

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
 Data File : VV038999.D
 Acq On : 21 Aug 2025 22:11
 Operator : SY/MD
 Sample : Q2924-06
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MW-2A-082025

Quant Time: Aug 22 04:40:02 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)

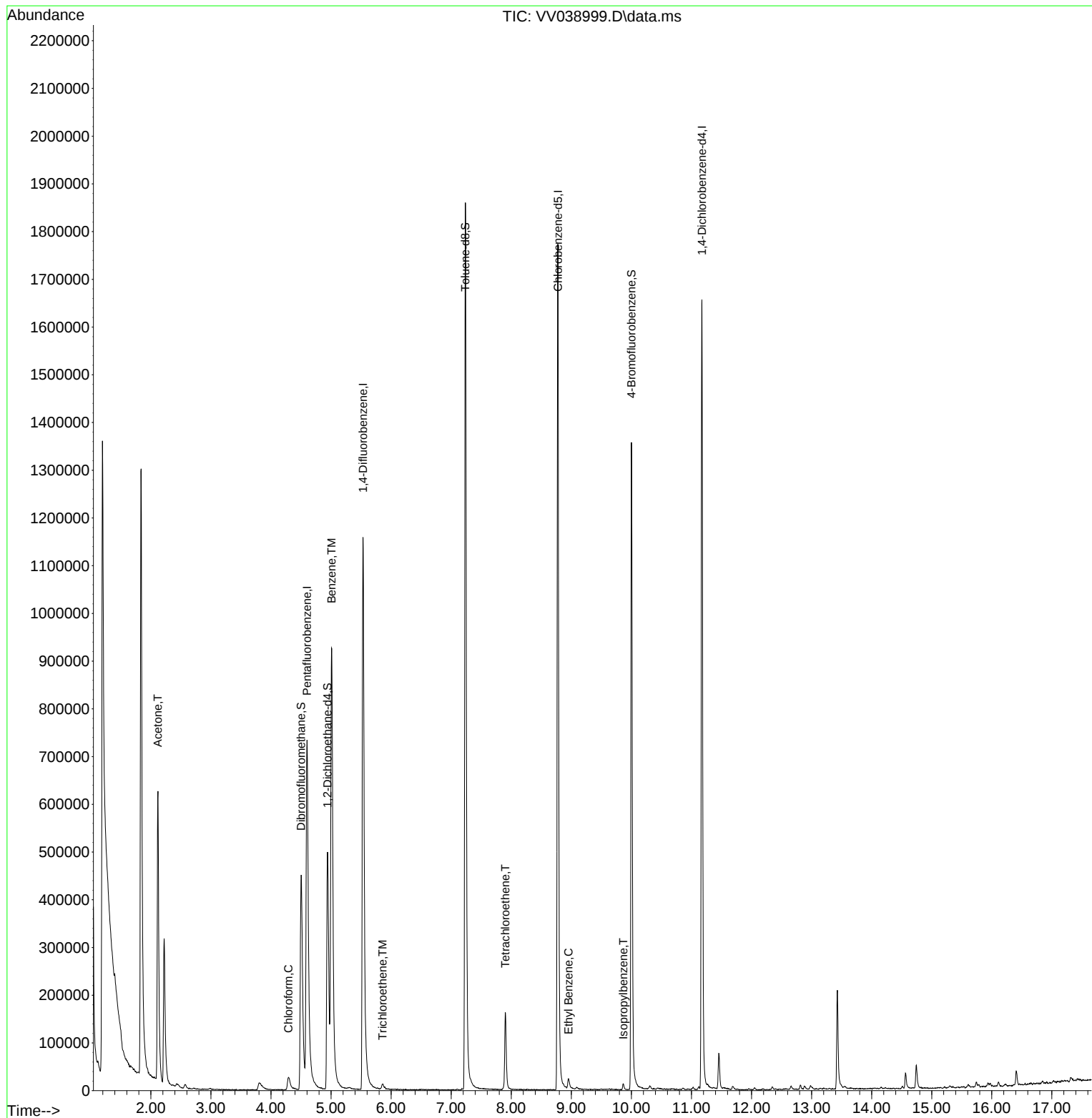
Internal Standards						
1) Pentafluorobenzene	4.600	168	650572	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1153105	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	1016294	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	448609	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	449834	49.277	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	98.560%
35) Dibromofluoromethane	4.503	113	385583	44.588	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	89.180%
50) Toluene-d8	7.236	98	1326138	43.977	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	87.960%#
62) 4-Bromofluorobenzene	10.001	95	462072	41.887	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	83.780%#
Target Compounds						
					Qvalue	
16) Acetone	2.117	43	711942	194.315	ug/l	98
30) Chloroform	4.291	83	35087	2.141	ug/l	92
40) Benzene	5.008	78	1078206	30.653	ug/l	99
44) Trichloroethene	5.857	130	4604	0.483	ug/l	61
64) Tetrachloroethene	7.902	164	40507	5.357	ug/l	94
67) Ethyl Benzene	8.953	91	17096	0.457	ug/l	93
73) Isopropylbenzene	9.866	105	7927	0.263	ug/l	96

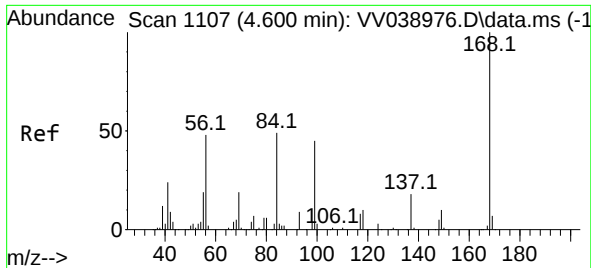
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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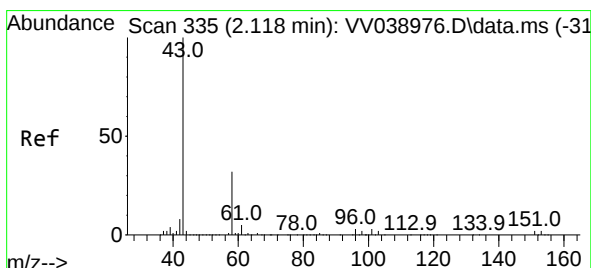
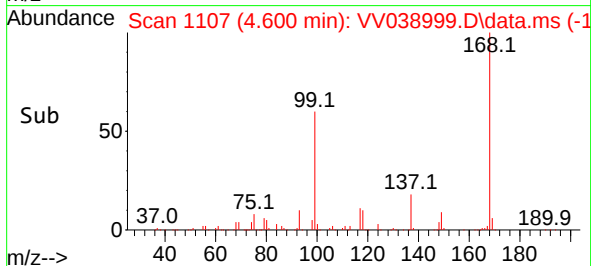
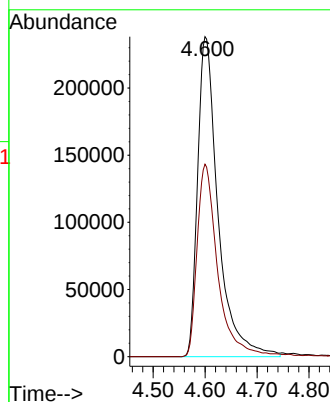
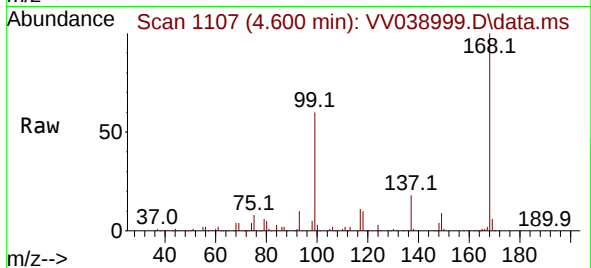




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VV038999.D
Acq: 21 Aug 2025 22:11

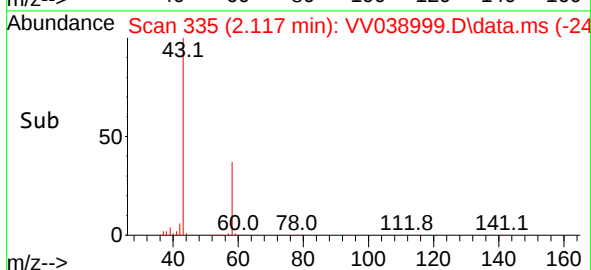
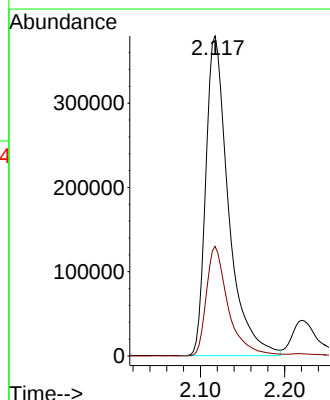
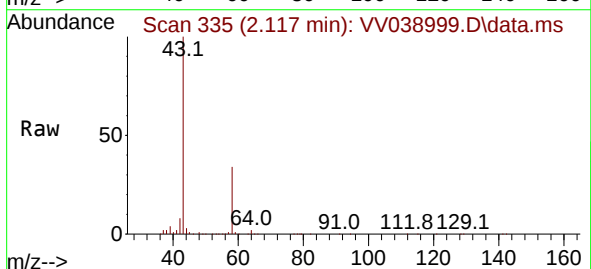
Instrument :
MSVOA_V
ClientSampleId :
MW-2A-082025

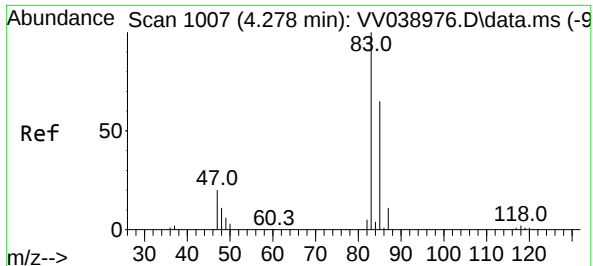
Tgt Ion:168 Resp: 650572
Ion Ratio Lower Upper
168 100
99 60.1 47.0 70.6



#16
Acetone
Concen: 194.315 ug/l
RT: 2.117 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV038999.D
Acq: 21 Aug 2025 22:11

Tgt Ion: 43 Resp: 711942
Ion Ratio Lower Upper
43 100
58 34.3 26.3 39.5





#30

Chloroform

Concen: 2.141 ug/l

RT: 4.291 min Scan# 1011

Delta R.T. 0.013 min

Lab File: VV038999.D

Acq: 21 Aug 2025 22:11

Instrument :

MSVOA_V

ClientSampleId :

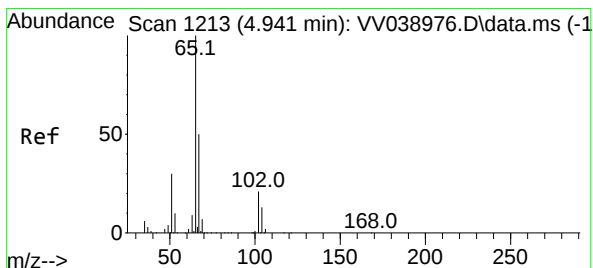
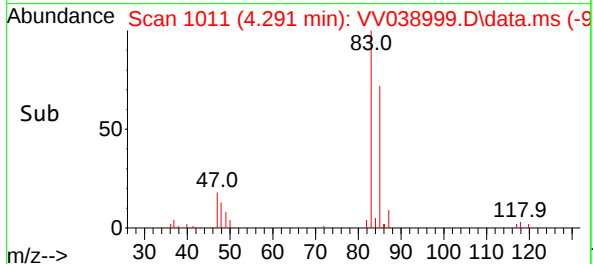
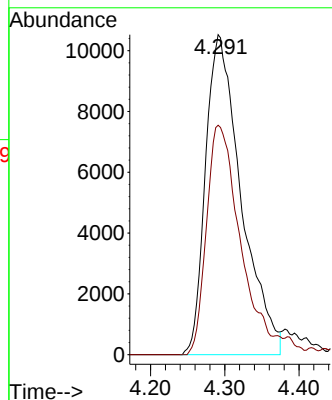
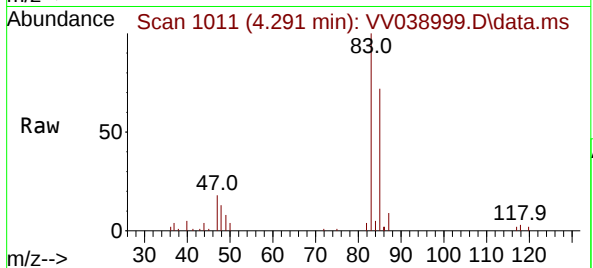
MW-2A-082025

Tgt Ion: 83 Resp: 35087

Ion Ratio Lower Upper

83 100

85 71.7 52.2 78.2



#33

1,2-Dichloroethane-d4

Concen: 49.277 ug/l

RT: 4.940 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VV038999.D

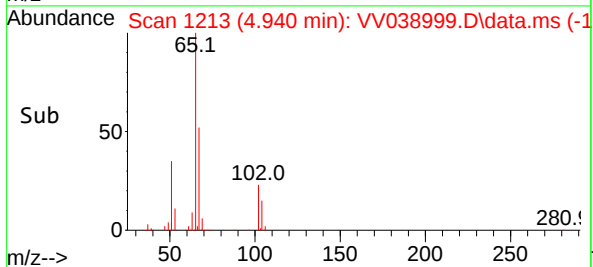
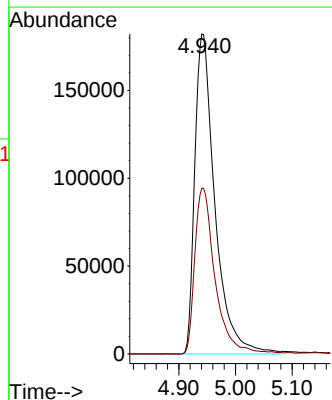
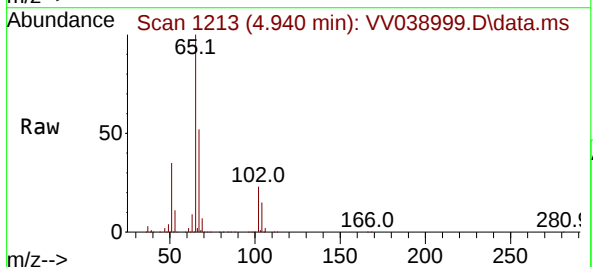
Acq: 21 Aug 2025 22:11

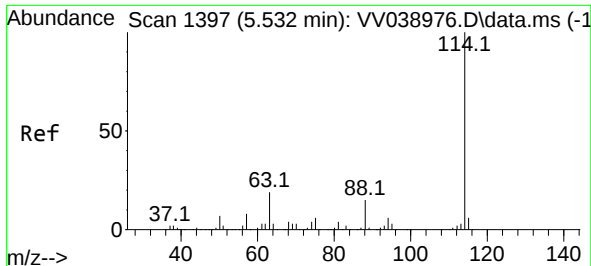
Tgt Ion: 65 Resp: 449834

Ion Ratio Lower Upper

65 100

67 51.8 0.0 100.4

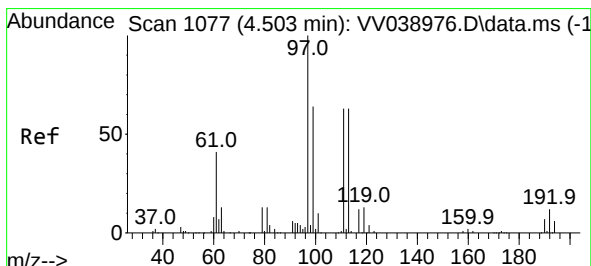
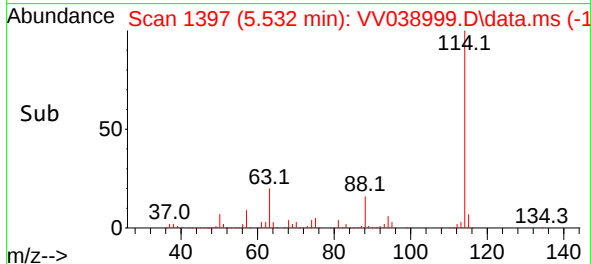
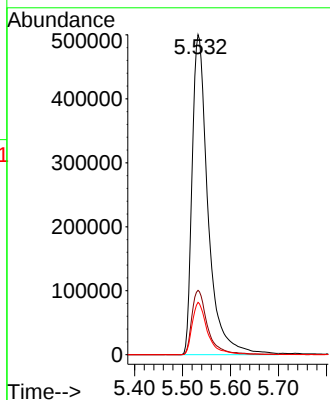
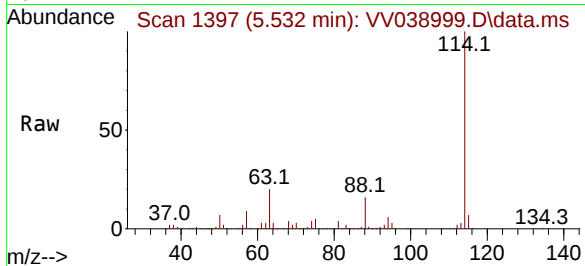




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV038999.D
Acq: 21 Aug 2025 22:11

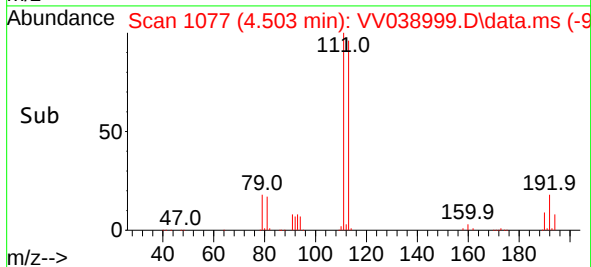
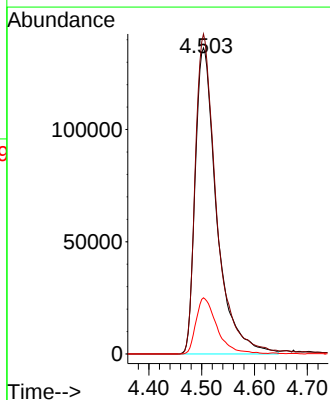
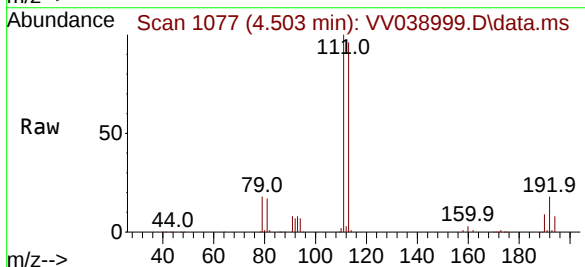
Instrument :
MSVOA_V
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MW-2A-082025

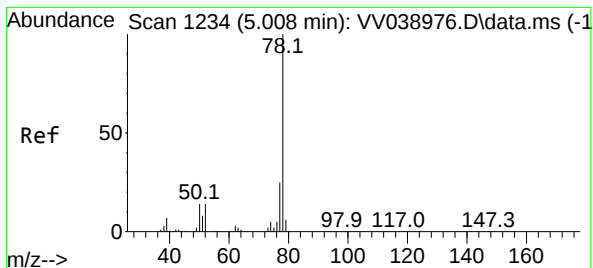
Tgt Ion:114 Resp: 1153105
Ion Ratio Lower Upper
114 100
63 20.1 0.0 37.4
88 16.3 0.0 30.4



#35
Dibromofluoromethane
Concen: 44.588 ug/l
RT: 4.503 min Scan# 1077
Delta R.T. -0.000 min
Lab File: VV038999.D
Acq: 21 Aug 2025 22:11

Tgt Ion:113 Resp: 385583
Ion Ratio Lower Upper
113 100
111 102.8 81.3 121.9
192 18.0 15.4 23.0





#40

Benzene

Concen: 30.653 ug/l

RT: 5.008 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV038999.D

Acq: 21 Aug 2025 22:11

Instrument :

MSVOA_V

ClientSampleId :

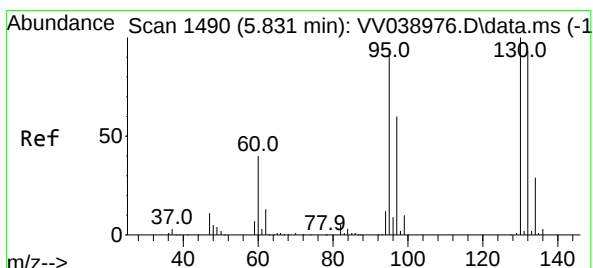
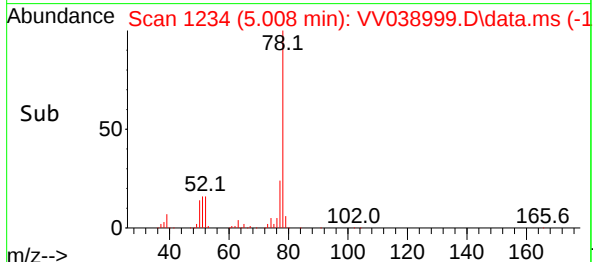
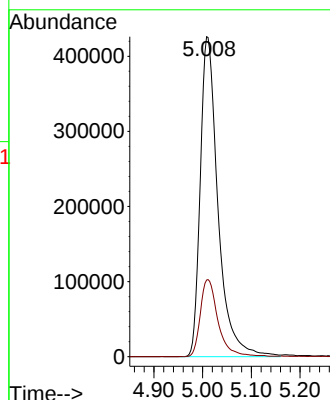
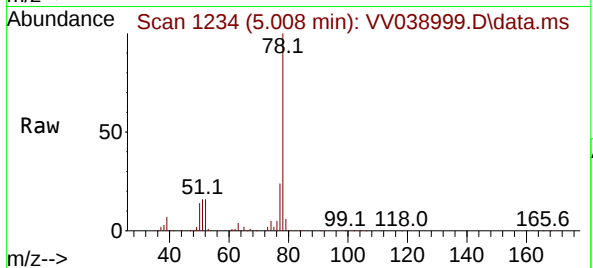
MW-2A-082025

Tgt Ion: 78 Resp: 1078206

Ion Ratio Lower Upper

78 100

77 23.9 19.6 29.4



#44

Trichloroethene

Concen: 0.483 ug/l

RT: 5.857 min Scan# 1498

Delta R.T. 0.026 min

Lab File: VV038999.D

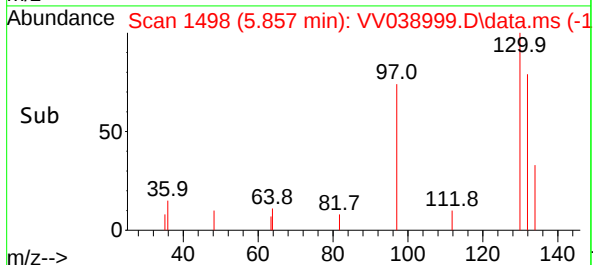
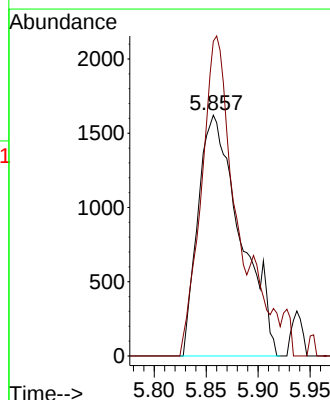
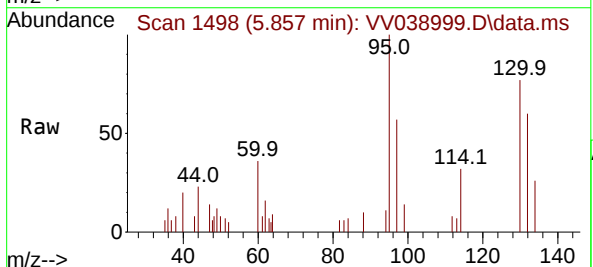
Acq: 21 Aug 2025 22:11

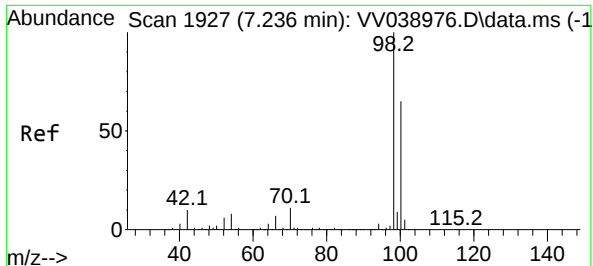
Tgt Ion:130 Resp: 4604

Ion Ratio Lower Upper

130 100

95 130.6 0.0 186.6

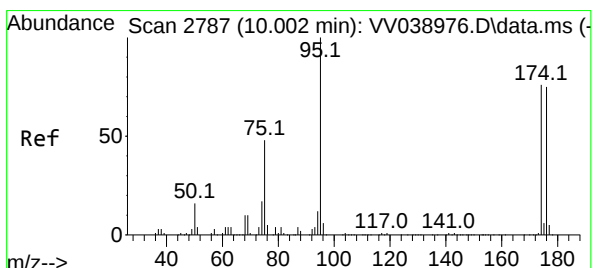
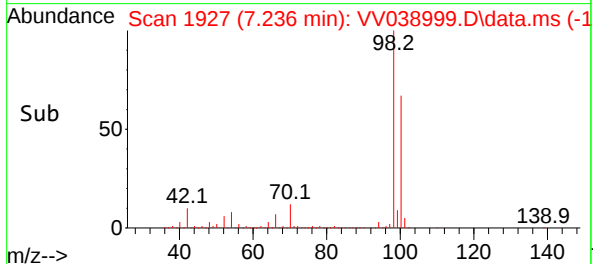
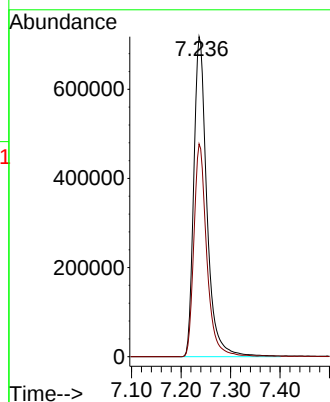
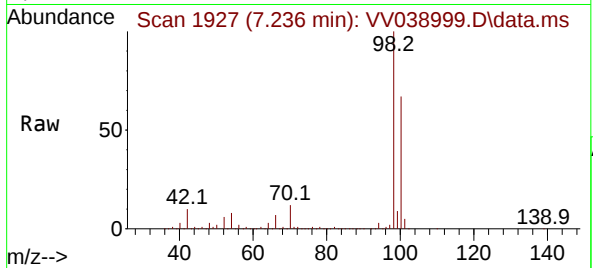




#50
Toluene-d8
Concen: 43.977 ug/l
RT: 7.236 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VV038999.D
Acq: 21 Aug 2025 22:11

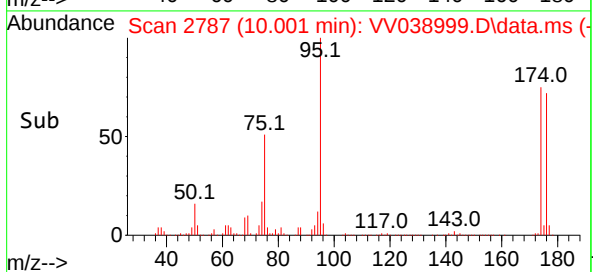
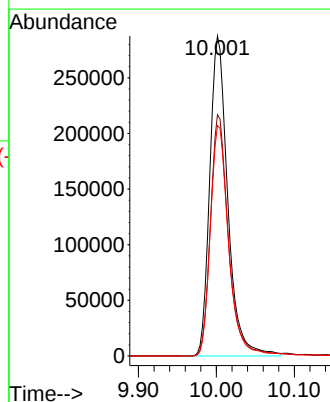
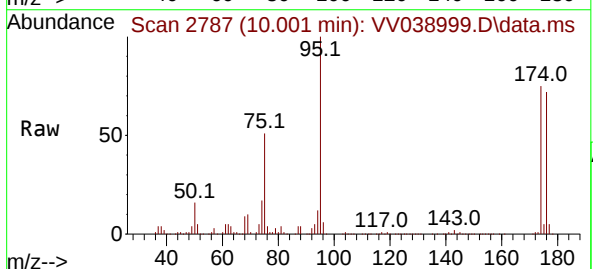
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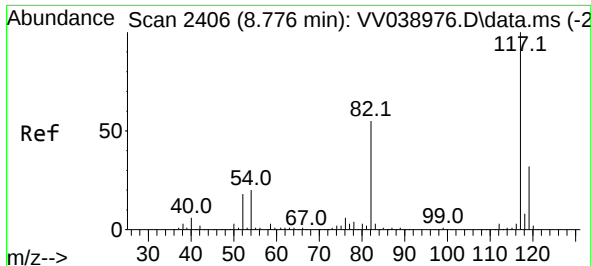
Tgt Ion: 98 Resp: 1326138
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 41.887 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. -0.000 min
Lab File: VV038999.D
Acq: 21 Aug 2025 22:11

Tgt Ion: 95 Resp: 462072
Ion Ratio Lower Upper
95 100
174 76.3 0.0 154.4
176 73.7 0.0 148.6

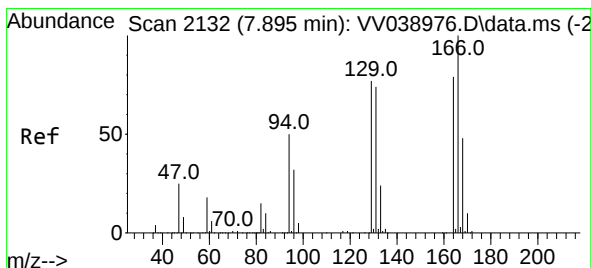
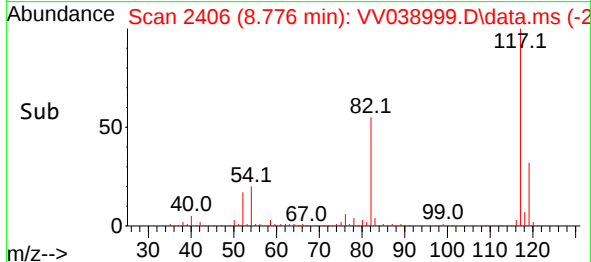
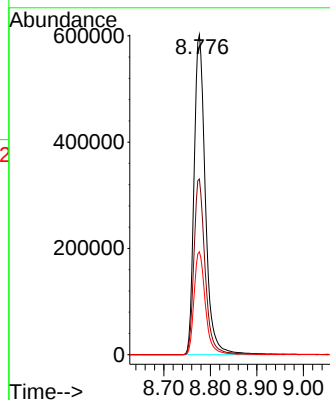
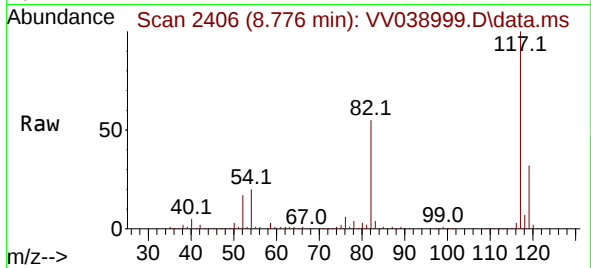




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2406
Delta R.T. 0.000 min
Lab File: VV038999.D
Acq: 21 Aug 2025 22:11

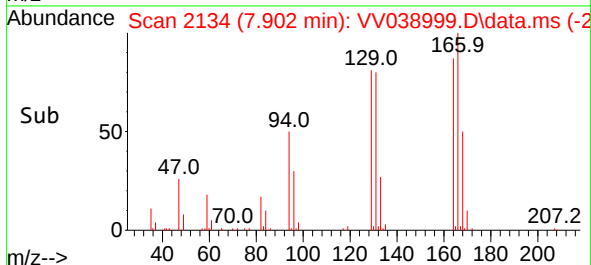
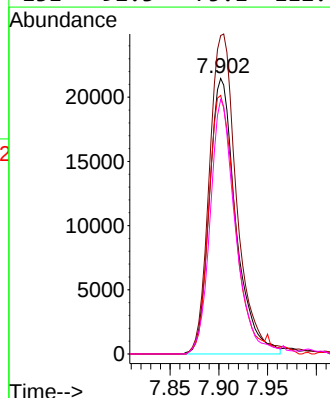
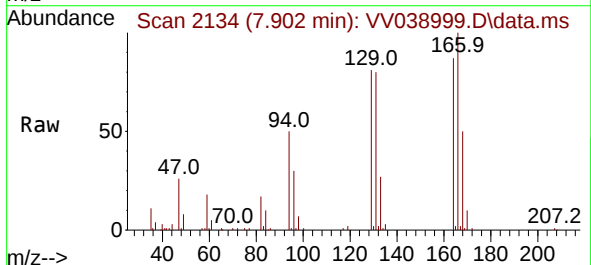
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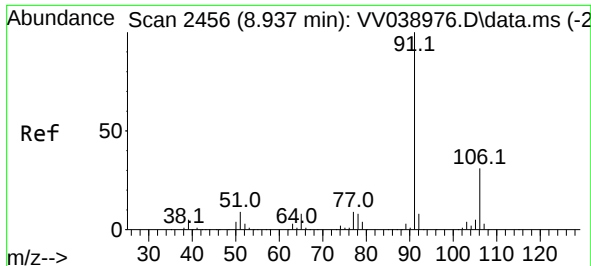
Tgt Ion:117 Resp: 1016294
Ion Ratio Lower Upper
117 100
82 54.9 44.4 66.6
119 32.1 26.0 39.0



#64
Tetrachloroethene
Concen: 5.357 ug/l
RT: 7.902 min Scan# 2134
Delta R.T. 0.006 min
Lab File: VV038999.D
Acq: 21 Aug 2025 22:11

Tgt Ion:164 Resp: 40507
Ion Ratio Lower Upper
164 100
166 115.6 101.8 152.6
129 93.8 78.7 118.1
131 92.3 75.1 112.7

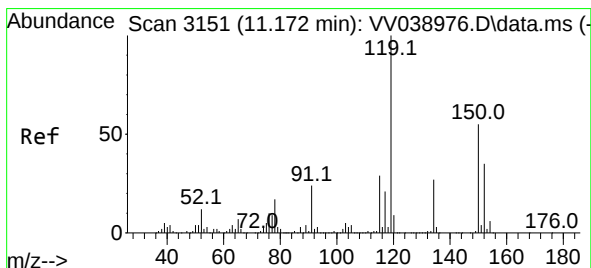
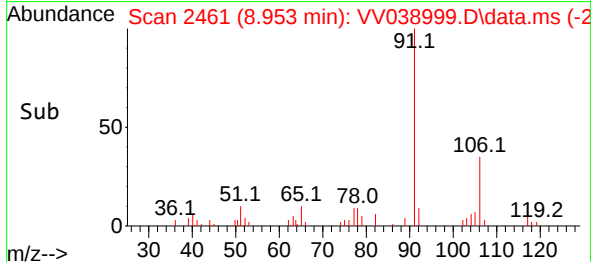
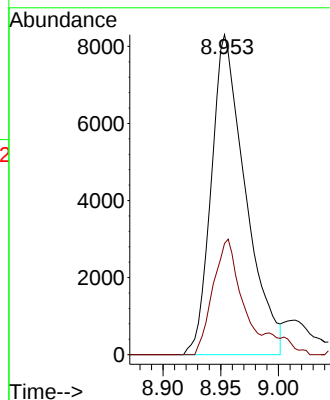
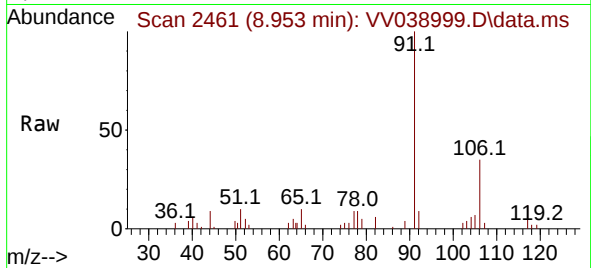




#67
Ethyl Benzene
Concen: 0.457 ug/l
RT: 8.953 min Scan# 2456
Delta R.T. 0.016 min
Lab File: VV038999.D
Acq: 21 Aug 2025 22:11

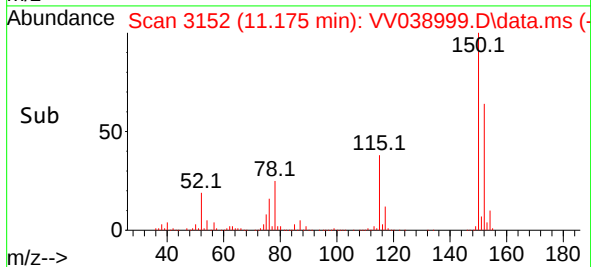
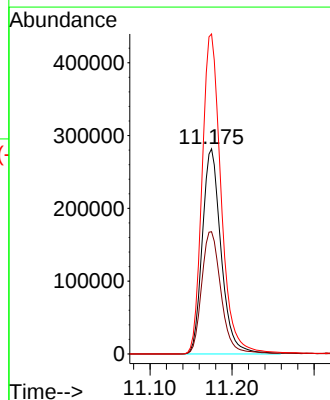
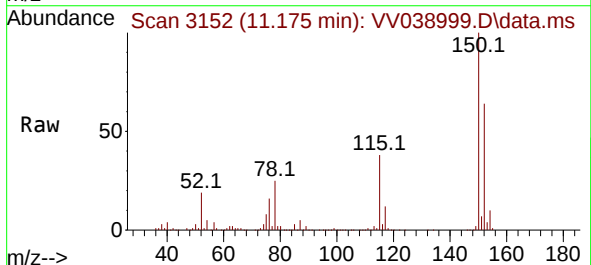
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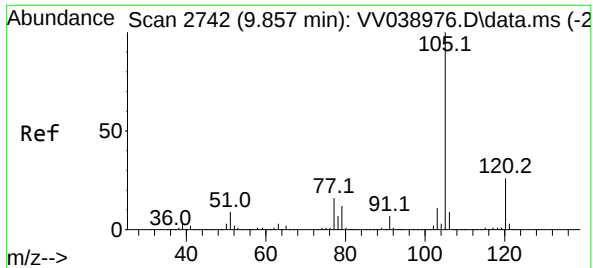
Tgt Ion: 91 Resp: 17096
Ion Ratio Lower Upper
91 100
106 34.8 24.6 36.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.175 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VV038999.D
Acq: 21 Aug 2025 22:11

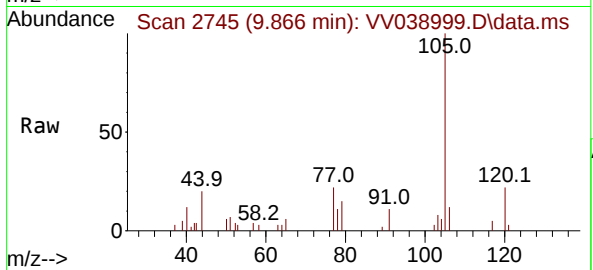
Tgt Ion: 152 Resp: 448609
Ion Ratio Lower Upper
152 100
115 61.3 42.5 127.5
150 158.7 0.0 344.8





#73
Isopropylbenzene
Concen: 0.263 ug/l
RT: 9.866 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV038999.D
Acq: 21 Aug 2025 22:11

Instrument :
MSVOA_V
ClientSampleId :
MW-2A-082025



Tgt Ion:105 Resp: 7927
Ion Ratio Lower Upper
105 100
120 24.1 13.1 39.1

