

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100225\
 Data File : VW032330.D
 Acq On : 02 Oct 2025 14:19
 Operator : SY/MD
 Sample : Q3266-02
 Misc : 10.12g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ENV-4-6FT

Quant Time: Oct 02 21:38:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 02 21:24:16 2025
 Response via : Initial Calibration

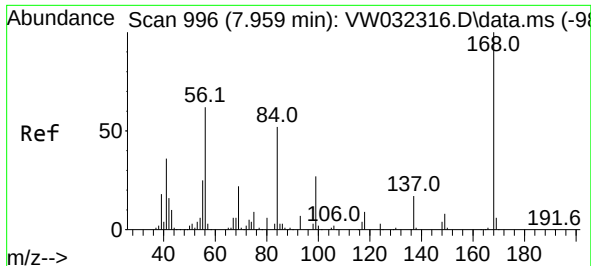
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.965	168	184689	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	407370	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	435664	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	195548	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	188484	69.970	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	=	139.940%	
35) Dibromofluoromethane	7.904	113	149199	56.554	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	=	113.100%	
50) Toluene-d8	10.325	98	551506	56.641	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	=	113.280%	
62) 4-Bromofluorobenzene	12.617	95	207352	56.342	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	=	112.680%	
Target Compounds						
						Qvalue
20) Methylene Chloride	4.954	84	17832	2.100	ug/l	# 91

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

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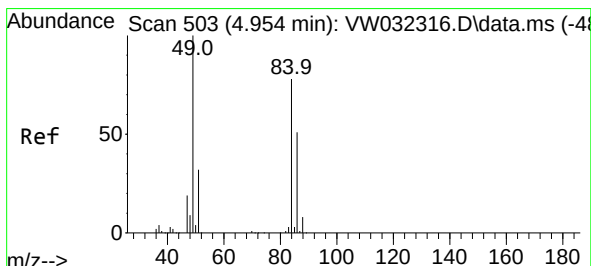
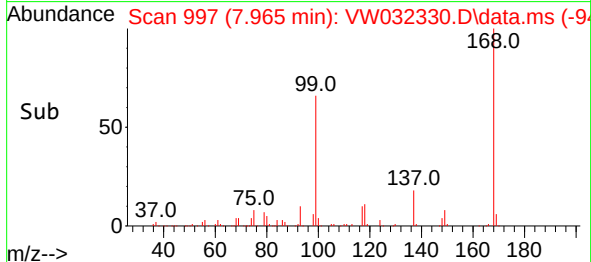
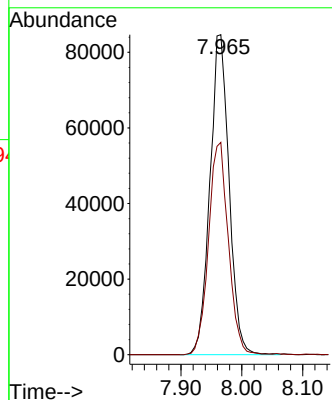
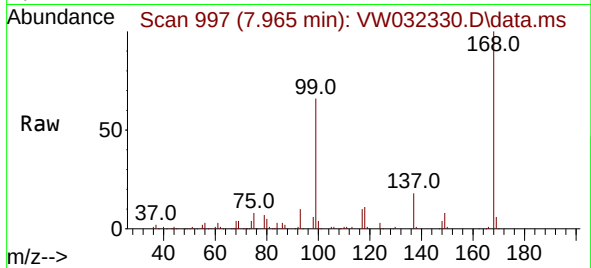




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW032330.D
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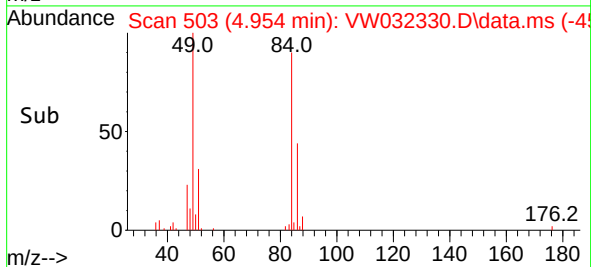
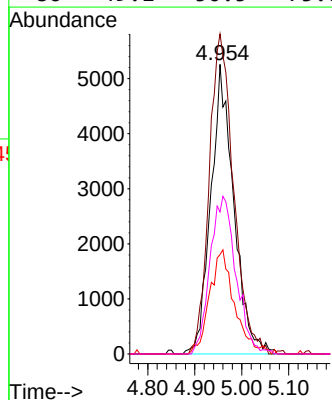
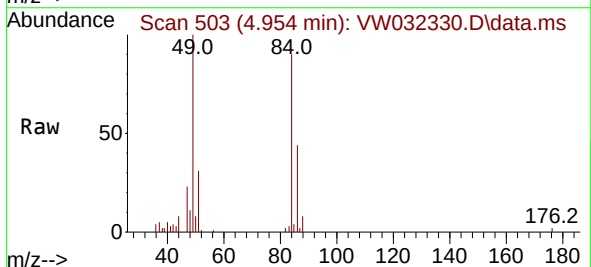
Instrument :
MSVOA_W
ClientSampleId :
ENV-4-6FT

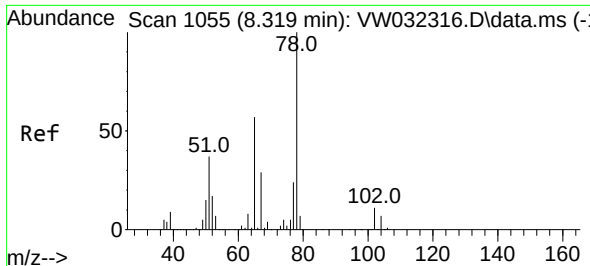
Tgt Ion:168 Resp: 184689
Ion Ratio Lower Upper
168 100
99 66.3 49.3 73.9



#20
Methylene Chloride
Concen: 2.100 ug/l
RT: 4.954 min Scan# 503
Delta R.T. -0.006 min
Lab File: VW032330.D
Acq: 02 Oct 2025 14:19

Tgt Ion: 84 Resp: 17832
Ion Ratio Lower Upper
84 100
49 110.5 92.2 138.4
51 34.3 31.0 46.6
86 49.1 50.5 75.7#

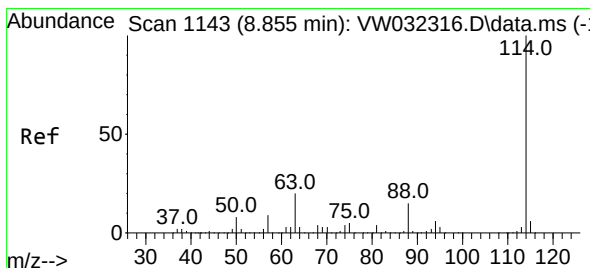
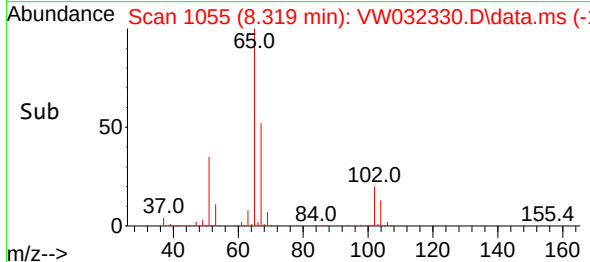
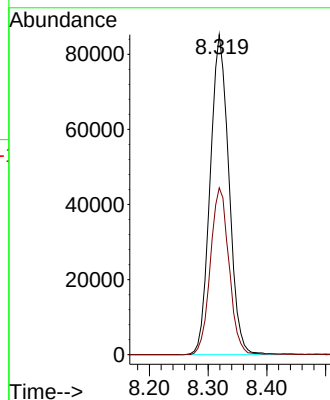
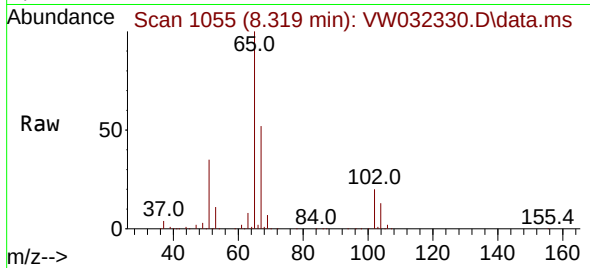




#33
 1,2-Dichloroethane-d4
 Concen: 69.970 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VW032330.D
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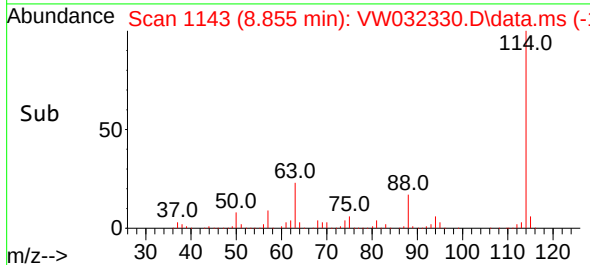
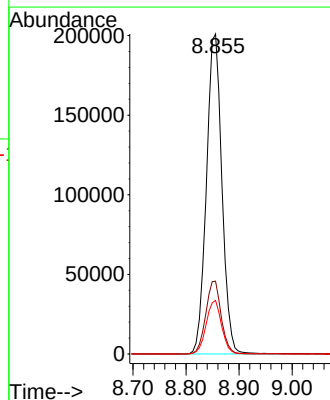
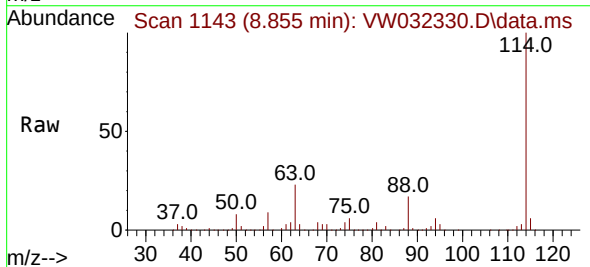
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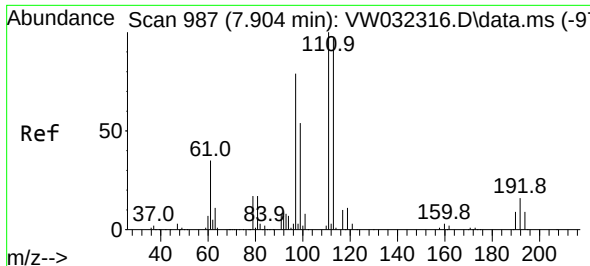
Tgt Ion: 65 Resp: 188484
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.855 min Scan# 1143
 Delta R.T. -0.000 min
 Lab File: VW032330.D
 Acq: 02 Oct 2025 14:19

Tgt Ion: 114 Resp: 407370
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 40.4
 88 16.8 0.0 32.0

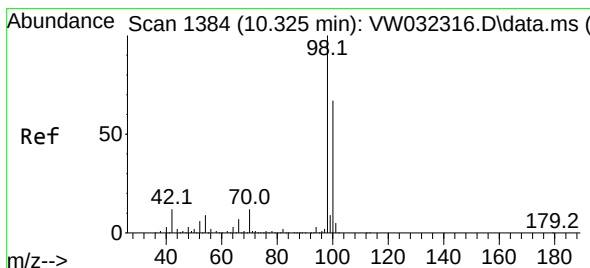
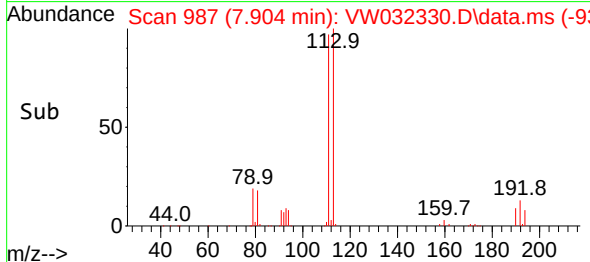
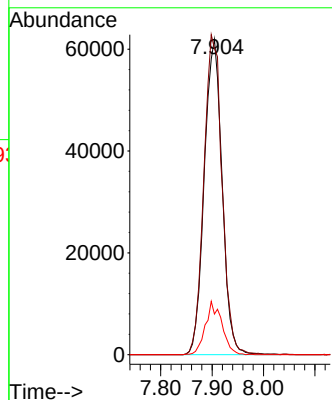
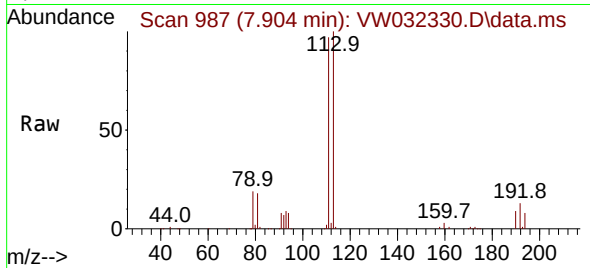




#35
 Dibromofluoromethane
 Concen: 56.554 ug/l
 RT: 7.904 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VW032330.D
 Acq: 02 Oct 2025 14:19

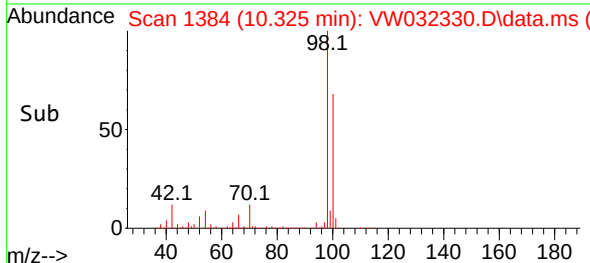
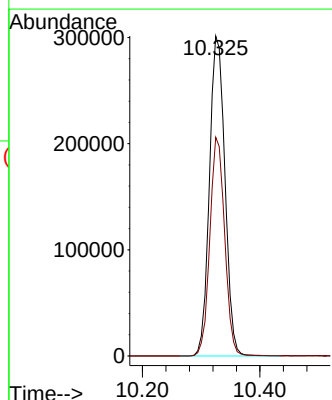
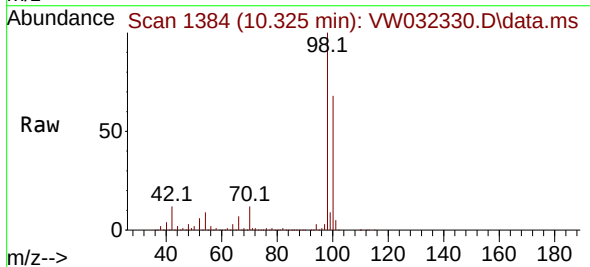
Instrument :
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 ClientSampleId :
 ENV-4-6FT

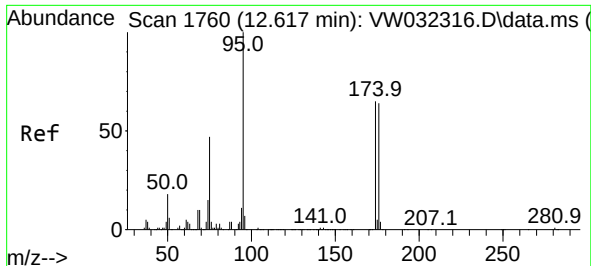
Tgt Ion:113 Resp: 149199
 Ion Ratio Lower Upper
 113 100
 111 103.5 83.9 125.9
 192 15.7 14.6 21.8



#50
 Toluene-d8
 Concen: 56.641 ug/l
 RT: 10.325 min Scan# 1384
 Delta R.T. -0.000 min
 Lab File: VW032330.D
 Acq: 02 Oct 2025 14:19

Tgt Ion: 98 Resp: 551506
 Ion Ratio Lower Upper
 98 100
 100 65.5 51.4 77.2

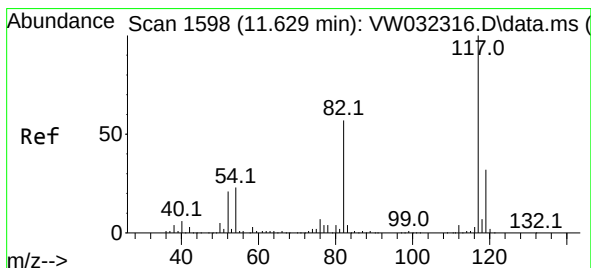
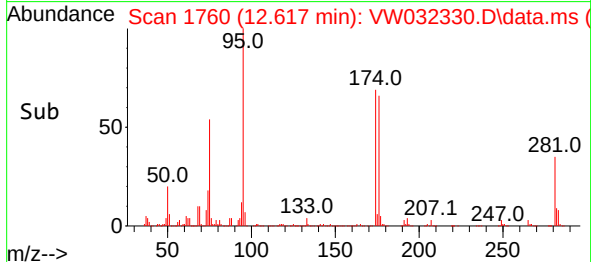
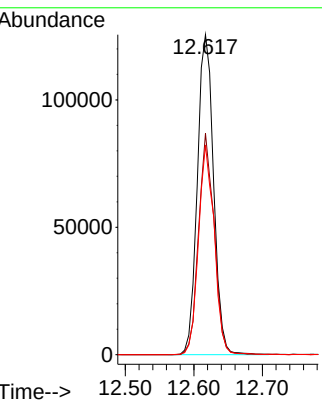
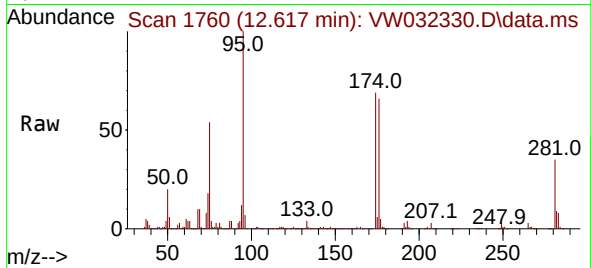




#62
4-Bromofluorobenzene
Concen: 56.342 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032330.D
Acq: 02 Oct 2025 14:19

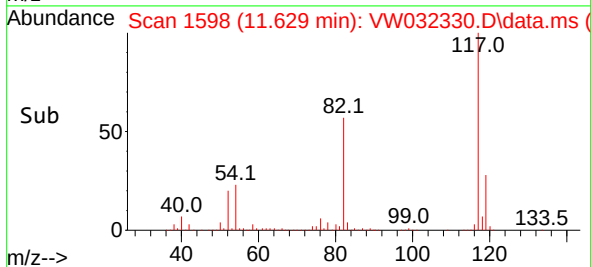
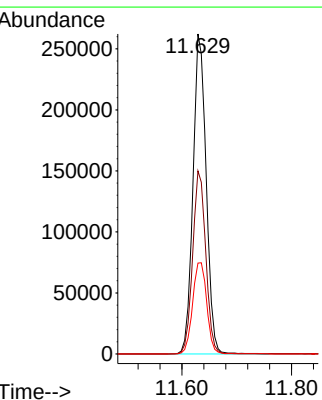
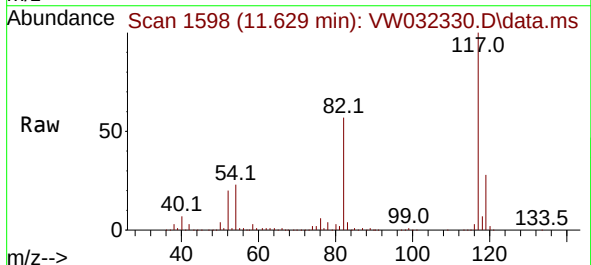
Instrument :
MSVOA_W
ClientSampleId :
ENV-4-6FT

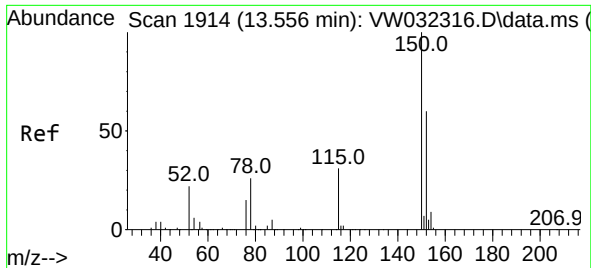
Tgt Ion: 95 Resp: 207352
Ion Ratio Lower Upper
95 100
174 66.4 0.0 145.6
176 63.5 0.0 140.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VW032330.D
Acq: 02 Oct 2025 14:19

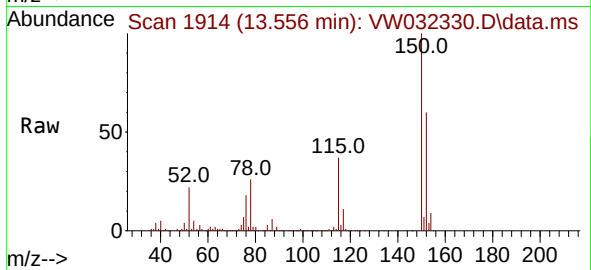
Tgt Ion: 117 Resp: 435664
Ion Ratio Lower Upper
117 100
82 57.2 42.7 64.1
119 28.4 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. -0.000 min
 Lab File: VW032330.D
 Acq: 02 Oct 2025 14:19

Instrument :
 MSVOA_W
 ClientSampleId :
 ENV-4-6FT



Tgt Ion:	152	Resp:	195548
Ion Ratio	Lower	Upper	
152	100		
115	65.9	31.8	95.4
150	161.0	0.0	343.0

