

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100225\
 Data File : VW032329.D
 Acq On : 02 Oct 2025 13:57
 Operator : SY/MD
 Sample : Q3266-01
 Misc : 14.74g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ENV-3-6FT

Quant Time: Oct 02 21:37:57 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)

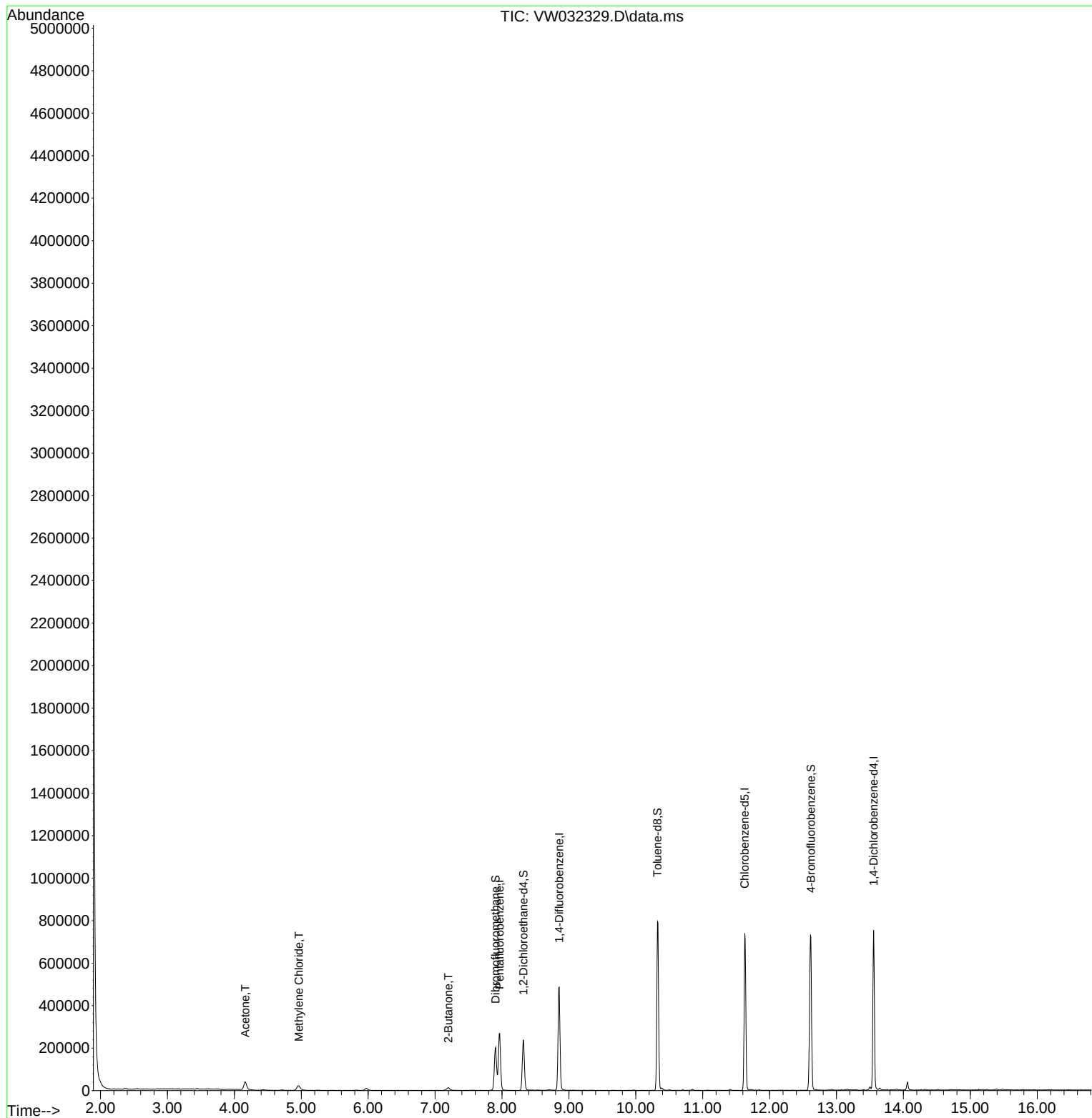
Internal Standards						
1) Pentafluorobenzene	7.965	168	180169	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	409718	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	401656	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	185918	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	194570	74.041	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	= 148.080%		
35) Dibromofluoromethane	7.904	113	149792	56.453	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	= 112.900%		
50) Toluene-d8	10.324	98	535418	54.673	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	= 109.340%		
62) 4-Bromofluorobenzene	12.617	95	200173	54.080	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	= 108.160%		
Target Compounds						
						Qvalue
16) Acetone	4.161	43	68048	93.519	ug/l	96
20) Methylene Chloride	4.966	84	19304	2.987	ug/l	94
25) 2-Butanone	7.197	43	19208	19.382	ug/l	93

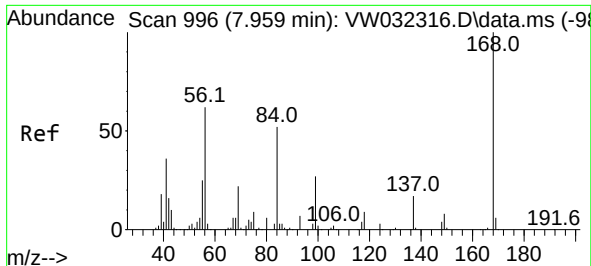
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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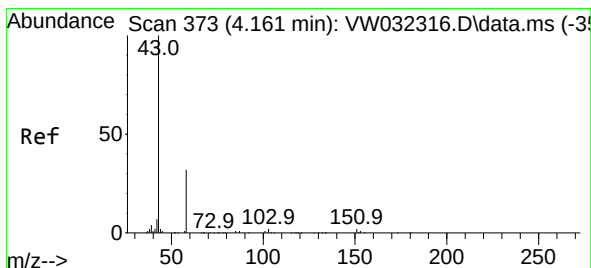
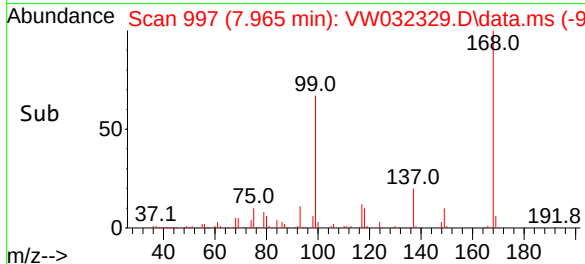
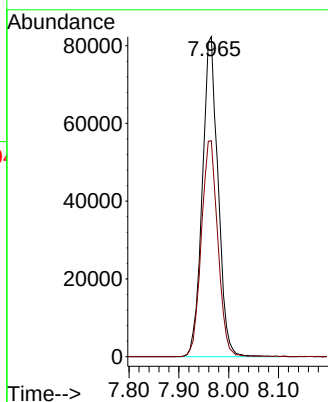
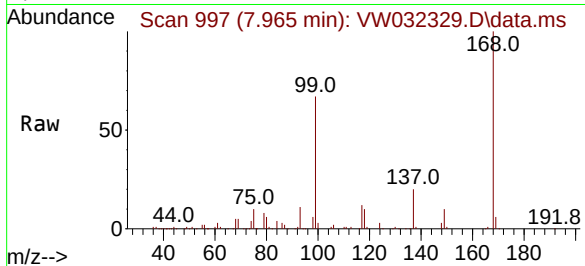




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW032329.D
Acq: 02 Oct 2025 13:57

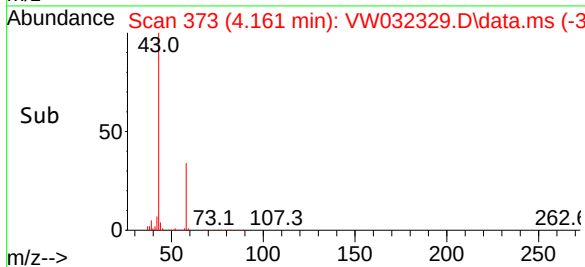
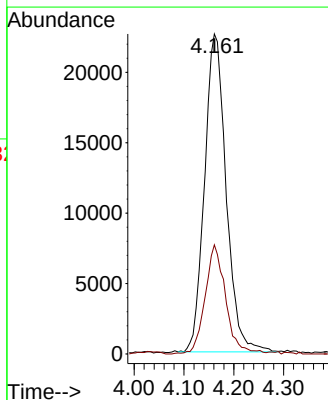
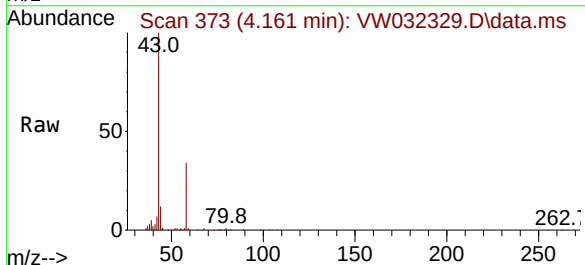
Instrument :
MSVOA_W
ClientSampleId :
ENV-3-6FT

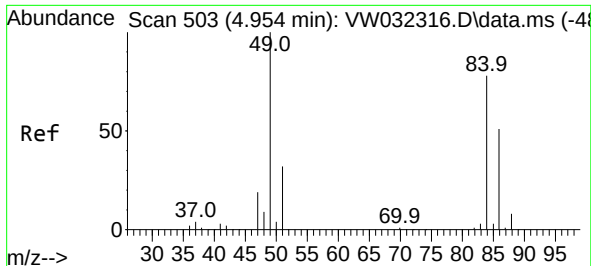
Tgt Ion:168 Resp: 180169
Ion Ratio Lower Upper
168 100
99 67.4 49.3 73.9



#16
Acetone
Concen: 93.519 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.000 min
Lab File: VW032329.D
Acq: 02 Oct 2025 13:57

Tgt Ion: 43 Resp: 68048
Ion Ratio Lower Upper
43 100
58 34.0 25.3 37.9

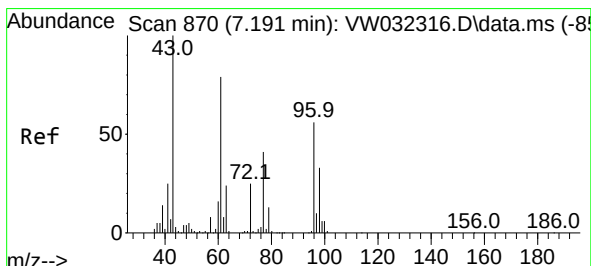
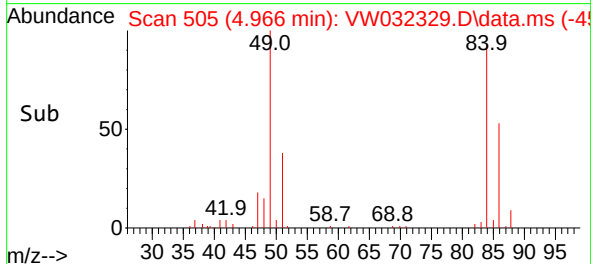
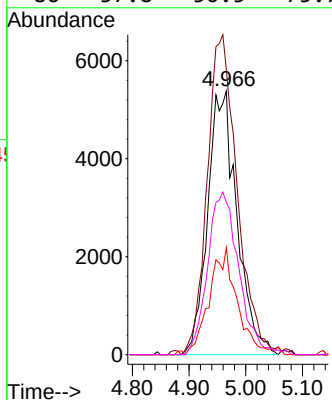
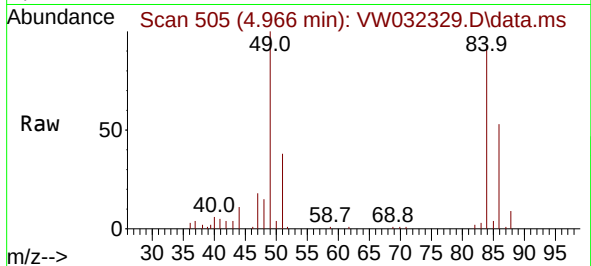




#20
Methylene Chloride
Concen: 2.987 ug/l
RT: 4.966 min Scan# 503
Delta R.T. 0.006 min
Lab File: VW032329.D
Acq: 02 Oct 2025 13:57

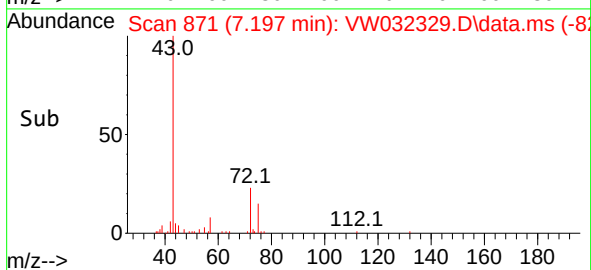
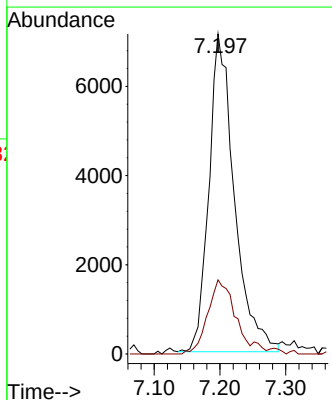
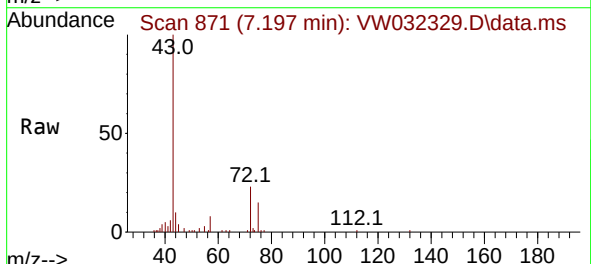
Instrument :
MSVOA_W
ClientSampleId :
ENV-3-6FT

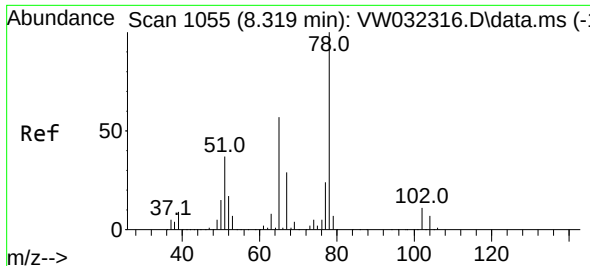
Tgt Ion: 84	Resp: 19304
Ion Ratio	Lower Upper
84 100	
49 106.7	92.2 138.4
51 39.4	31.0 46.6
86 57.8	50.5 75.7



#25
2-Butanone
Concen: 19.382 ug/l
RT: 7.197 min Scan# 871
Delta R.T. 0.006 min
Lab File: VW032329.D
Acq: 02 Oct 2025 13:57

Tgt Ion: 43	Resp: 19208
Ion Ratio	Lower Upper
43 100	
72 23.3	21.4 32.2





#33

1,2-Dichloroethane-d4

Concen: 74.041 ug/l

RT: 8.319 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VW032329.D

Acq: 02 Oct 2025 13:57

Instrument :

MSVOA_W

ClientSampleId :

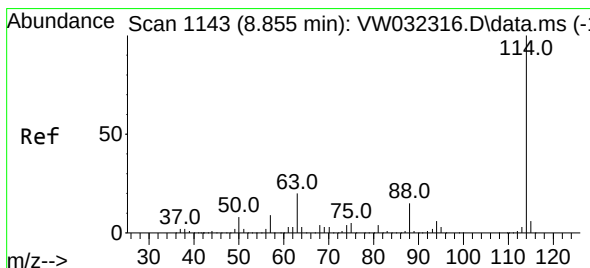
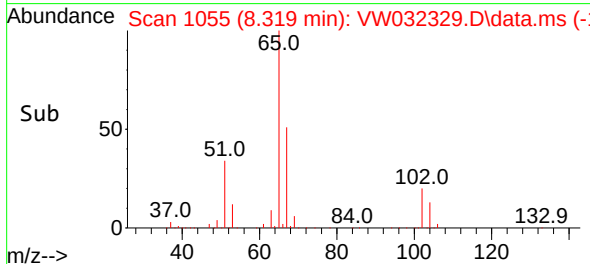
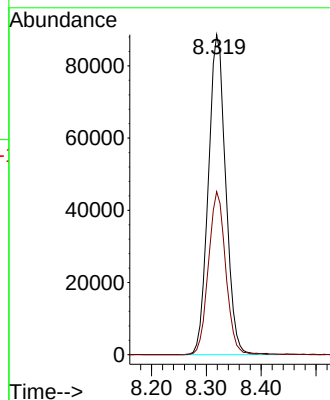
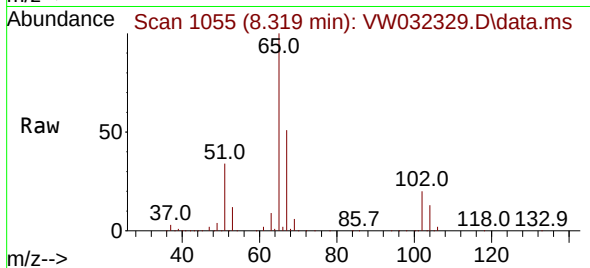
ENV-3-6FT

Tgt Ion: 65 Resp: 194570

Ion Ratio Lower Upper

65 100

67 50.6 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: VW032329.D

Acq: 02 Oct 2025 13:57

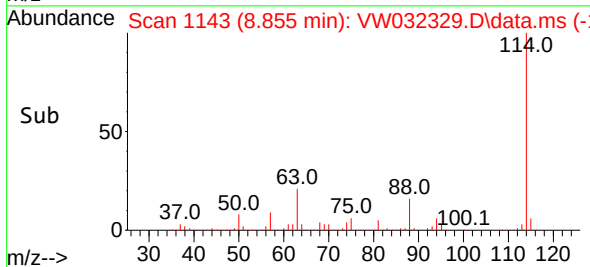
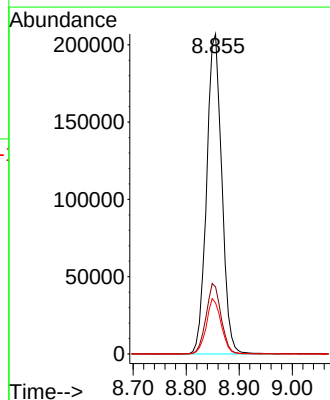
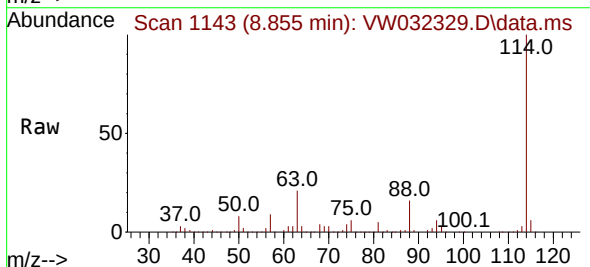
Tgt Ion: 114 Resp: 409718

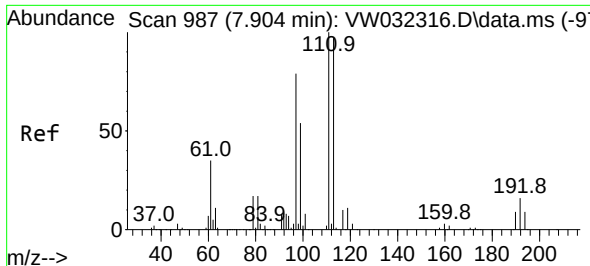
Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.4

88 16.0 0.0 32.0

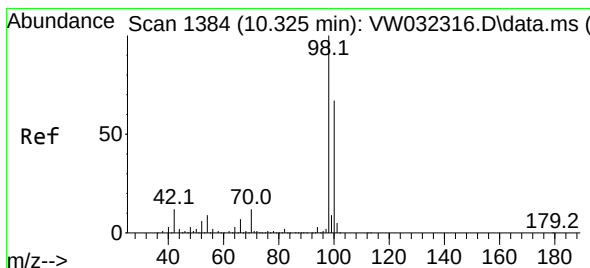
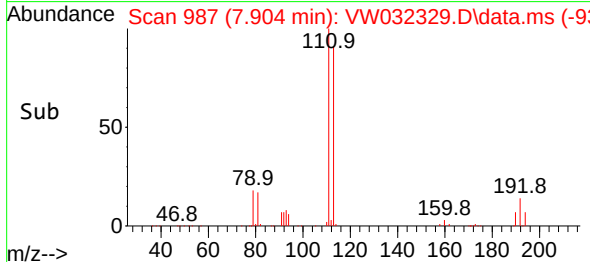
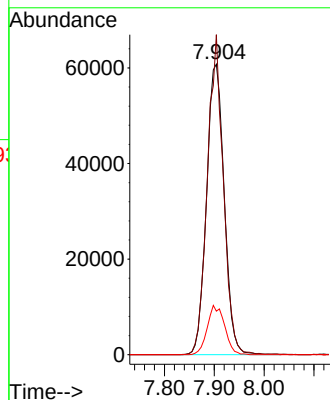
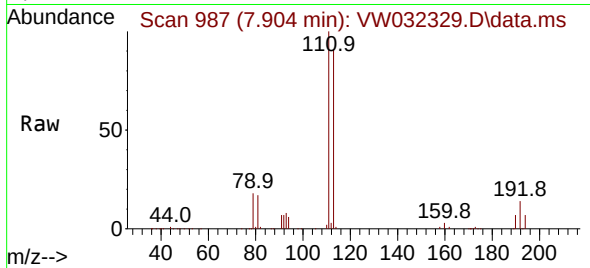




#35
 Dibromofluoromethane
 Concen: 56.453 ug/l
 RT: 7.904 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VW032329.D
 Acq: 02 Oct 2025 13:57

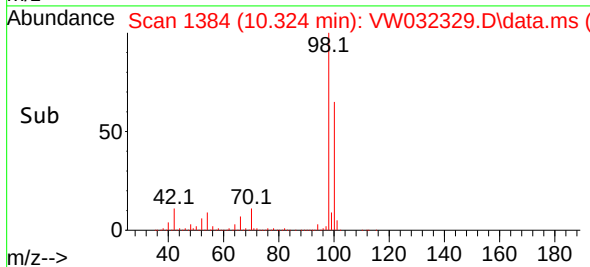
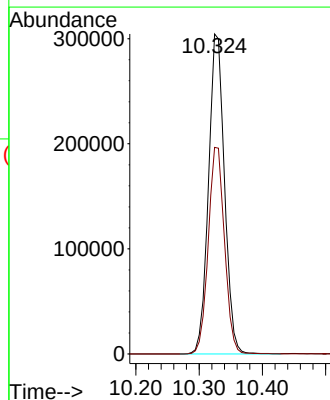
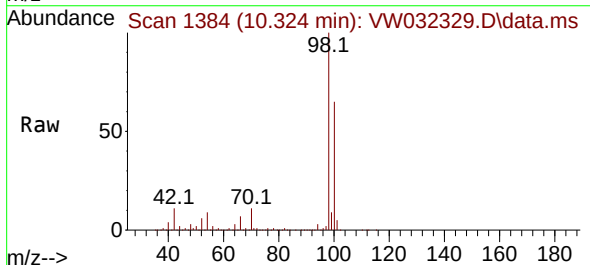
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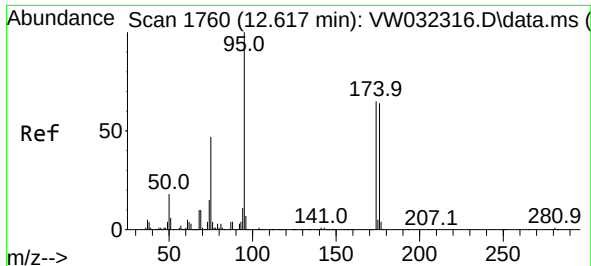
Tgt Ion:113 Resp: 149792
 Ion Ratio Lower Upper
 113 100
 111 99.8 83.9 125.9
 192 16.7 14.6 21.8



#50
 Toluene-d8
 Concen: 54.673 ug/l
 RT: 10.324 min Scan# 1384
 Delta R.T. -0.000 min
 Lab File: VW032329.D
 Acq: 02 Oct 2025 13:57

Tgt Ion: 98 Resp: 535418
 Ion Ratio Lower Upper
 98 100
 100 65.7 51.4 77.2

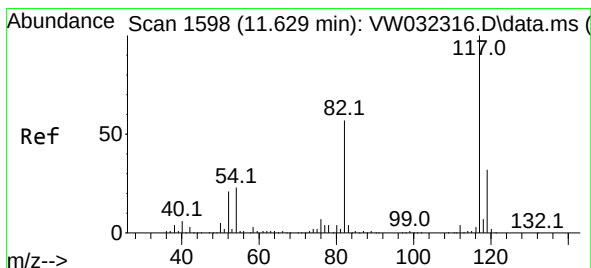
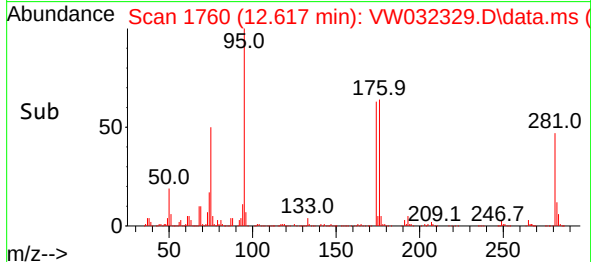
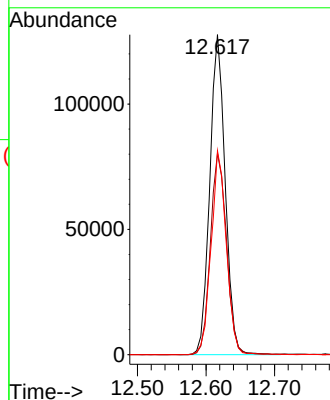
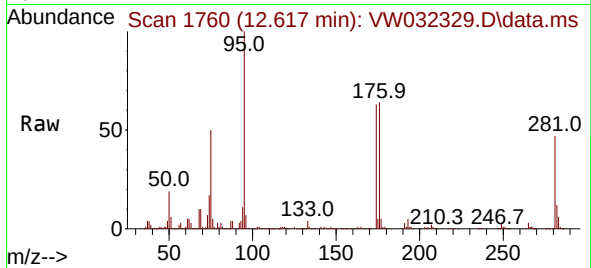




#62
4-Bromofluorobenzene
Concen: 54.080 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032329.D
Acq: 02 Oct 2025 13:57

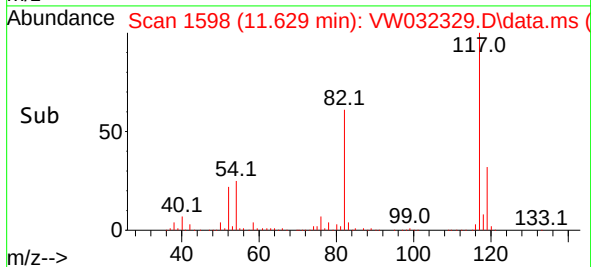
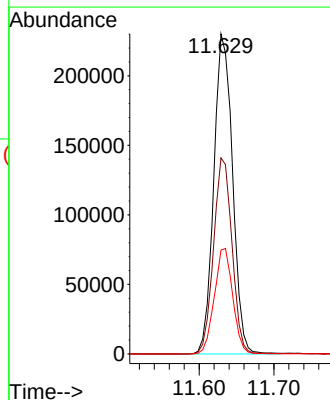
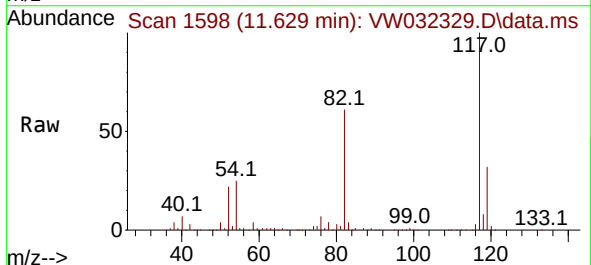
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MSVOA_W
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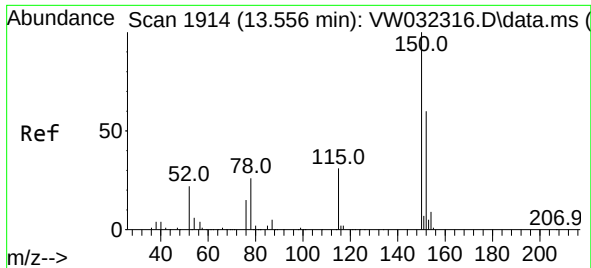
Tgt Ion: 95 Resp: 200173
Ion Ratio Lower Upper
95 100
174 66.0 0.0 145.6
176 62.9 0.0 140.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VW032329.D
Acq: 02 Oct 2025 13:57

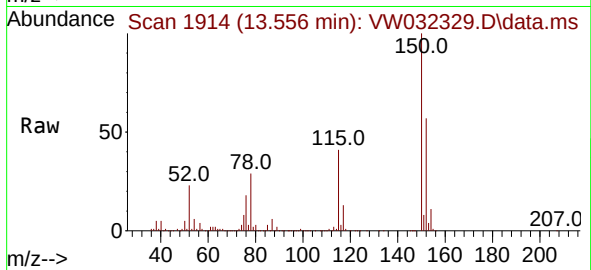
Tgt Ion: 117 Resp: 401656
Ion Ratio Lower Upper
117 100
82 61.3 42.7 64.1
119 32.4 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. -0.000 min
 Lab File: VW032329.D
 Acq: 02 Oct 2025 13:57

Instrument :
 MSVOA_W
 ClientSampleId :
 ENV-3-6FT



Tgt Ion:152 Resp: 185918
 Ion Ratio Lower Upper
 152 100
 115 65.3 31.8 95.4
 150 158.8 0.0 343.0

