

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
 Data File : VV038997.D
 Acq On : 21 Aug 2025 21:28
 Operator : SY/MD
 Sample : Q2924-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MW-10C-082025

Quant Time: Aug 22 04:39:01 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)

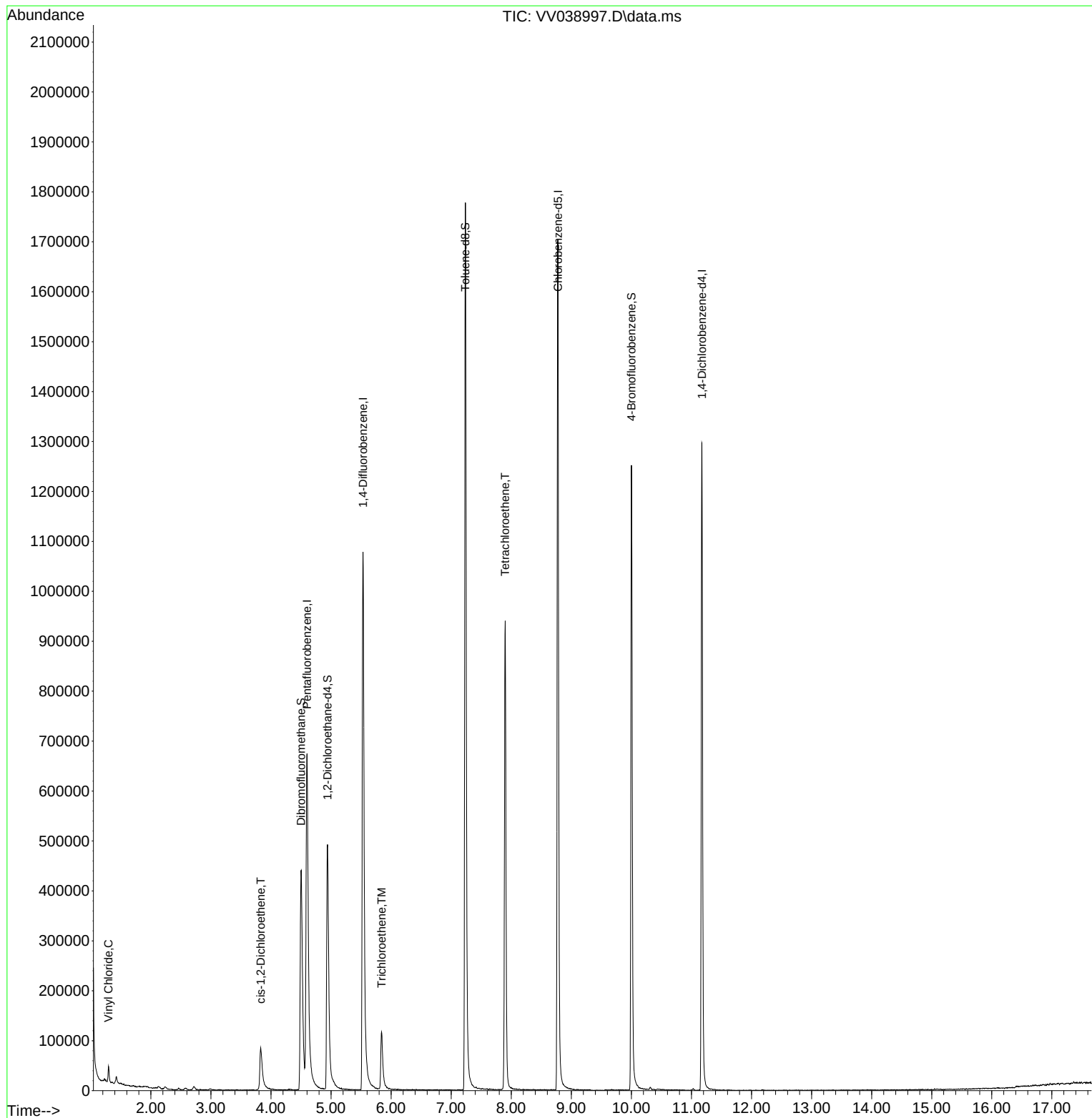
Internal Standards						
1) Pentafluorobenzene	4.600	168	584771	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1064789	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	974990	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	354625	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	449258	54.752	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	109.500%
35) Dibromofluoromethane	4.503	113	371568	46.531	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	93.060%
50) Toluene-d8	7.236	98	1252694	44.987	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	89.980%
62) 4-Bromofluorobenzene	10.001	95	425018	41.723	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	83.440%#
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.294	62	25149	2.640	ug/l	97
27) cis-1,2-Dichloroethene	3.828	96	56011	6.713	ug/l	91
44) Trichloroethene	5.841	130	47990	5.447	ug/l	88
64) Tetrachloroethene	7.899	164	216885	29.895	ug/l	99

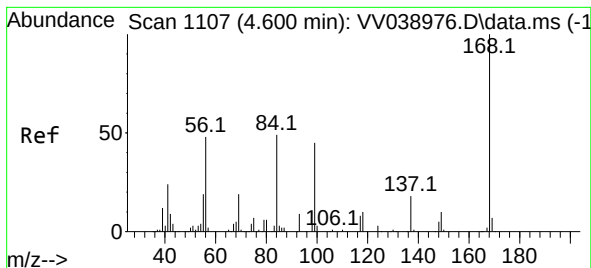
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 22 04:15:04 2025
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.600 min Scan# 1107

Delta R.T. -0.000 min

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MSVOA_V

ClientSampleId :

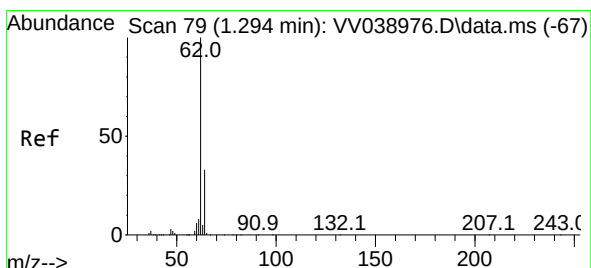
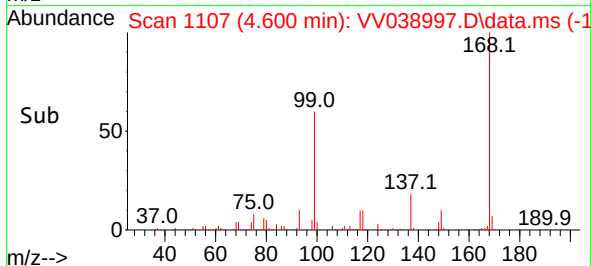
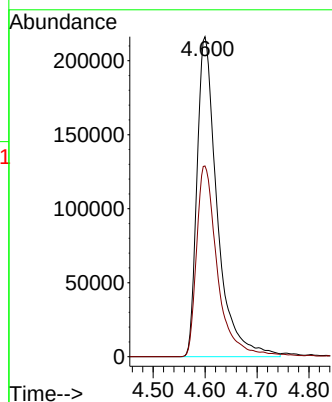
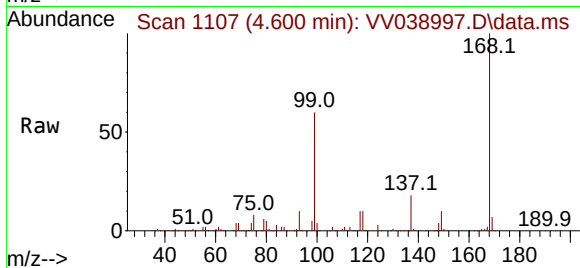
MW-10C-082025

Tgt Ion:168 Resp: 584771

Ion Ratio Lower Upper

168 100

99 59.6 47.0 70.6



#4

Vinyl Chloride

Concen: 2.640 ug/l

RT: 1.294 min Scan# 79

Delta R.T. -0.000 min

Lab File: VV038997.D

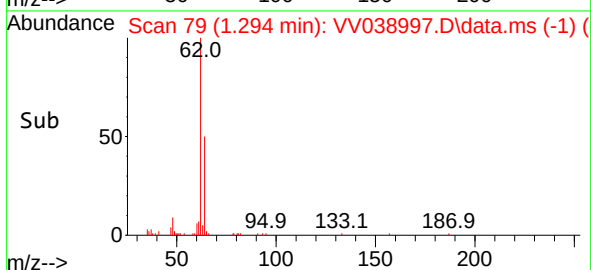
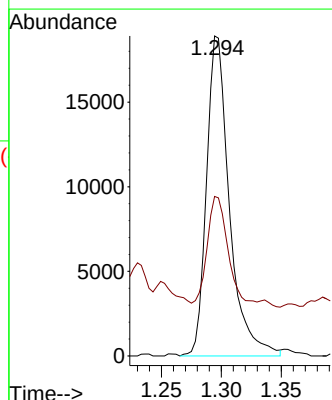
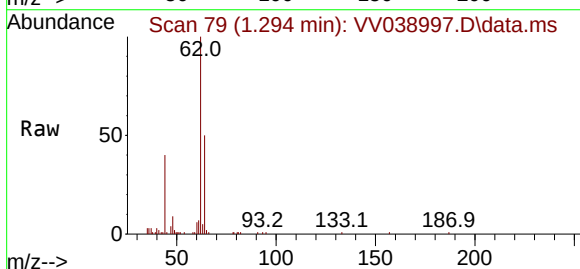
Acq: 21 Aug 2025 21:28

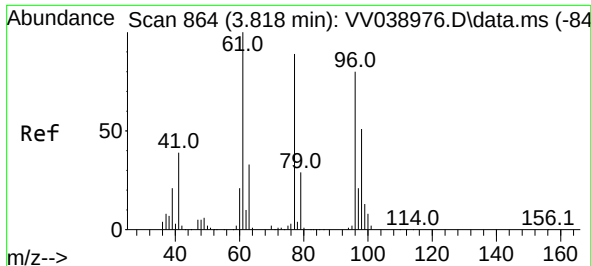
Tgt Ion: 62 Resp: 25149

Ion Ratio Lower Upper

62 100

64 34.6 26.4 39.6





#27

cis-1,2-Dichloroethene

Concen: 6.713 ug/l

RT: 3.828 min Scan# 867

Delta R.T. 0.010 min

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MW-10C-082025

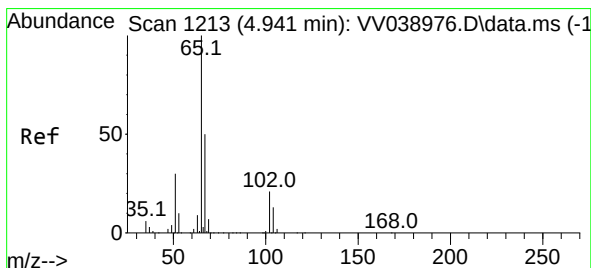
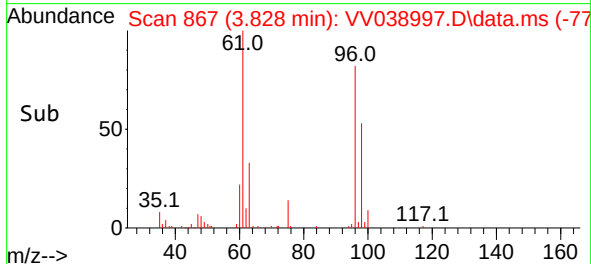
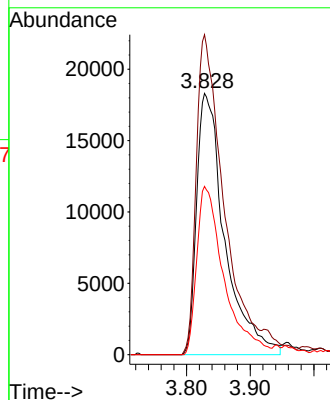
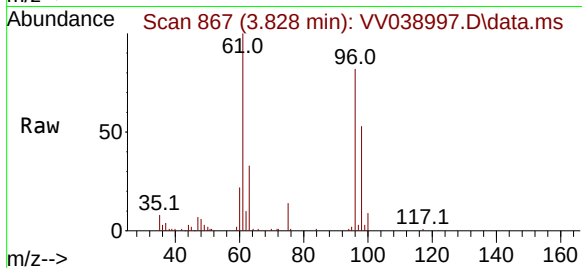
Tgt Ion: 96 Resp: 56011

Ion Ratio Lower Upper

96 100

61 118.9 0.0 264.4

98 62.6 0.0 131.8



#33

1,2-Dichloroethane-d4

Concen: 54.752 ug/l

RT: 4.941 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VV038997.D

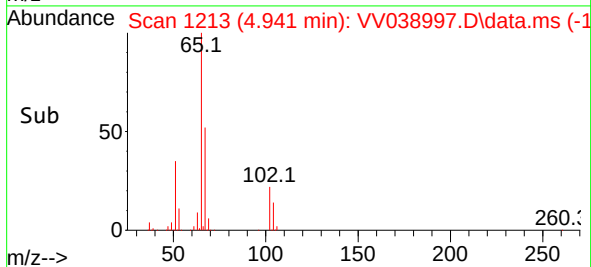
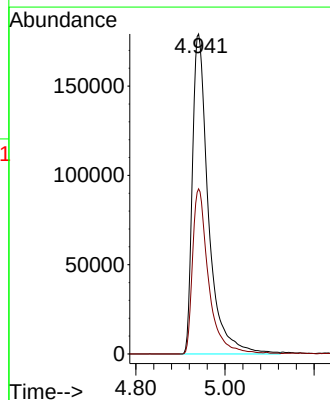
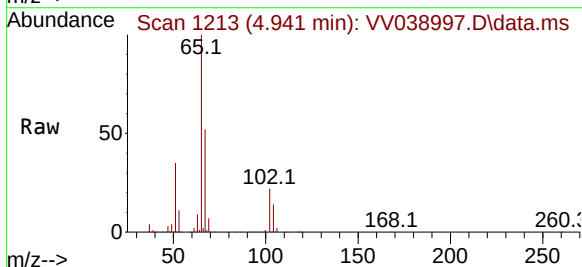
Acq: 21 Aug 2025 21:28

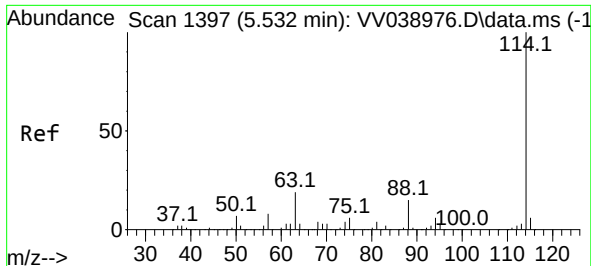
Tgt Ion: 65 Resp: 449258

Ion Ratio Lower Upper

65 100

67 51.3 0.0 100.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV038997.D

Acq: 21 Aug 2025 21:28

Instrument :

MSVOA_V

ClientSampleId :

MW-10C-082025

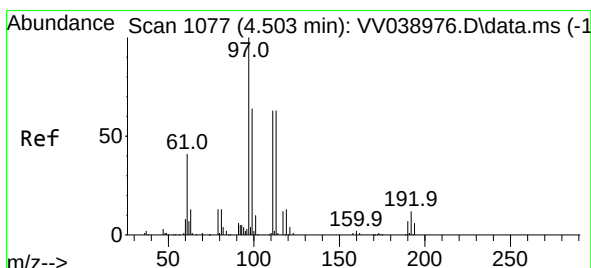
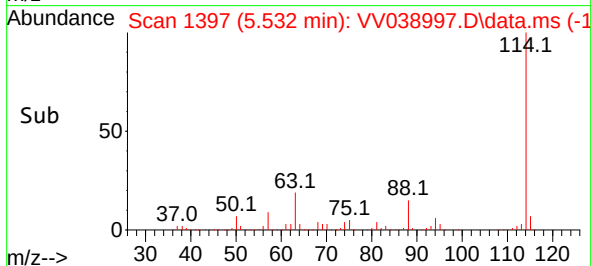
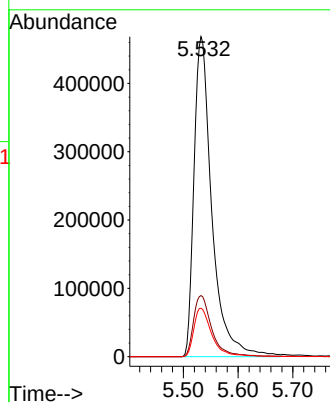
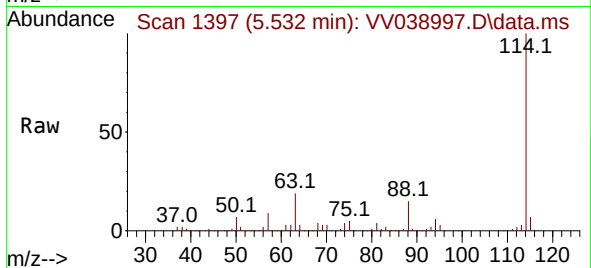
Tgt Ion:114 Resp: 1064789

Ion Ratio Lower Upper

114 100

63 19.1 0.0 37.4

88 15.2 0.0 30.4



#35

Dibromofluoromethane

Concen: 46.531 ug/l

RT: 4.503 min Scan# 1077

Delta R.T. -0.000 min

Lab File: VV038997.D

Acq: 21 Aug 2025 21:28

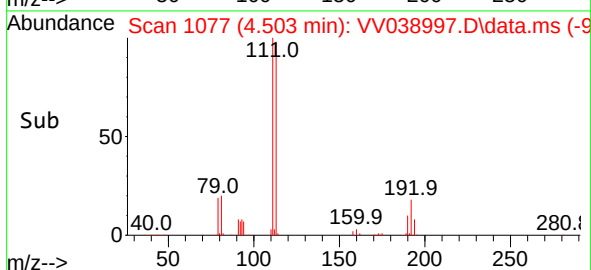
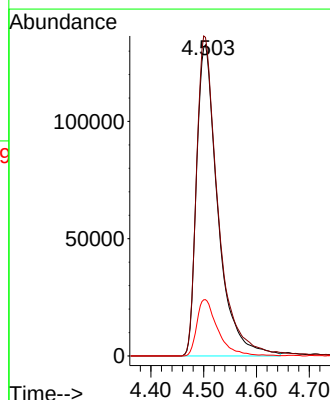
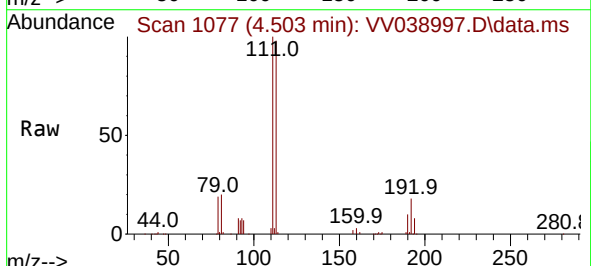
Tgt Ion:113 Resp: 371568

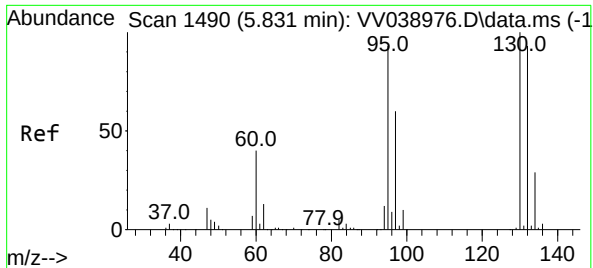
Ion Ratio Lower Upper

113 100

111 103.0 81.3 121.9

192 17.7 15.4 23.0

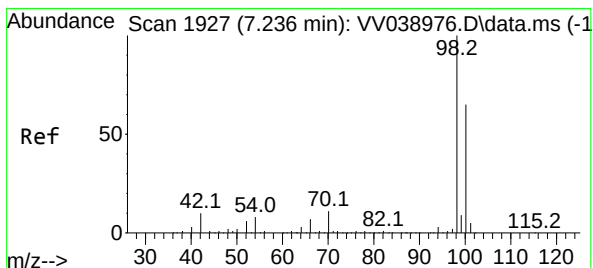
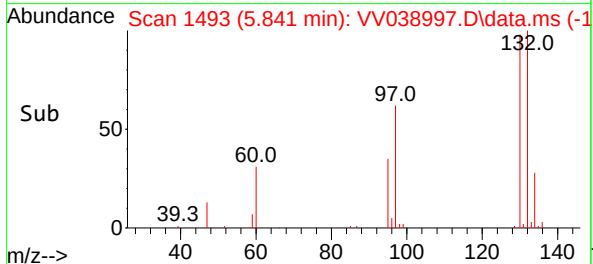
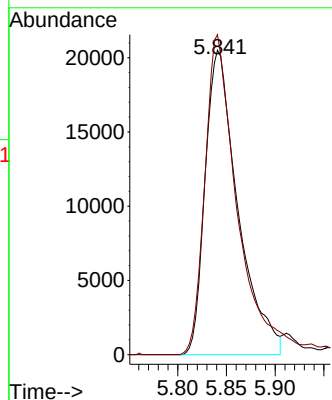
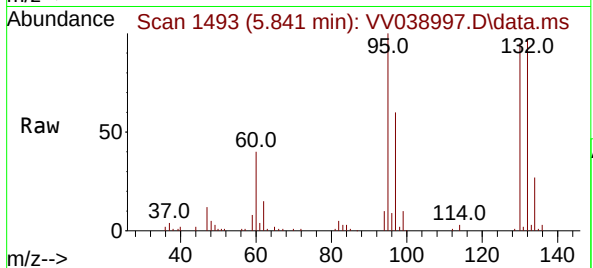




#44
 Trichloroethene
 Concen: 5.447 ug/l
 RT: 5.841 min Scan# 1493
 Delta R.T. 0.010 min
 Lab File: VV038997.D
 Acq: 21 Aug 2025 21:28

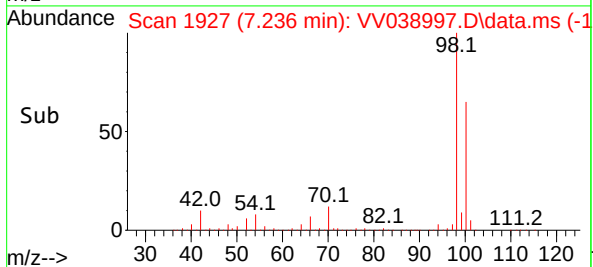
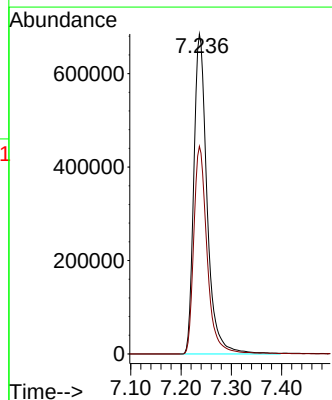
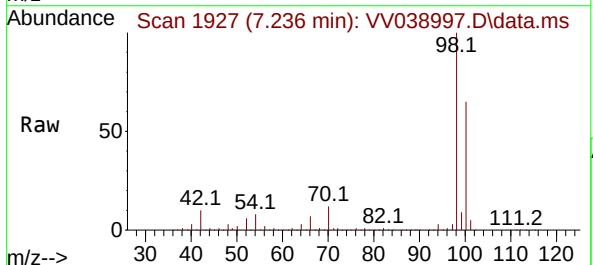
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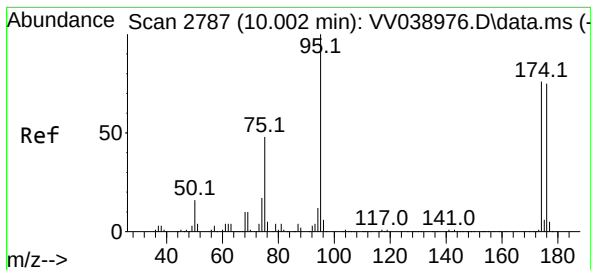
Tgt Ion:130 Resp: 47990
 Ion Ratio Lower Upper
 130 100
 95 105.1 0.0 186.6



#50
 Toluene-d8
 Concen: 44.987 ug/l
 RT: 7.236 min Scan# 1927
 Delta R.T. -0.000 min
 Lab File: VV038997.D
 Acq: 21 Aug 2025 21:28

Tgt Ion: 98 Resp: 1252694
 Ion Ratio Lower Upper
 98 100
 100 65.1 52.2 78.2

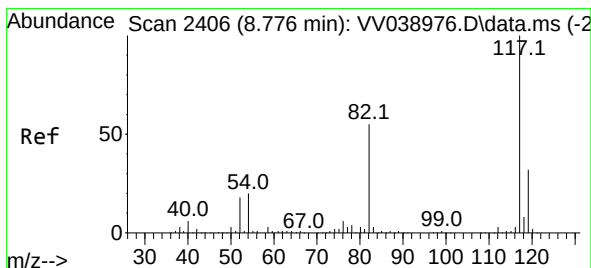
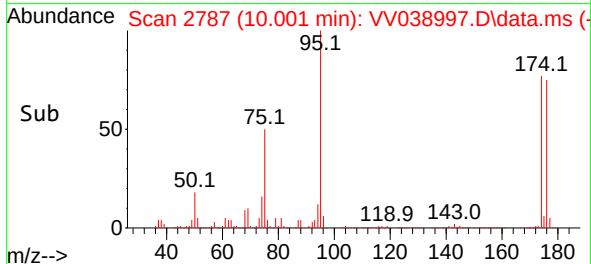
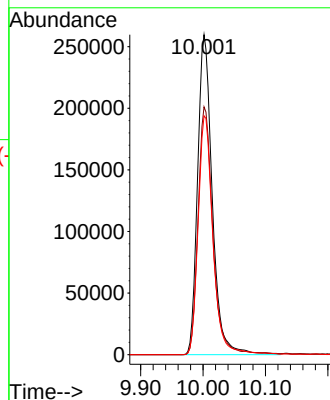
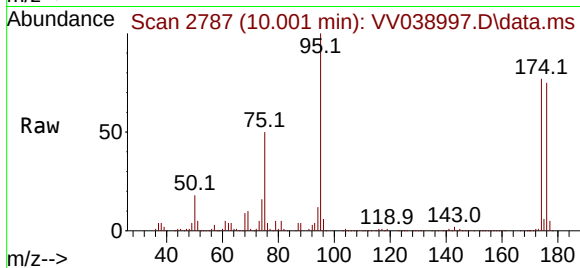




#62
 4-Bromofluorobenzene
 Concen: 41.723 ug/l
 RT: 10.001 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV038997.D
 Acq: 21 Aug 2025 21:28

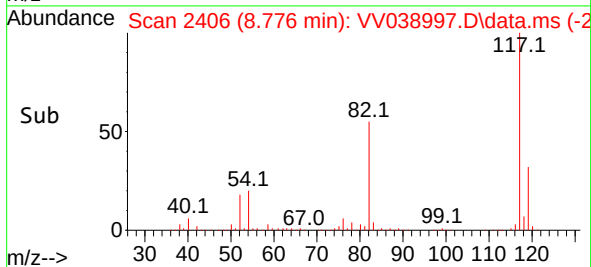
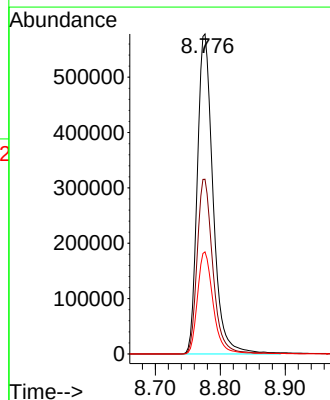
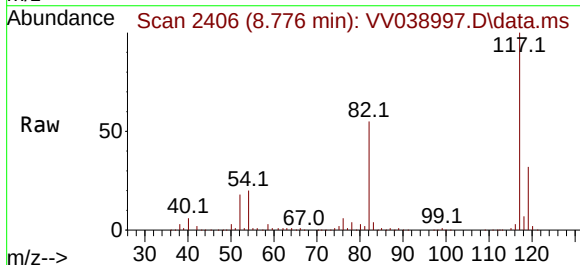
Instrument :
 MSVOA_V
 ClientSampleId :
 MW-10C-082025

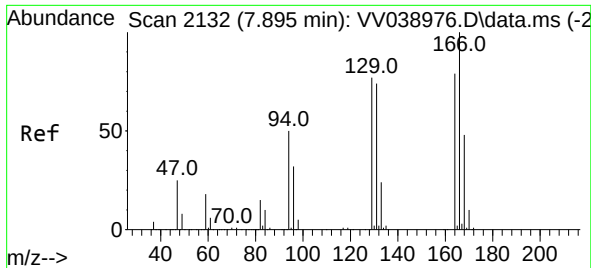
Tgt Ion: 95 Resp: 425018
 Ion Ratio Lower Upper
 95 100
 174 77.9 0.0 154.4
 176 75.3 0.0 148.6



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 8.776 min Scan# 2406
 Delta R.T. 0.000 min
 Lab File: VV038997.D
 Acq: 21 Aug 2025 21:28

Tgt Ion: 117 Resp: 974990
 Ion Ratio Lower Upper
 117 100
 82 54.6 44.4 66.6
 119 31.9 26.0 39.0

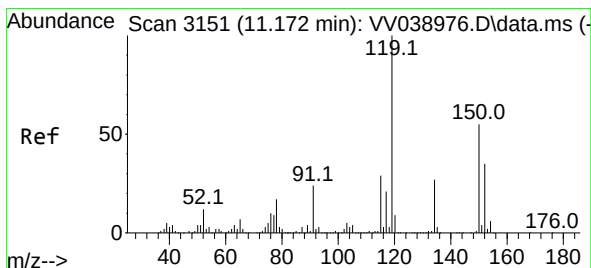
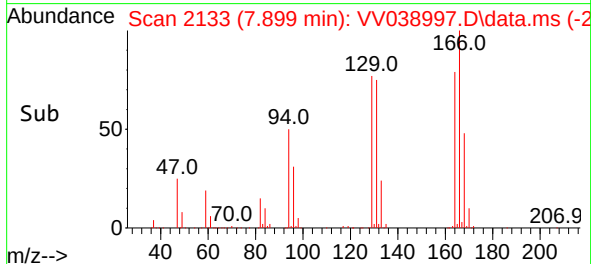
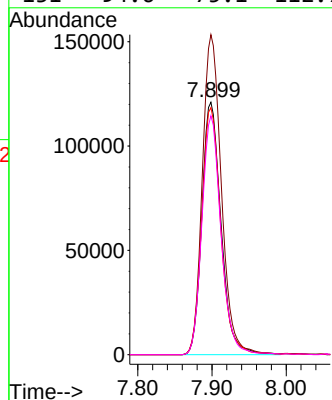
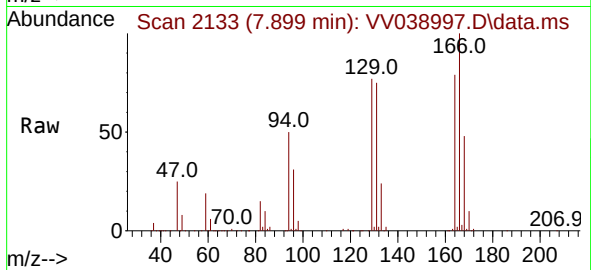




#64
Tetrachloroethene
Concen: 29.895 ug/l
RT: 7.899 min Scan# 2133
Delta R.T. 0.003 min
Lab File: VV038997.D
Acq: 21 Aug 2025 21:28

Instrument :
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Tgt Ion:164	Resp:	216885
Ion Ratio	Lower	Upper
164	100	
166	126.7	101.8 152.6
129	97.9	78.7 118.1
131	94.6	75.1 112.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.175 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VV038997.D
Acq: 21 Aug 2025 21:28

Tgt Ion:152	Resp:	354625
Ion Ratio	Lower	Upper
152	100	
115	59.7	42.5 127.5
150	156.7	0.0 344.8

