

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100225\
 Data File : VW032328.D
 Acq On : 02 Oct 2025 13:35
 Operator : SY/MD
 Sample : Q3257-02
 Misc : 11.59g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ENV2-6FT

Quant Time: Oct 02 21:37:34 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)

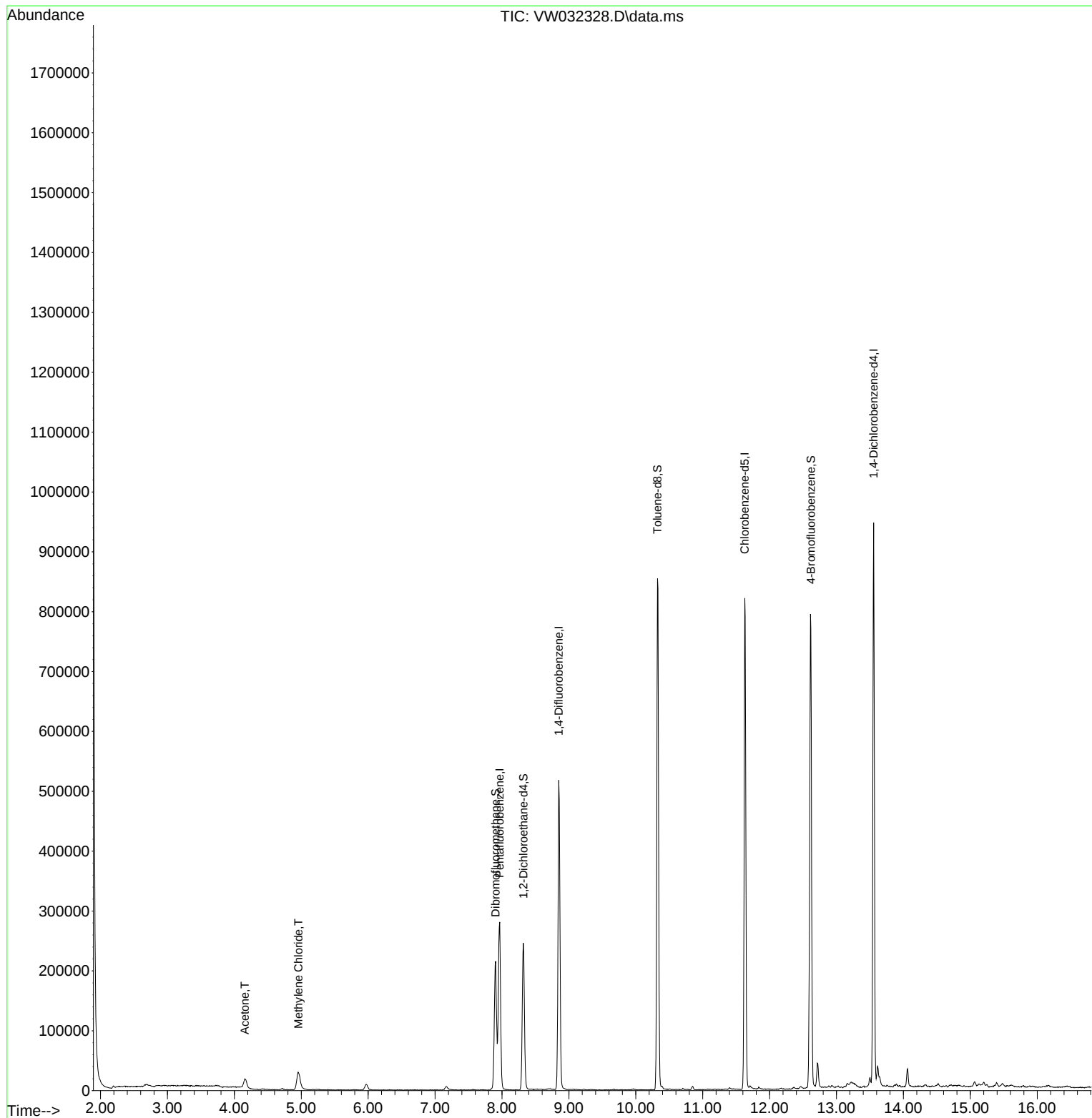
Internal Standards						
1) Pentafluorobenzene	7.965	168	197845	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	430890	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	442868	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	232780	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	205501	71.214	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 142.420%	
35) Dibromofluoromethane	7.904	113	159110	57.019	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 114.040%	
50) Toluene-d8	10.325	98	587929	57.086	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 114.180%	
62) 4-Bromofluorobenzene	12.617	95	226278	58.129	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 116.260%	
Target Compounds						
						Qvalue
16) Acetone	4.155	43	27330	34.204	ug/l	99
20) Methylene Chloride	4.960	84	26183	5.098	ug/l	96

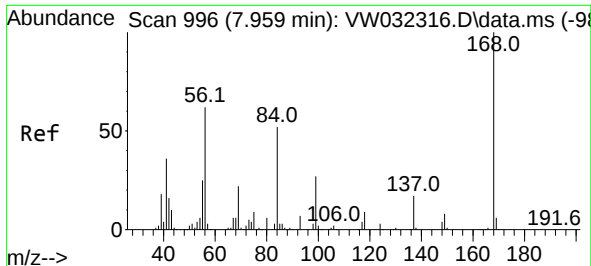
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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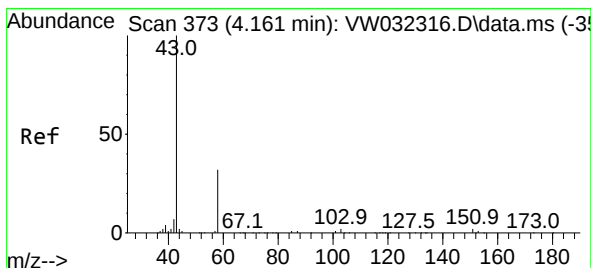
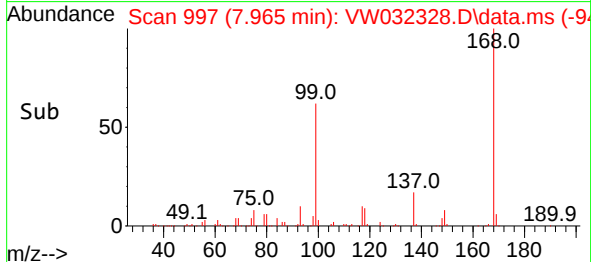
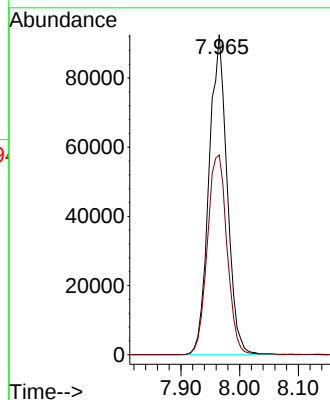
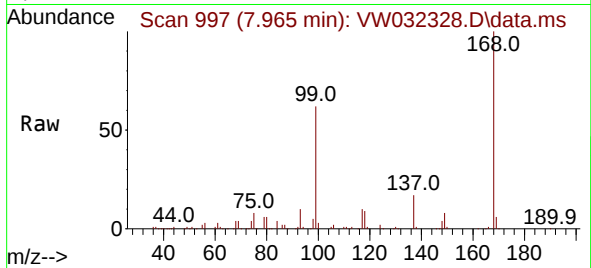




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW032328.D
Acq: 02 Oct 2025 13:35

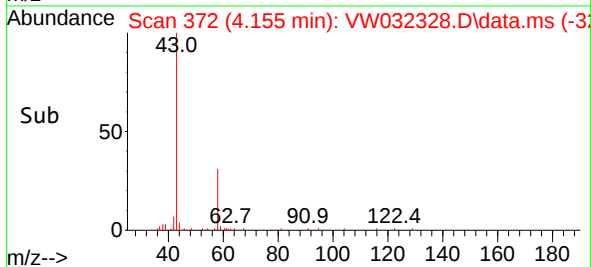
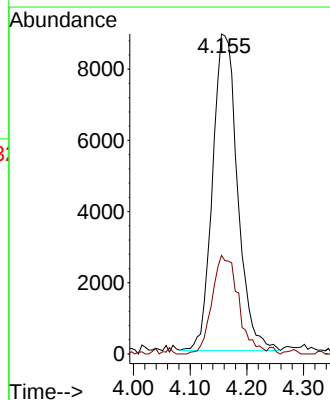
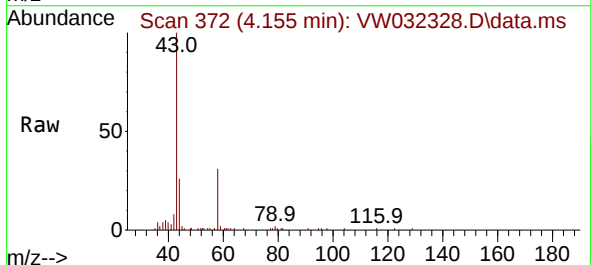
Instrument :
MSVOA_W
ClientSampleId :
ENV2-6FT

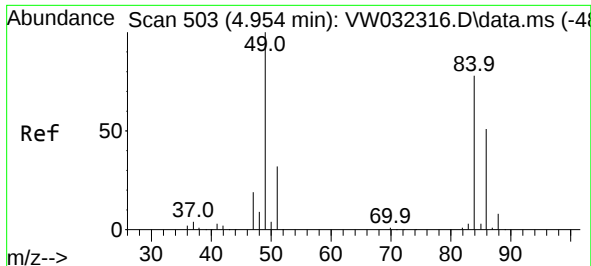
Tgt Ion:168 Resp: 197845
Ion Ratio Lower Upper
168 100
99 62.4 49.3 73.9



#16
Acetone
Concen: 34.204 ug/l
RT: 4.155 min Scan# 372
Delta R.T. -0.006 min
Lab File: VW032328.D
Acq: 02 Oct 2025 13:35

Tgt Ion: 43 Resp: 27330
Ion Ratio Lower Upper
43 100
58 31.1 25.3 37.9

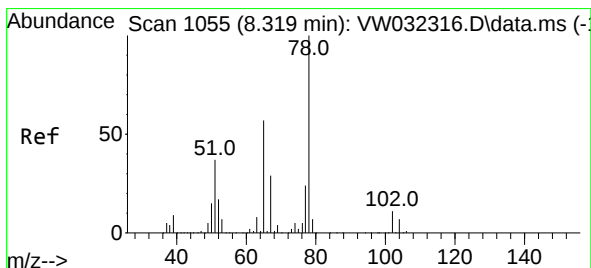
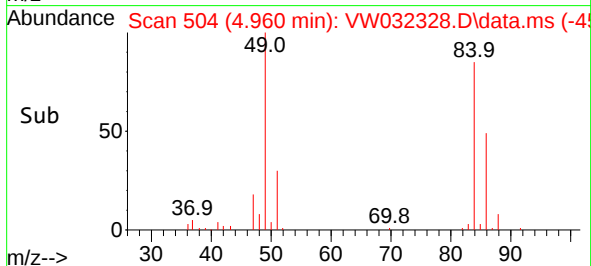
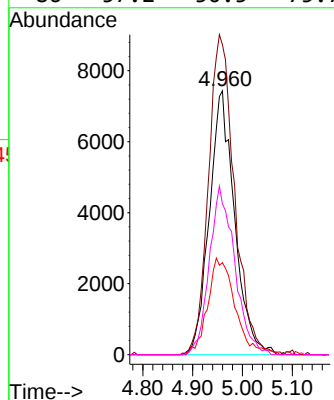
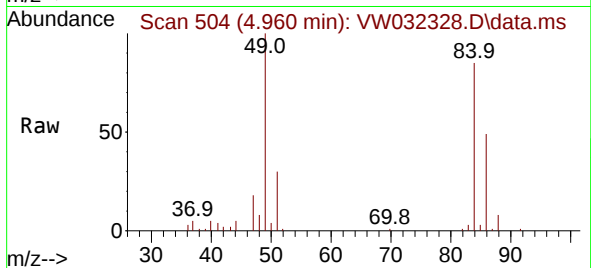




#20
Methylene Chloride
Concen: 5.098 ug/l
RT: 4.960 min Scan# 503
Delta R.T. -0.000 min
Lab File: VW032328.D
Acq: 02 Oct 2025 13:35

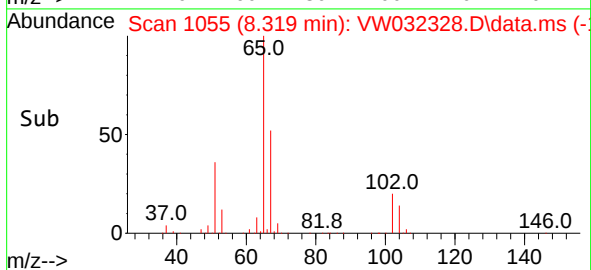
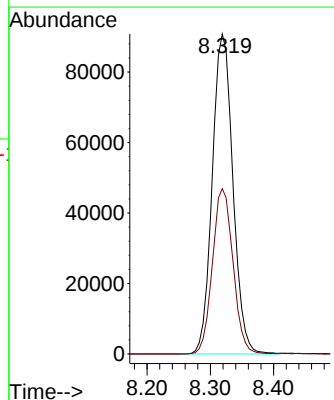
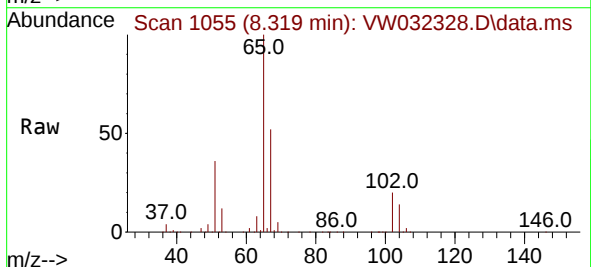
Instrument :
MSVOA_W
ClientSampleId :
ENV2-6FT

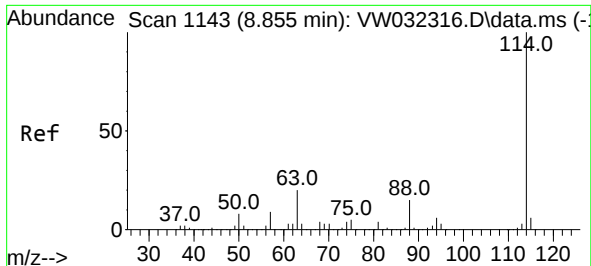
Tgt Ion:	84	Resp:	26183
Ion	Ratio	Lower	Upper
84	100		
49	117.5	92.2	138.4
51	34.9	31.0	46.6
86	57.2	50.5	75.7



#33
1,2-Dichloroethane-d4
Concen: 71.214 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW032328.D
Acq: 02 Oct 2025 13:35

Tgt Ion:	65	Resp:	205501
Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	99.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.849 min Scan# 1143

Delta R.T. -0.006 min

Lab File: VW032328.D

Acq: 02 Oct 2025 13:35

Instrument :

MSVOA_W

ClientSampleId :

ENV2-6FT

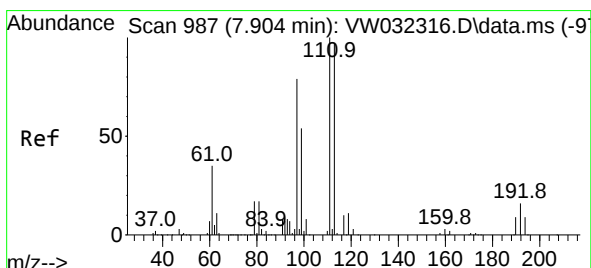
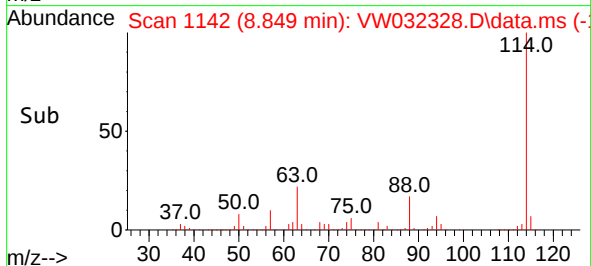
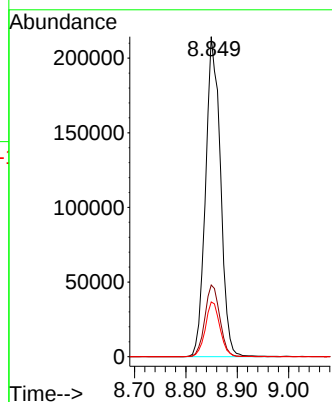
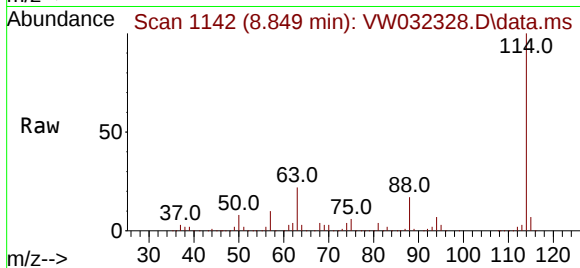
Tgt Ion:114 Resp: 430890

Ion Ratio Lower Upper

114 100

63 22.4 0.0 40.4

88 17.1 0.0 32.0



#35

Dibromofluoromethane

Concen: 57.019 ug/l

RT: 7.904 min Scan# 987

Delta R.T. -0.000 min

Lab File: VW032328.D

Acq: 02 Oct 2025 13:35

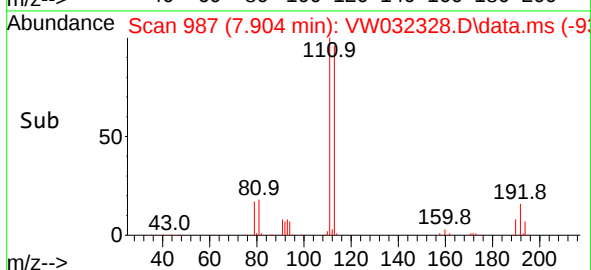
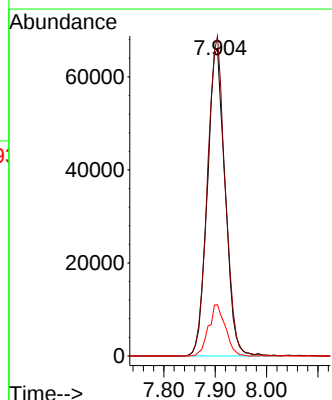
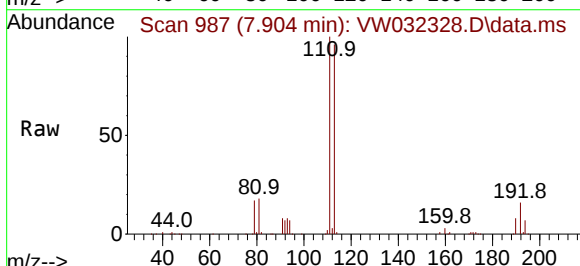
Tgt Ion:113 Resp: 159110

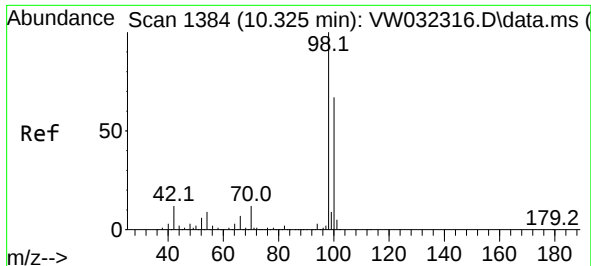
Ion Ratio Lower Upper

113 100

111 103.2 83.9 125.9

192 15.8 14.6 21.8

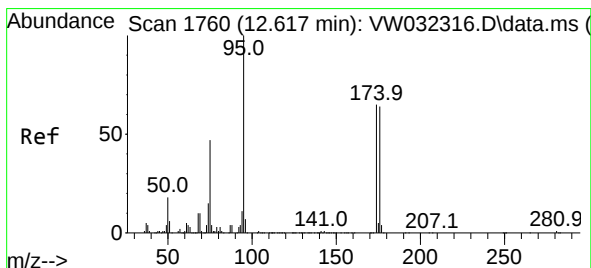
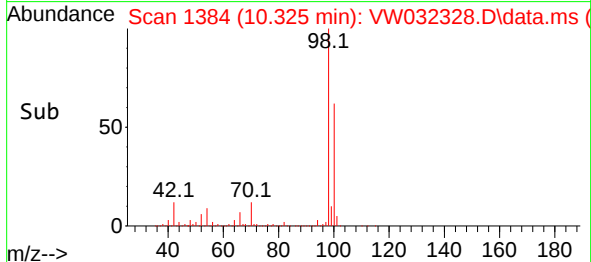
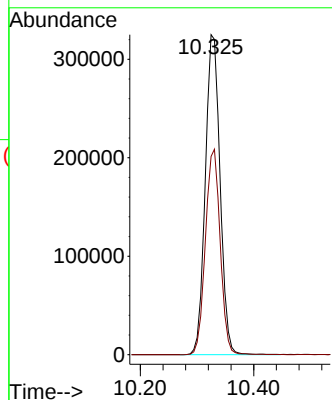
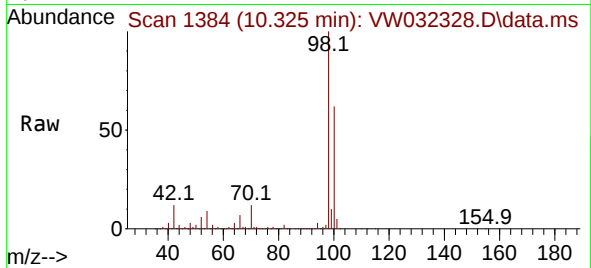




#50
Toluene-d8
Concen: 57.086 ug/l
RT: 10.325 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032328.D
Acq: 02 Oct 2025 13:35

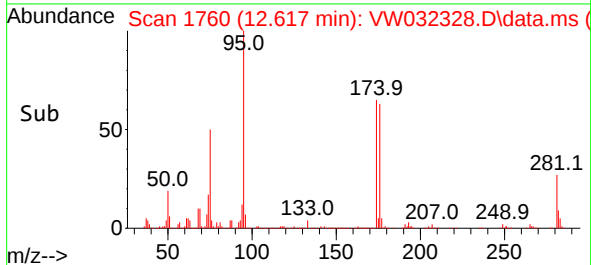
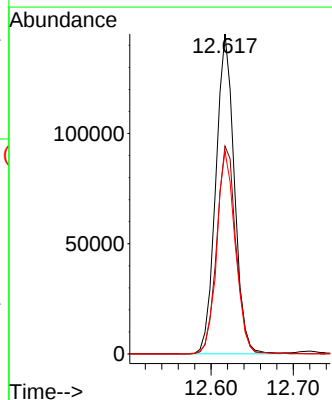
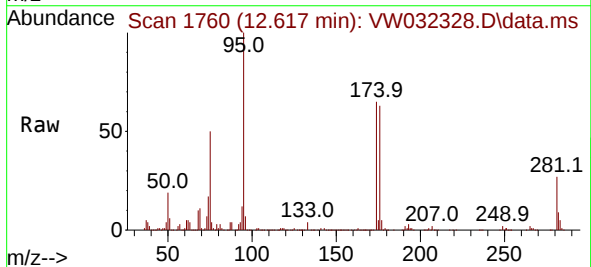
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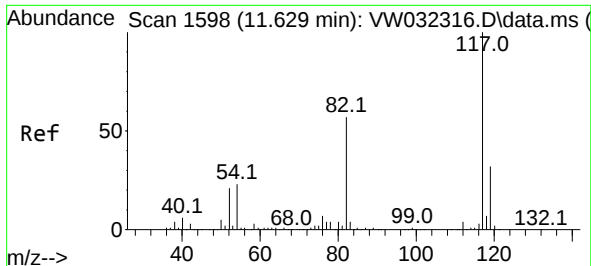
Tgt Ion: 98 Resp: 587929
Ion Ratio Lower Upper
98 100
100 64.2 51.4 77.2



#62
4-Bromofluorobenzene
Concen: 58.129 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032328.D
Acq: 02 Oct 2025 13:35

Tgt Ion: 95 Resp: 226278
Ion Ratio Lower Upper
95 100
174 67.7 0.0 145.6
176 63.8 0.0 140.8

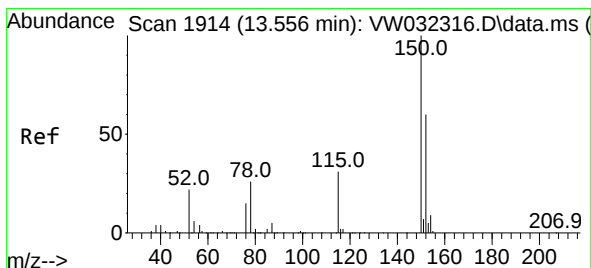
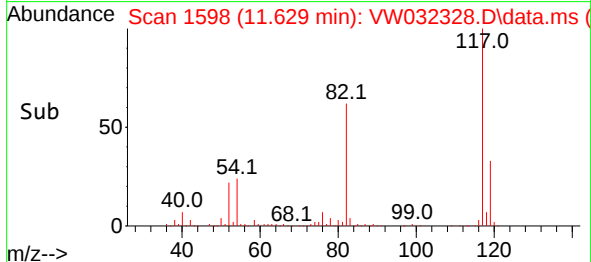
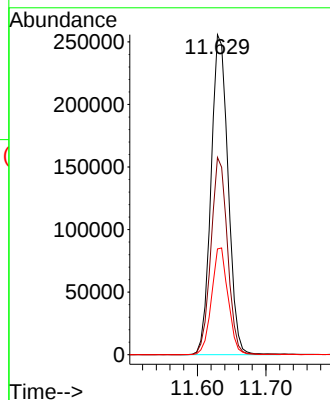
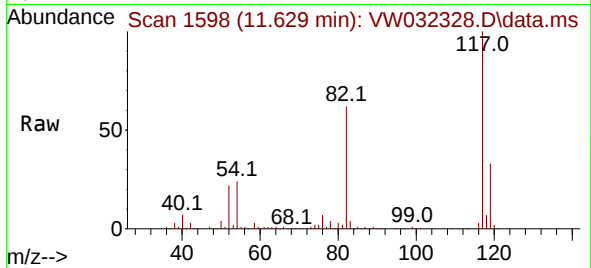




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 117
Delta R.T. -0.000 min
Lab File: VW032328.D
Acq: 02 Oct 2025 13:35

Instrument :
MSVOA_W
ClientSampleId :
ENV2-6FT

Tgt Ion:117 Resp: 442868
Ion Ratio Lower Upper
117 100
82 61.6 42.7 64.1
119 33.1 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: VW032328.D
Acq: 02 Oct 2025 13:35

Tgt Ion:152 Resp: 232780
Ion Ratio Lower Upper
152 100
115 64.0 31.8 95.4
150 160.9 0.0 343.0

