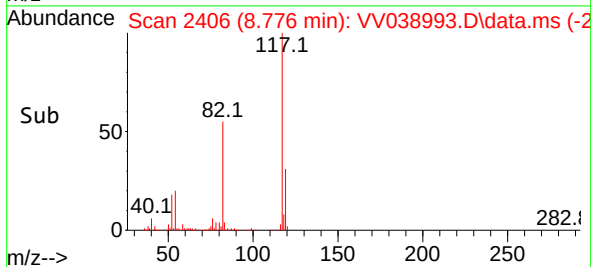
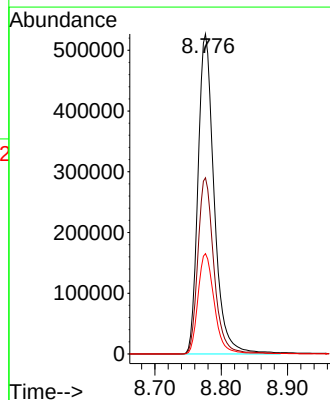
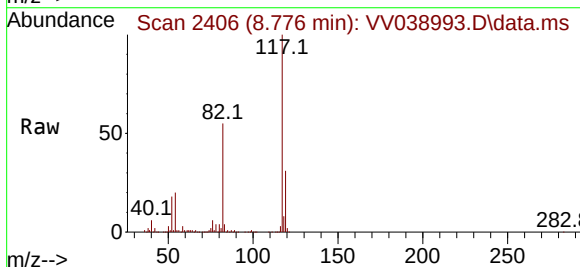
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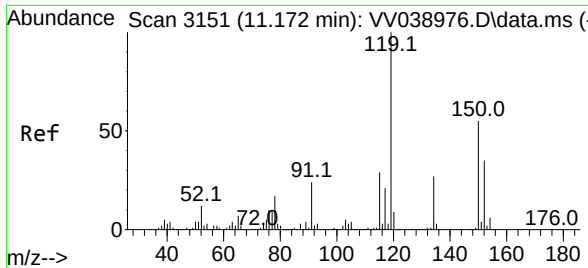
Tgt Ion: 95 Resp: 403075
Ion Ratio Lower Upper
95 100
174 77.7 0.0 154.4
176 73.8 0.0 148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2406
Delta R.T. 0.000 min
Lab File: VV038993.D
Acq: 21 Aug 2025 20:02

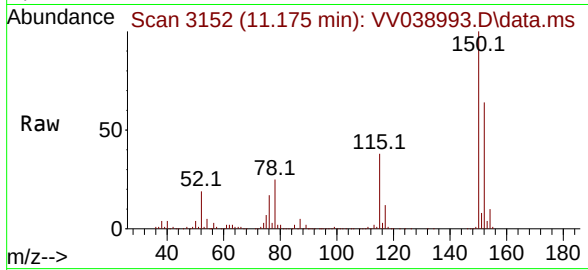
Tgt Ion: 117 Resp: 888922
Ion Ratio Lower Upper
117 100
82 55.0 44.4 66.6
119 31.4 26.0 39.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.175 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV038993.D
 Acq: 21 Aug 2025 20:02

Instrument :
 MSVOA_V
 ClientSampleId :
 DA1-1



Tgt Ion:	152	Resp:	404520
Ion	Ratio	Lower	Upper
152	100		
115	60.7	42.5	127.5
150	156.1	0.0	344.8

