

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100225\
 Data File : VW032326.D
 Acq On : 02 Oct 2025 12:51
 Operator : SY/MD
 Sample : Q3150-04RE
 Misc : 5.06g/5mL/MSVOA_W/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 Mid Site Grid 5-7RE

Quant Time: Oct 02 21:36:44 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)

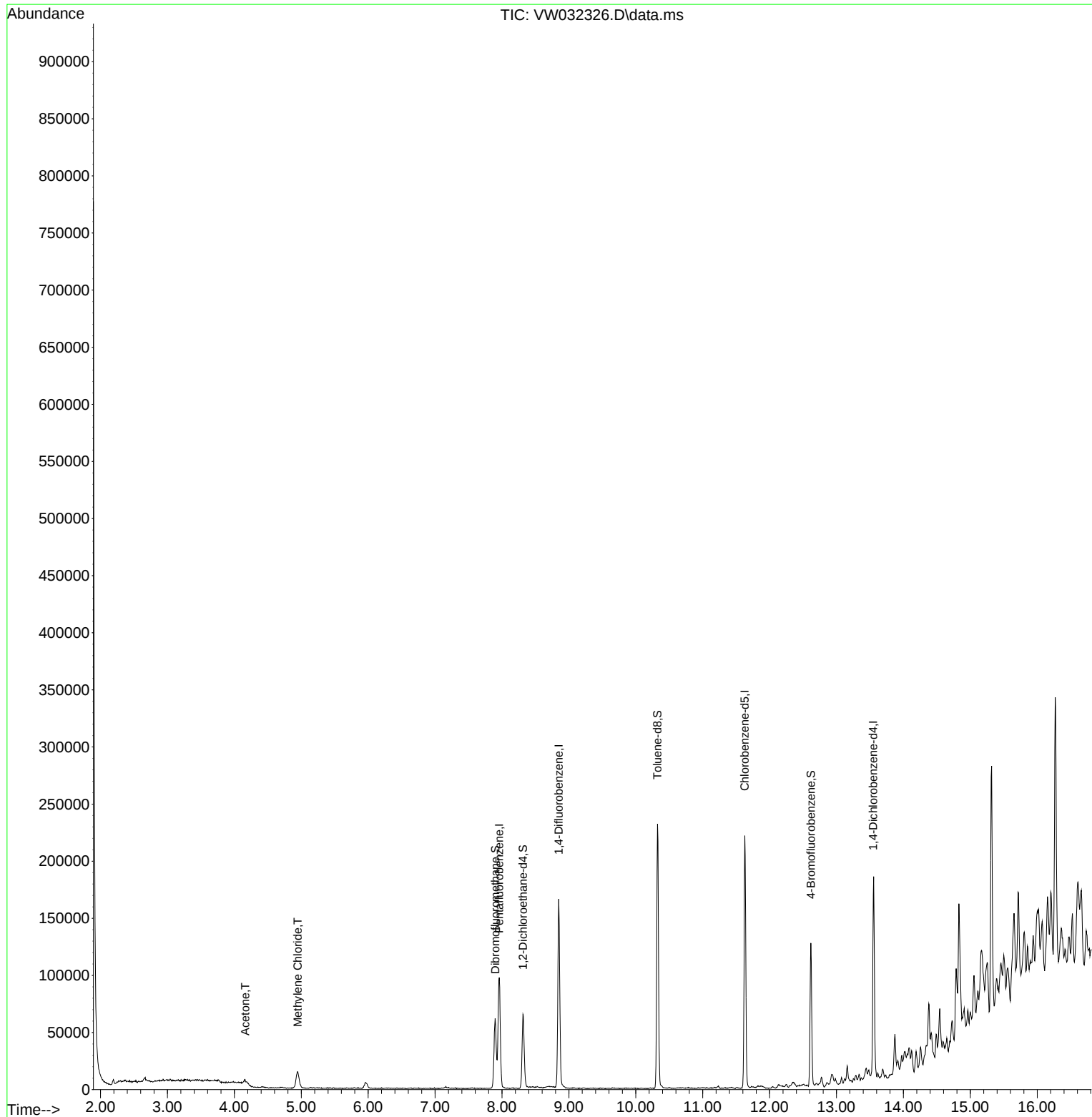
Internal Standards						
1) Pentafluorobenzene	7.959	168	66162	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.849	114	134684	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	117826	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.550	152	44519	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	54450	56.424	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	112.840%
35) Dibromofluoromethane	7.898	113	45823	52.536	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	105.080%
50) Toluene-d8	10.325	98	154597	48.023	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	96.040%
62) 4-Bromofluorobenzene	12.617	95	45641	37.510	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	75.020%
Target Compounds						
						Qvalue
16) Acetone	4.161	43	3830	14.334	ug/l	93
20) Methylene Chloride	4.948	84	11526	8.604	ug/l	92

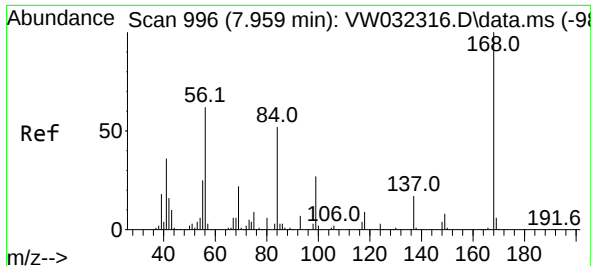
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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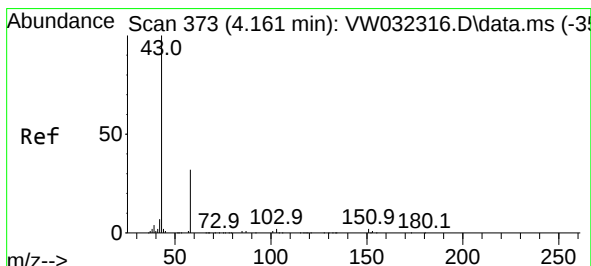
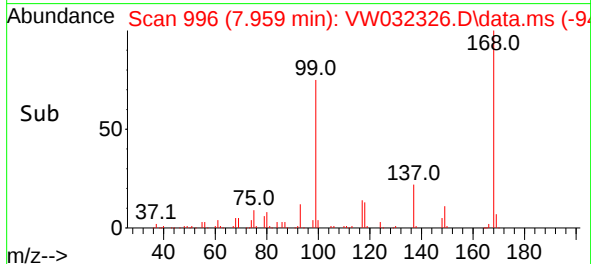
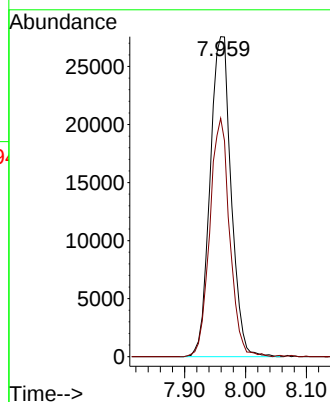
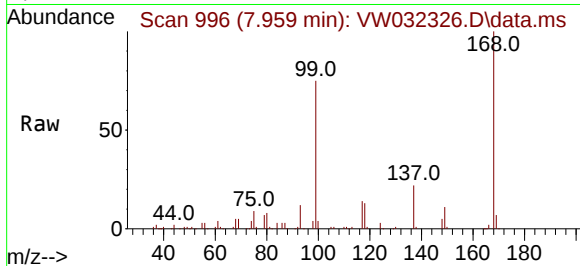




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW032326.D
Acq: 02 Oct 2025 12:51

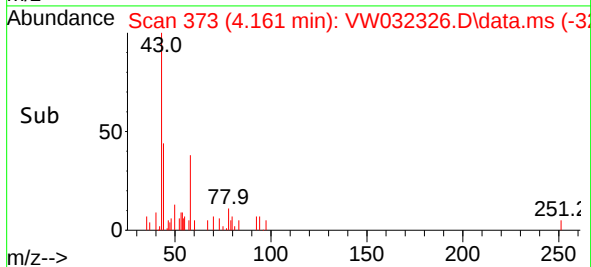
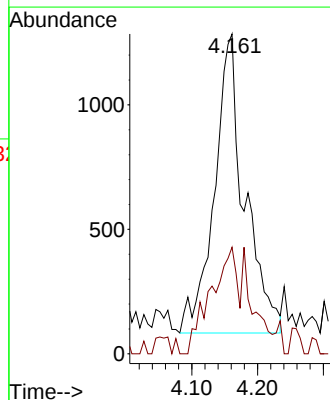
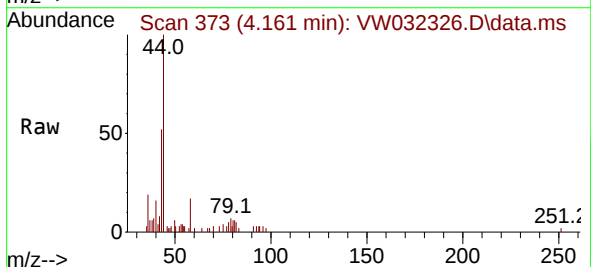
Instrument :
MSVOA_W
ClientSampleId :
Mid Site Grid 5-7RE

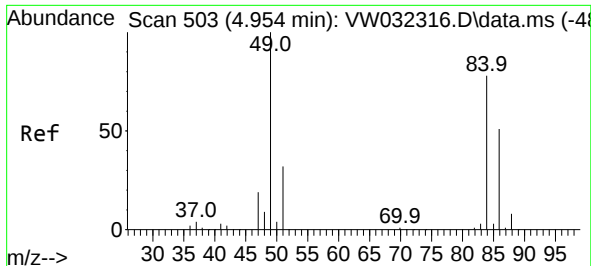
Tgt Ion:168 Resp: 66162
Ion Ratio Lower Upper
168 100
99 74.5 49.3 73.9#



#16
Acetone
Concen: 14.334 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.000 min
Lab File: VW032326.D
Acq: 02 Oct 2025 12:51

Tgt Ion: 43 Resp: 3830
Ion Ratio Lower Upper
43 100
58 35.6 25.3 37.9

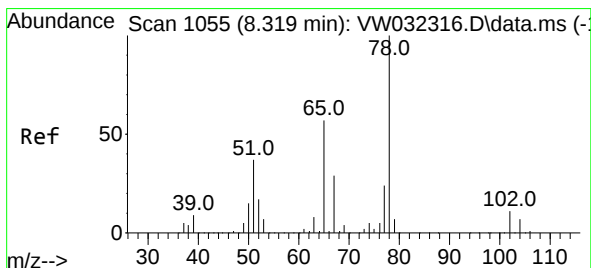
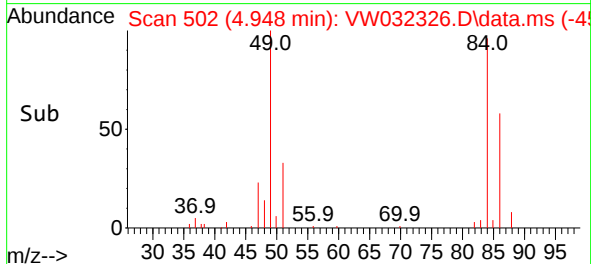
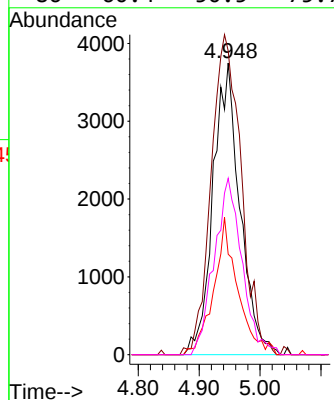
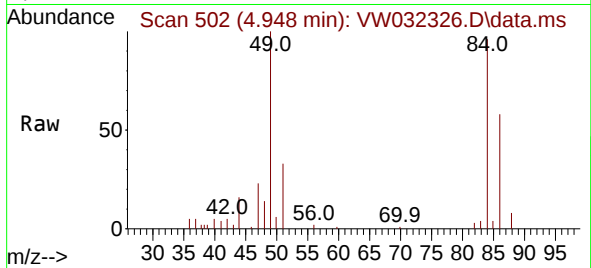




#20
Methylene Chloride
Concen: 8.604 ug/l
RT: 4.948 min Scan# 503
Delta R.T. -0.012 min
Lab File: VW032326.D
Acq: 02 Oct 2025 12:51

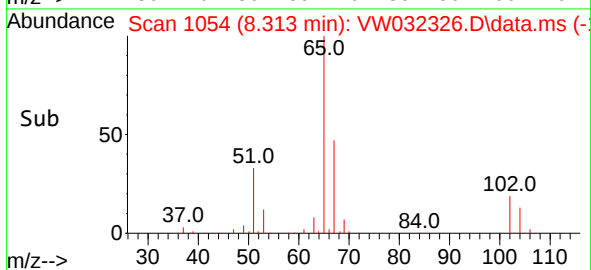
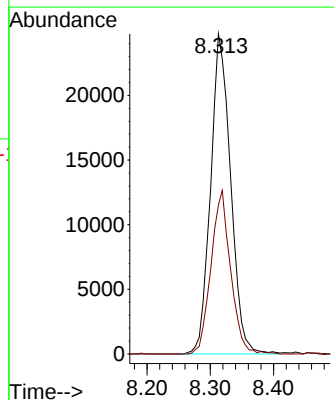
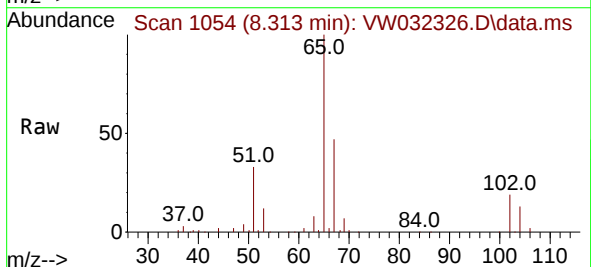
Instrument :
MSVOA_W
ClientSampleId :
Mid Site Grid 5-7RE

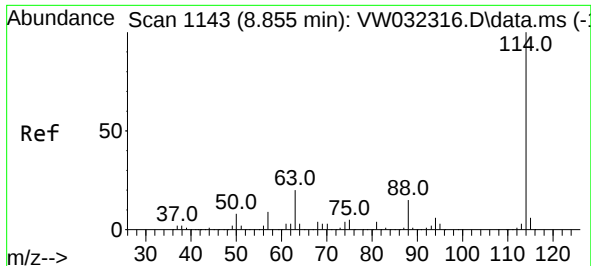
Tgt Ion: 84	Resp: 11526		
Ion	Ratio	Lower	Upper
84	100		
49	104.2	92.2	138.4
51	34.4	31.0	46.6
86	60.4	50.5	75.7



#33
1,2-Dichloroethane-d4
Concen: 56.424 ug/l
RT: 8.313 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VW032326.D
Acq: 02 Oct 2025 12:51

Tgt Ion: 65	Resp: 54450		
Ion	Ratio	Lower	Upper
65	100		
67	49.9	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: VW032326.D

Acq: 02 Oct 2025 12:51

Instrument :

MSVOA_W

ClientSampleId :

Mid Site Grid 5-7RE

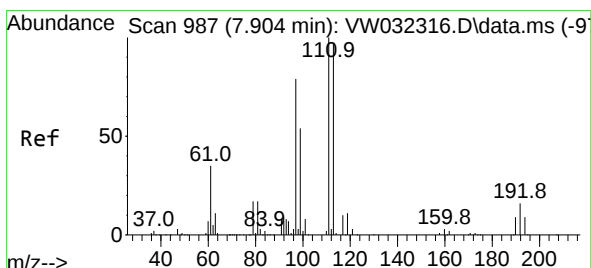
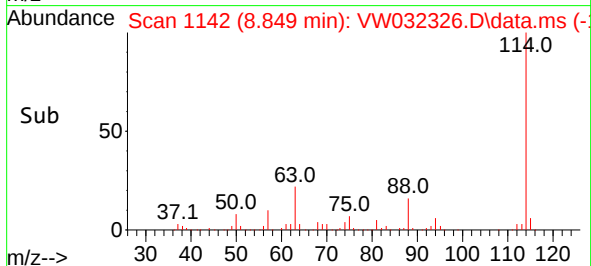
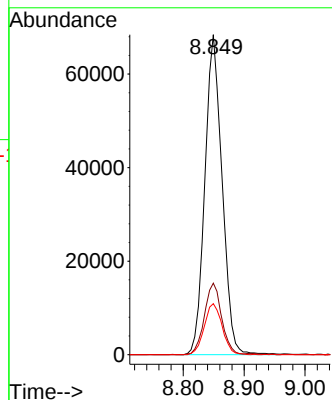
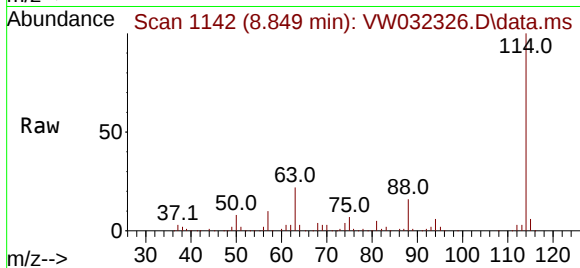
Tgt Ion:114 Resp: 134684

Ion Ratio Lower Upper

114 100

63 22.4 0.0 40.4

88 16.0 0.0 32.0



#35

Dibromofluoromethane

Concen: 52.536 ug/l

RT: 7.898 min Scan# 986

Delta R.T. -0.006 min

Lab File: VW032326.D

Acq: 02 Oct 2025 12:51

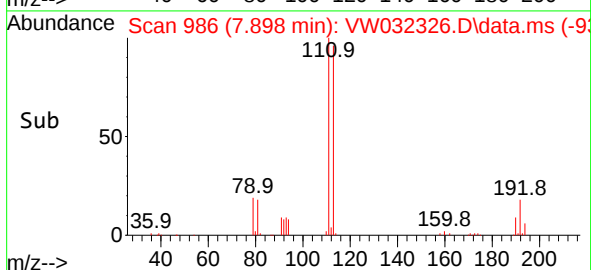
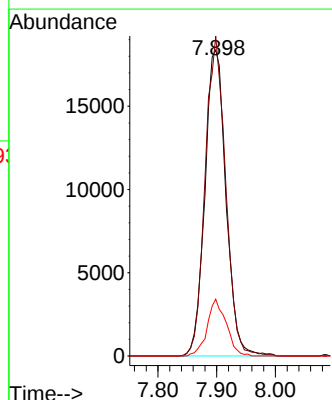
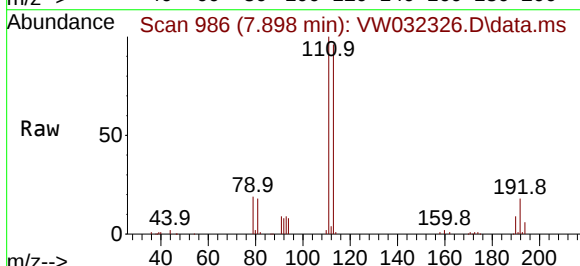
Tgt Ion:113 Resp: 45823

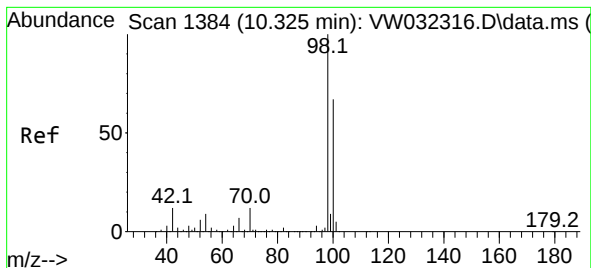
Ion Ratio Lower Upper

113 100

111 101.3 83.9 125.9

192 16.8 14.6 21.8

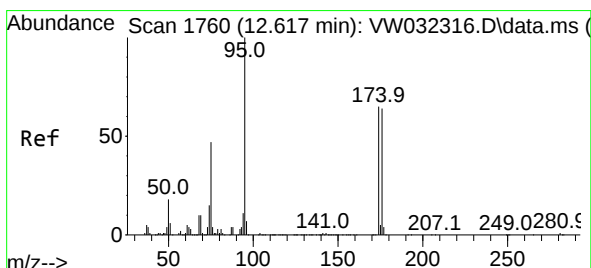
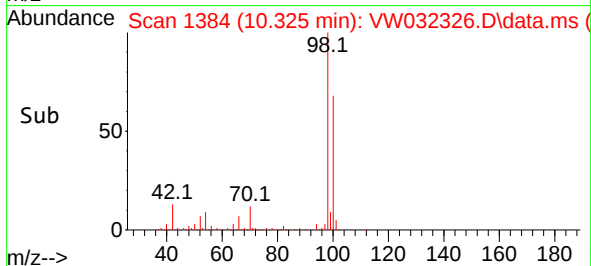
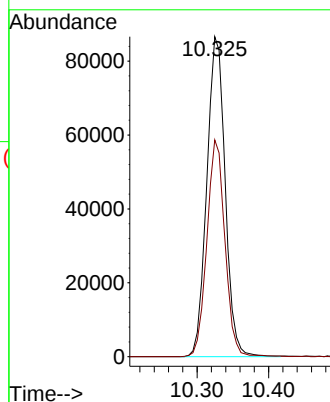
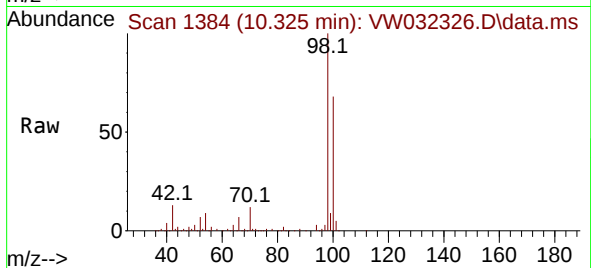




#50
Toluene-d8
Concen: 48.023 ug/l
RT: 10.325 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032326.D
Acq: 02 Oct 2025 12:51

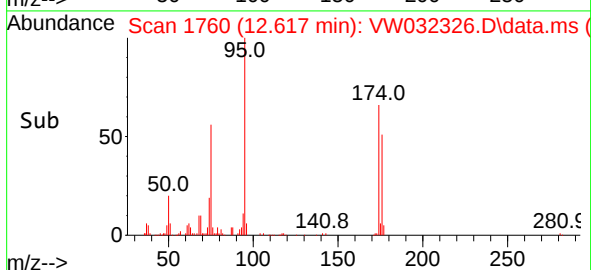
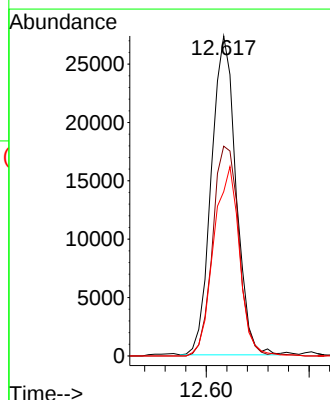
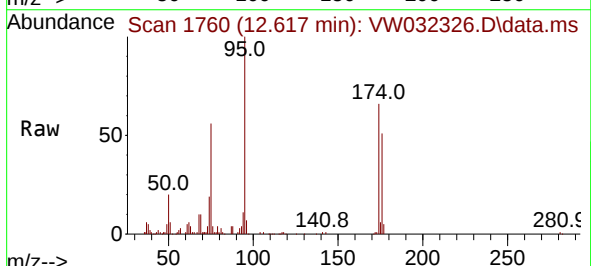
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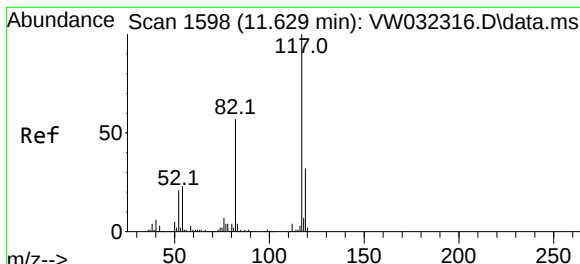
Tgt Ion: 98 Resp: 154597
Ion Ratio Lower Upper
98 100
100 66.5 51.4 77.2



#62
4-Bromofluorobenzene
Concen: 37.510 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032326.D
Acq: 02 Oct 2025 12:51

Tgt Ion: 95 Resp: 45641
Ion Ratio Lower Upper
95 100
174 69.9 0.0 145.6
176 62.1 0.0 140.8

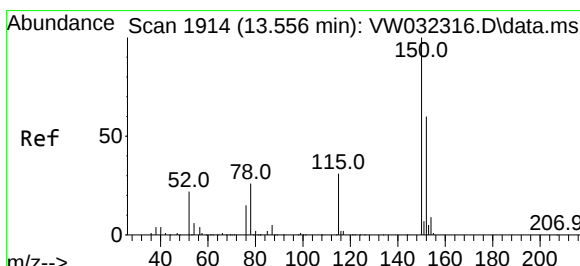
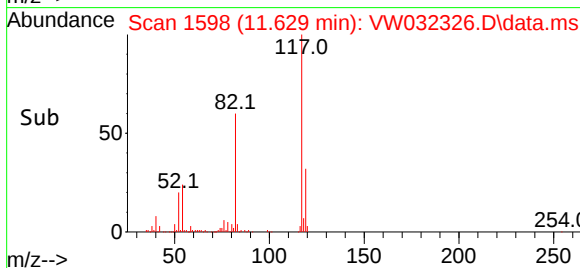
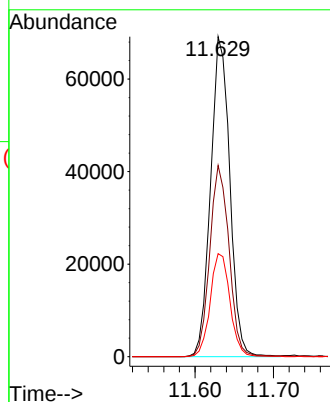
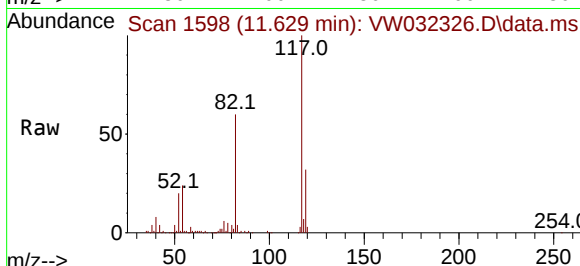




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032326.D
Acq: 02 Oct 2025 12:51

Instrument :
MSVOA_W
ClientSampleId :
Mid Site Grid 5-7RE

Tgt Ion:	117	Resp:	117826
Ion	Ratio	Lower	Upper
117	100		
82	59.7	42.7	64.1
119	32.2	25.2	37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.550 min Scan# 1913
Delta R.T. -0.006 min
Lab File: VW032326.D
Acq: 02 Oct 2025 12:51

Tgt Ion:	152	Resp:	44519
Ion	Ratio	Lower	Upper
152	100		
115	63.7	31.8	95.4
150	159.0	0.0	343.0

