

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
 Data File : VW031806.D
 Acq On : 10 Jul 2025 16:20
 Operator : SY/MD
 Sample : Q2539-01
 Misc : 5.00g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HACKENSACK

Quant Time: Jul 11 02:23:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:35:17 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

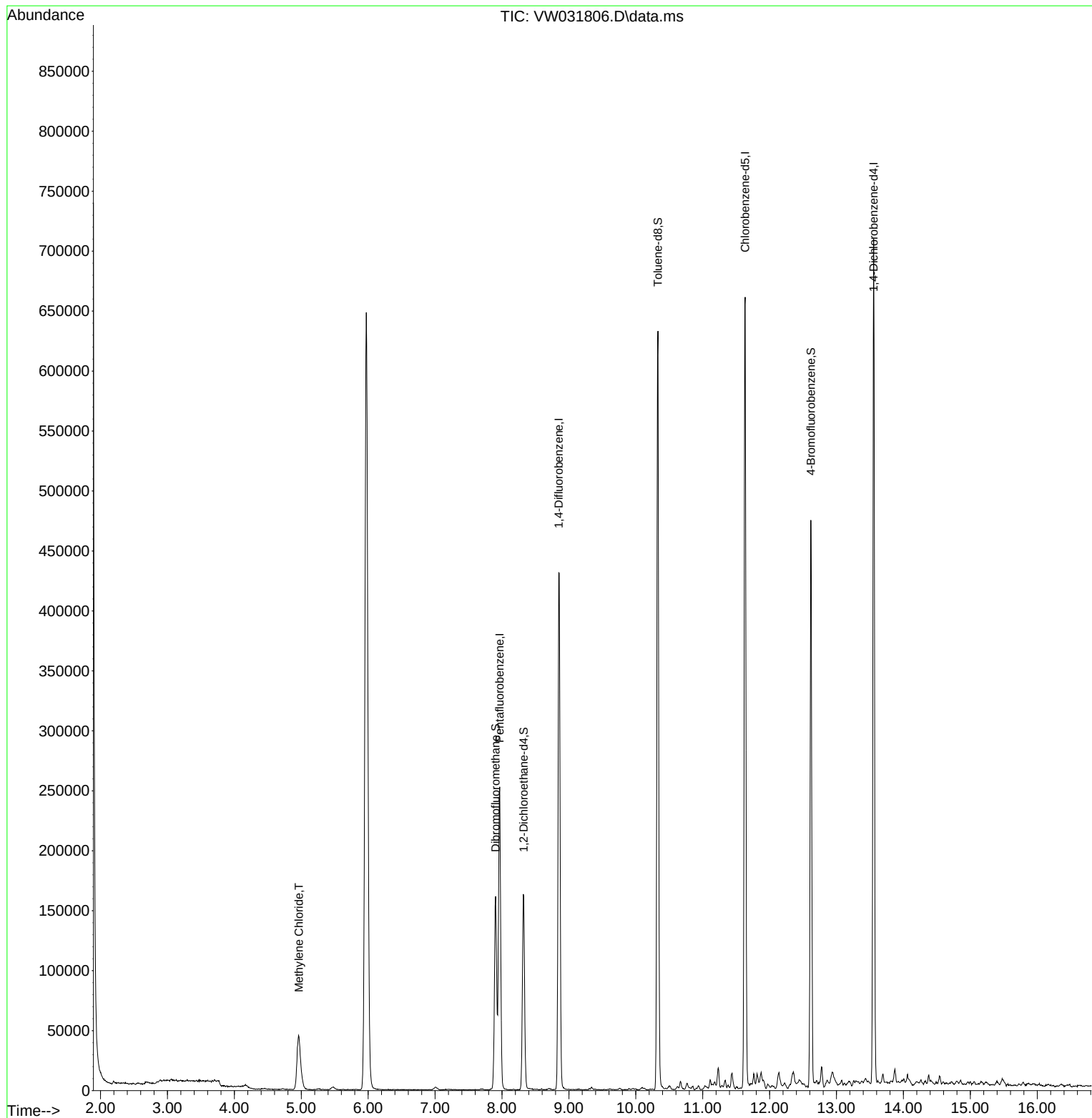
Internal Standards						
1) Pentafluorobenzene	7.965	168	175909	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	371697	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	361152	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	170506	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.325	65	138479	54.854	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	109.700%
35) Dibromofluoromethane	7.904	113	117088	48.274	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	96.540%
50) Toluene-d8	10.331	98	421848	46.736	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	93.480%
62) 4-Bromofluorobenzene	12.617	95	167611	50.460	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	100.920%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.966	84	42688	13.729	ug/l	98

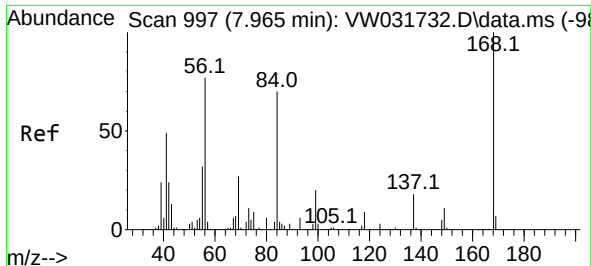
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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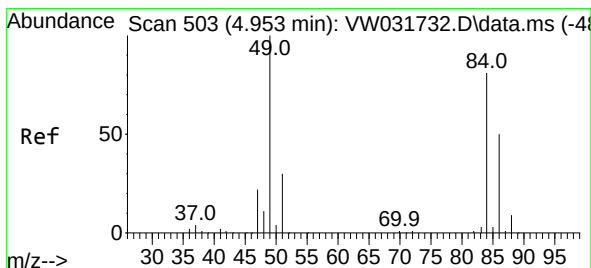
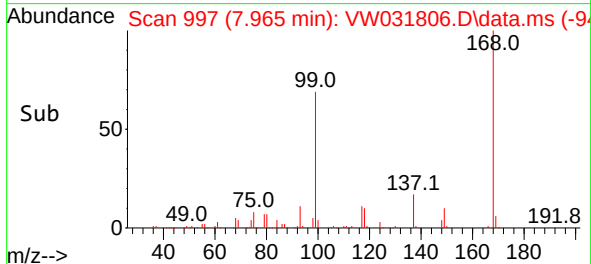
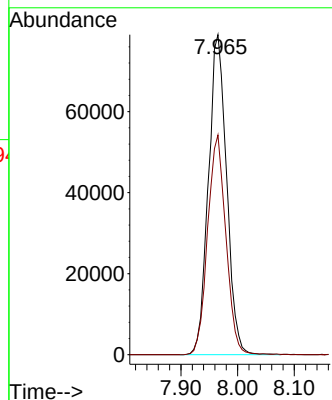
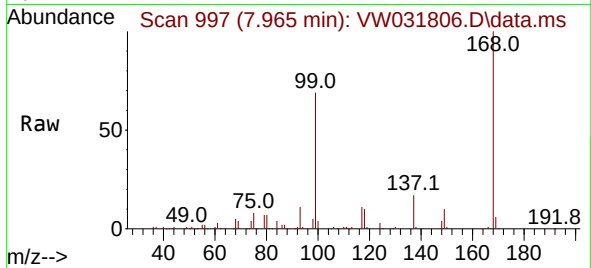




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW031806.D
Acq: 10 Jul 2025 16:20

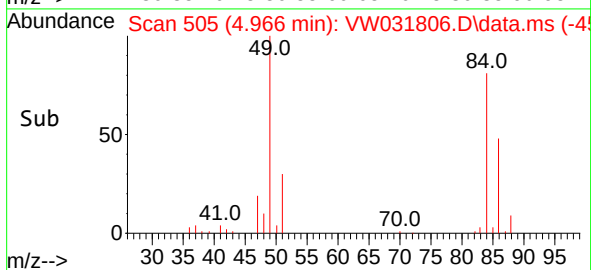
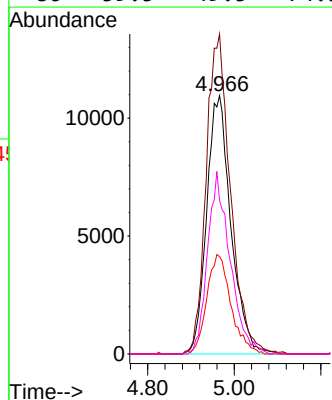
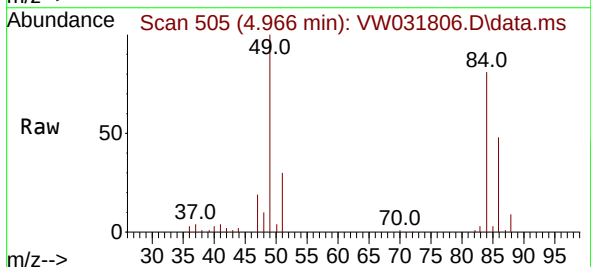
Instrument :
MSVOA_W
ClientSampleId :
HACKENSACK

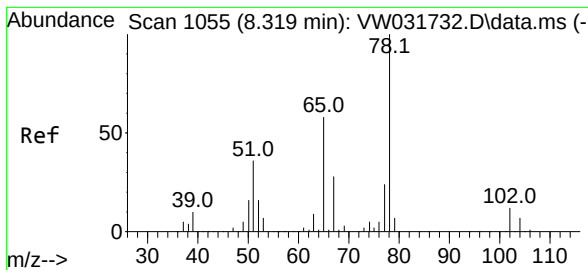
Tgt Ion:168 Resp: 175909
Ion Ratio Lower Upper
168 100
99 68.7 49.4 74.2



#20
Methylene Chloride
Concen: 13.729 ug/l
RT: 4.966 min Scan# 505
Delta R.T. 0.012 min
Lab File: VW031806.D
Acq: 10 Jul 2025 16:20

Tgt Ion: 84 Resp: 42688
Ion Ratio Lower Upper
84 100
49 123.9 98.2 147.4
51 37.7 29.8 44.8
86 59.5 49.5 74.3

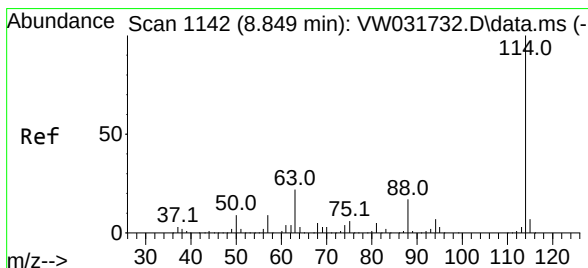
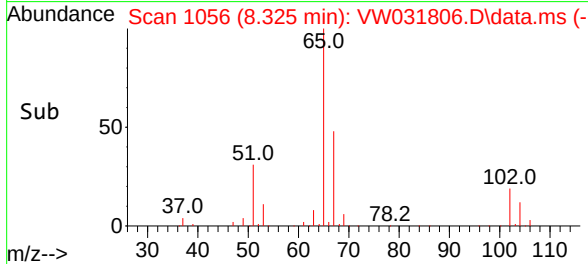
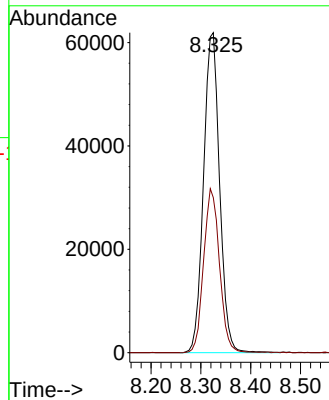
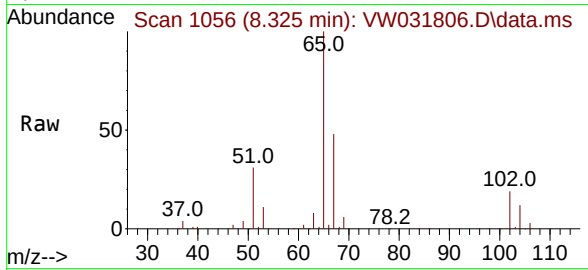




#33
 1,2-Dichloroethane-d4
 Concen: 54.854 ug/l
 RT: 8.325 min Scan# 1055
 Delta R.T. 0.006 min
 Lab File: VW031806.D
 Acq: 10 Jul 2025 16:20

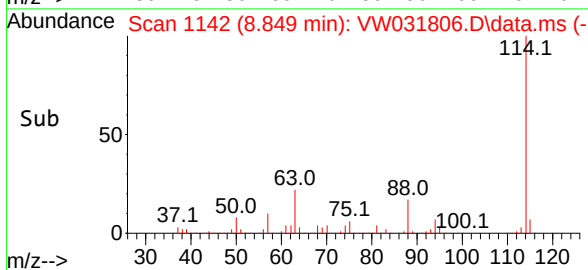
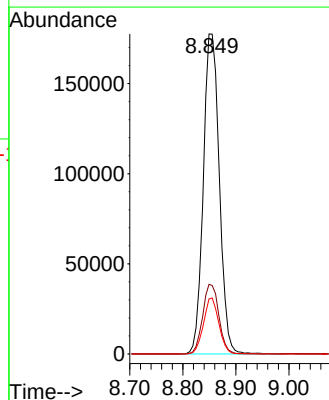
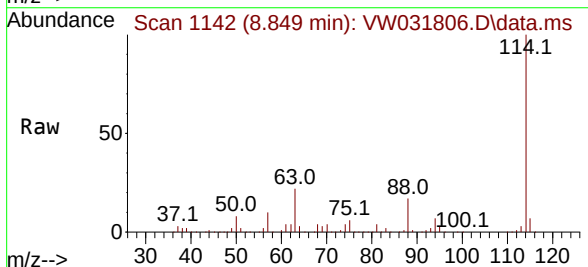
Instrument :
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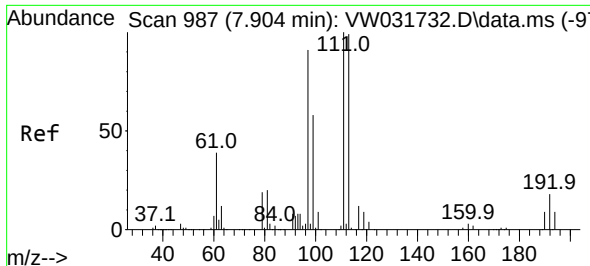
Tgt Ion: 65 Resp: 138479
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VW031806.D
 Acq: 10 Jul 2025 16:20

Tgt Ion: 114 Resp: 371697
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 43.6
 88 17.2 0.0 34.2

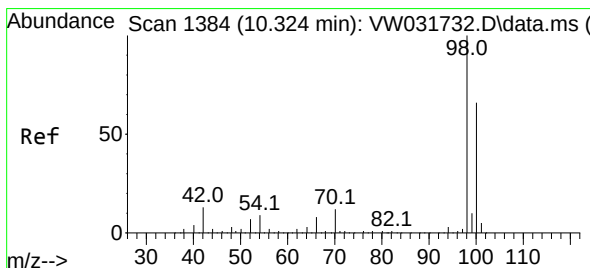
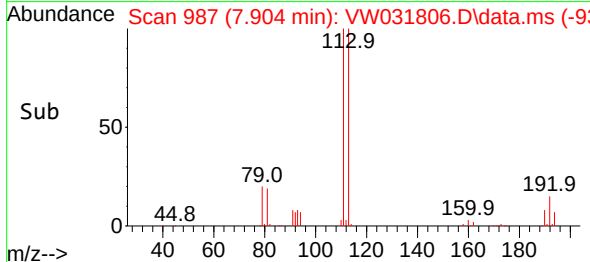
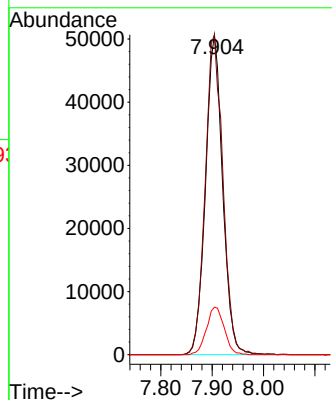
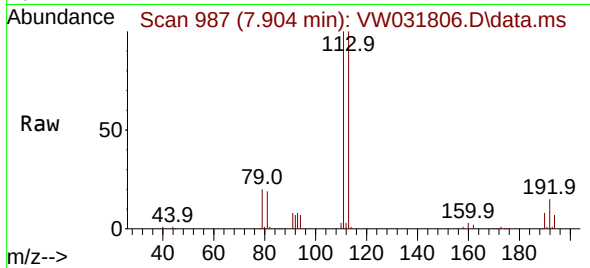




#35
Dibromofluoromethane
Concen: 48.274 ug/l
RT: 7.904 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW031806.D
Acq: 10 Jul 2025 16:20

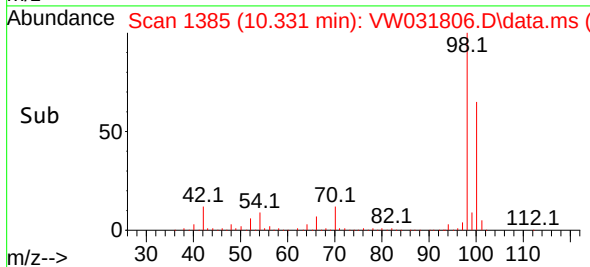
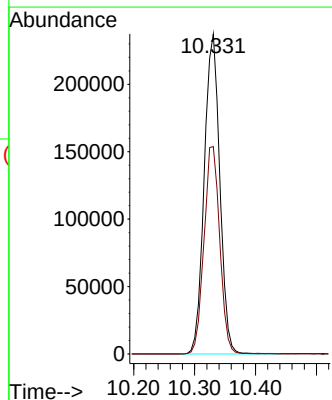
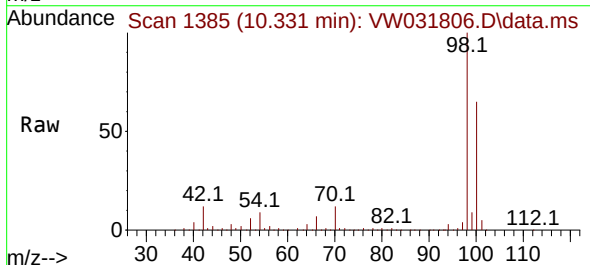
Instrument :
MSVOA_W
ClientSampleId :
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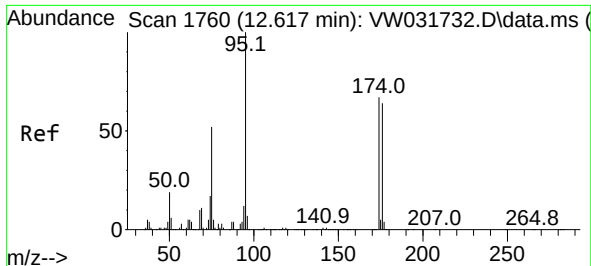
Tgt Ion:113 Resp: 117088
Ion Ratio Lower Upper
113 100
111 103.1 82.1 123.1
192 15.5 13.8 20.6



#50
Toluene-d8
Concen: 46.736 ug/l
RT: 10.331 min Scan# 1385
Delta R.T. 0.006 min
Lab File: VW031806.D
Acq: 10 Jul 2025 16:20

Tgt Ion: 98 Resp: 421848
Ion Ratio Lower Upper
98 100
100 65.5 53.0 79.4

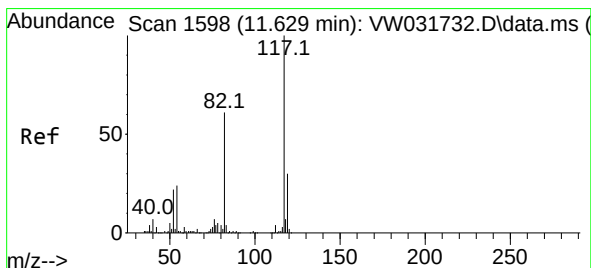
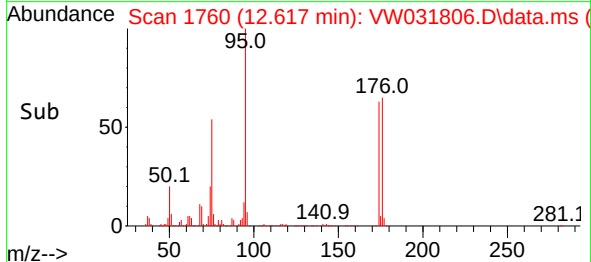
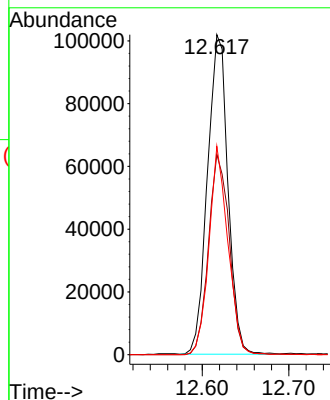
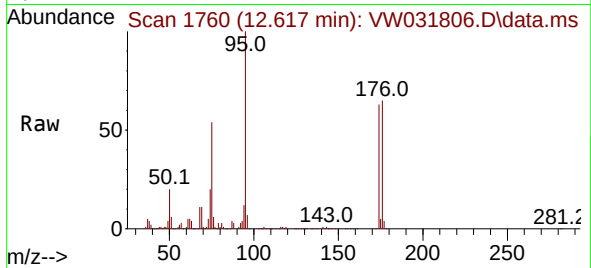




#62
4-Bromofluorobenzene
Concen: 50.460 ug/l
RT: 12.617 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031806.D
Acq: 10 Jul 2025 16:20

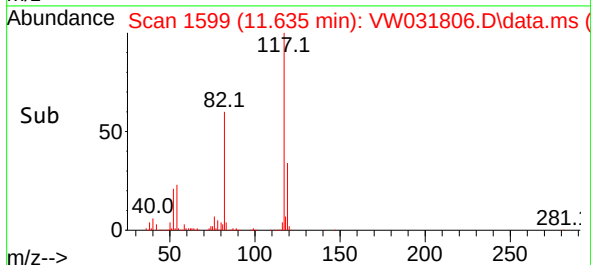
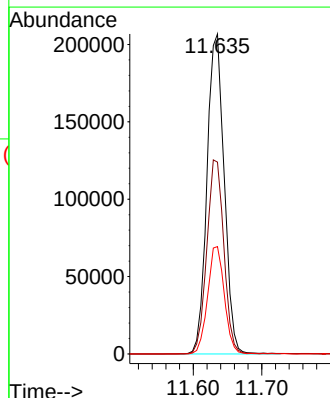
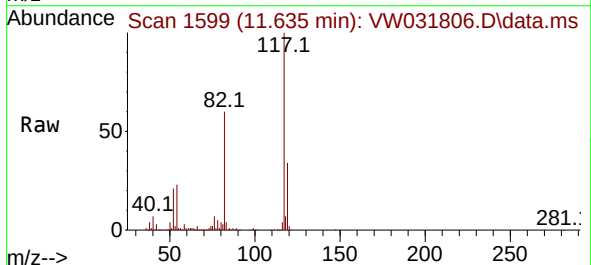
Instrument :
MSVOA_W
ClientSampleId :
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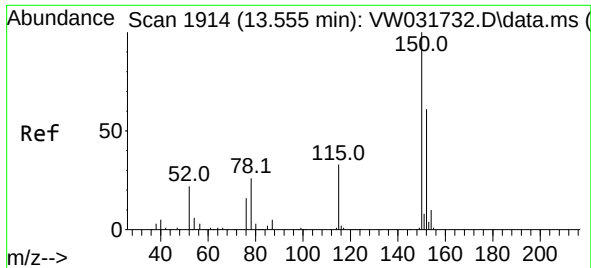
Tgt Ion: 95 Resp: 167611
Ion Ratio Lower Upper
95 100
174 63.7 0.0 133.8
176 60.5 0.0 126.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VW031806.D
Acq: 10 Jul 2025 16:20

Tgt Ion: 117 Resp: 361152
Ion Ratio Lower Upper
117 100
82 59.8 48.6 72.8
119 33.6 23.9 35.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW031806.D

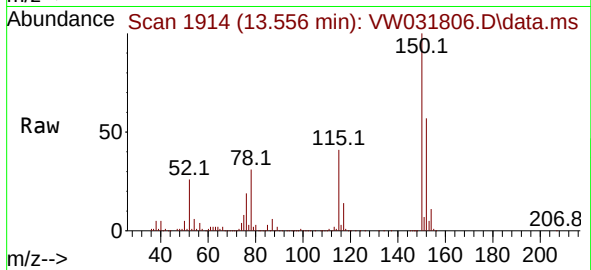
Acq: 10 Jul 2025 16:20

Instrument :

MSVOA_W

ClientSampleId :

HACKENSACK



Tgt Ion:152 Resp: 170506

Ion Ratio Lower Upper

152 100

115 69.6 31.9 95.7

150 165.1 0.0 356.4

