

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081125\
 Data File : VW032065.D
 Acq On : 11 Aug 2025 14:44
 Operator : SY/MD
 Sample : Q2807-03
 Misc : 5.54g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 COMP-6

Quant Time: Aug 12 04:25:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W081125S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 12 04:04:48 2025
 Response via : Initial Calibration

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

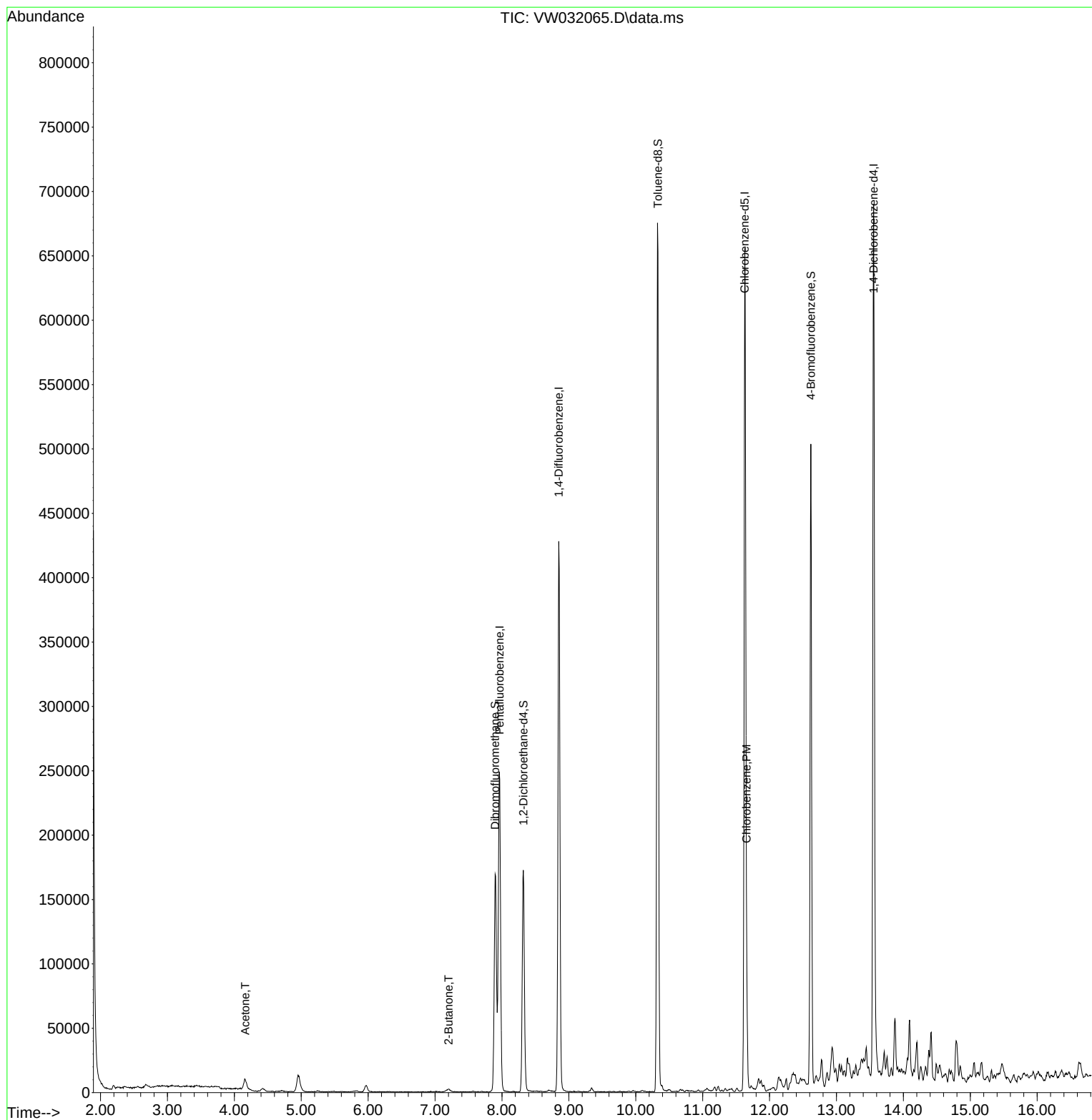
Internal Standards						
1) Pentafluorobenzene	7.965	168	171327	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	362068	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	358834	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	176343	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	141980	57.299	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	=	114.600%	
35) Dibromofluoromethane	7.898	113	125202	53.526	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	=	107.060%	
50) Toluene-d8	10.331	98	458928	53.045	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	=	106.100%	
62) 4-Bromofluorobenzene	12.617	95	178940	56.125	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	=	112.240%	
Target Compounds						
						Qvalue
16) Acetone	4.161	43	14815	25.824	ug/l	98
25) 2-Butanone	7.203	43	3528	4.327	ug/l	99
65) Chlorobenzene	11.654	112	35454	4.539	ug/l	98

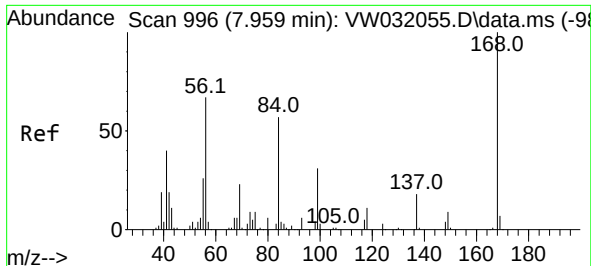
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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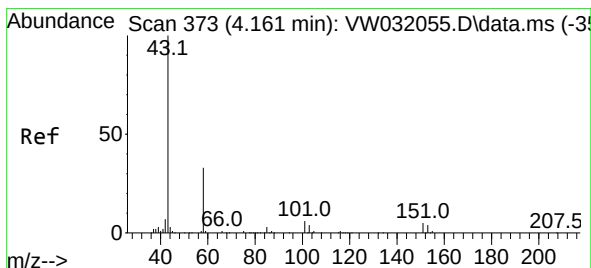
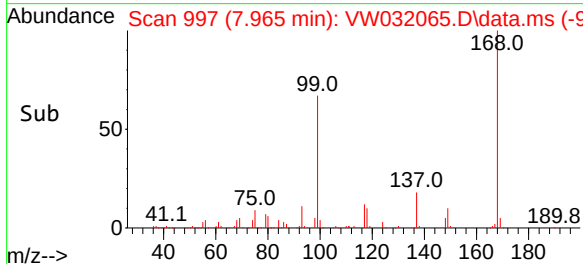
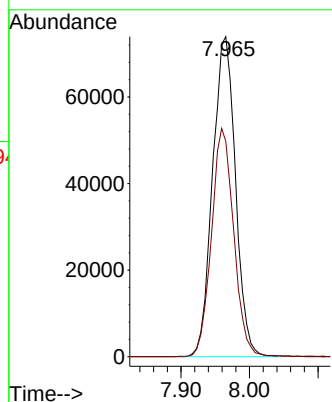
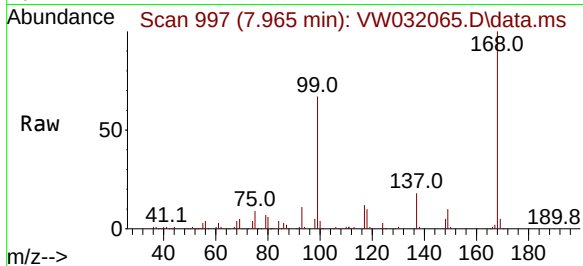




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 996
Delta R.T. 0.006 min
Lab File: VW032065.D
Acq: 11 Aug 2025 14:44

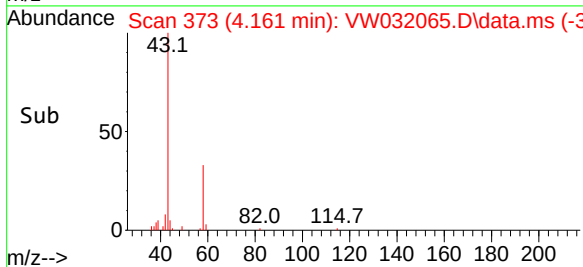
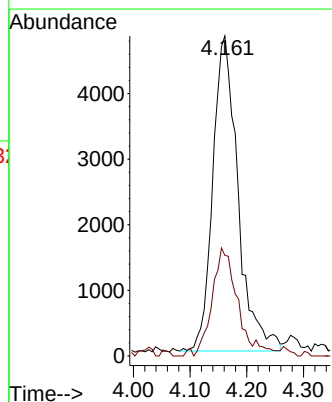
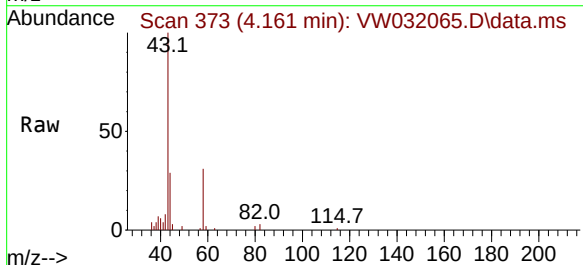
Instrument :
MSVOA_W
ClientSampleId :
COMP-6

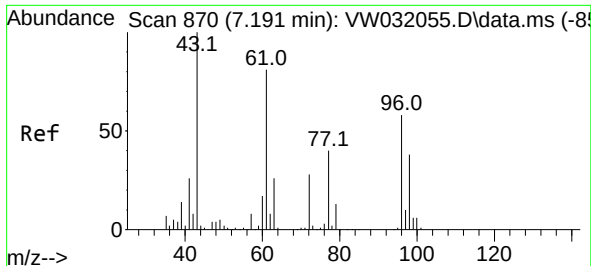
Tgt Ion:168 Resp: 171327
Ion Ratio Lower Upper
168 100
99 67.1 56.0 84.0



#16
Acetone
Concen: 25.824 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.000 min
Lab File: VW032065.D
Acq: 11 Aug 2025 14:44

Tgt Ion: 43 Resp: 14815
Ion Ratio Lower Upper
43 100
58 32.0 26.6 39.8

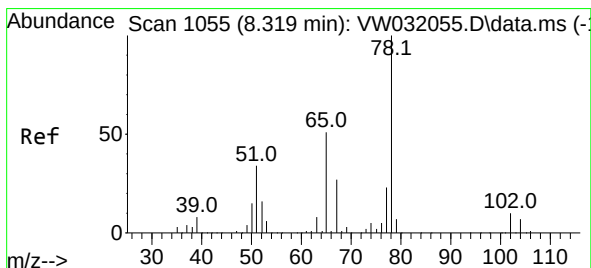
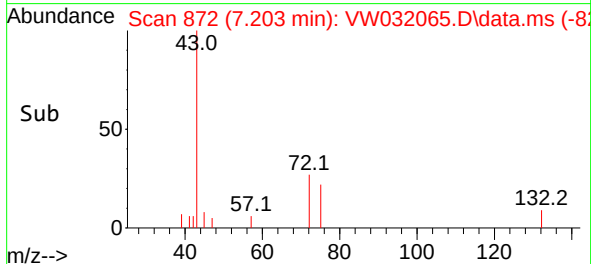
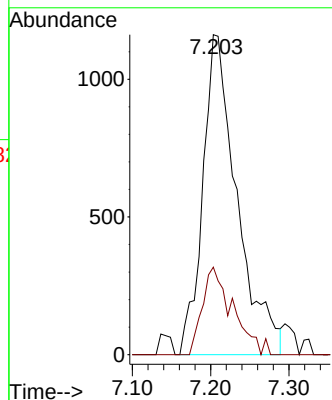
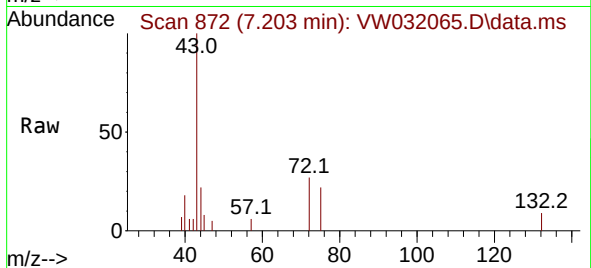




#25
2-Butanone
Concen: 4.327 ug/l
RT: 7.203 min Scan# 81
Delta R.T. 0.012 min
Lab File: VW032065.D
Acq: 11 Aug 2025 14:44

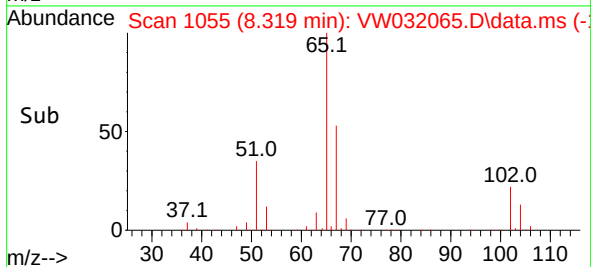
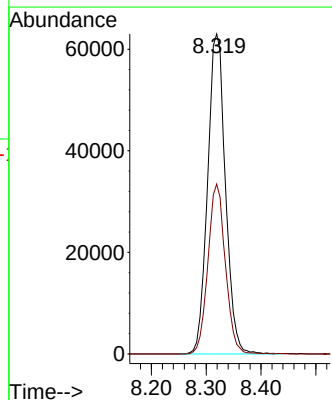
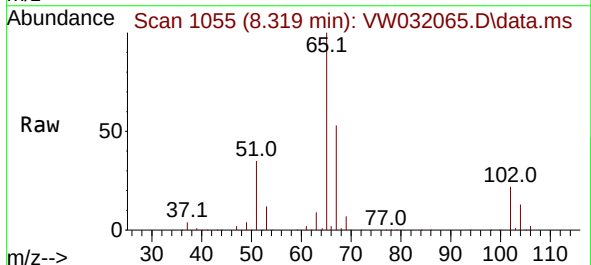
Instrument :
MSVOA_W
ClientSampleId :
COMP-6

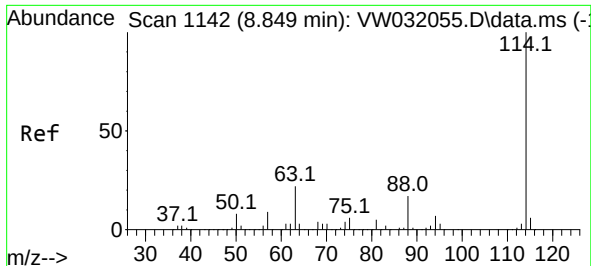
Tgt Ion: 43 Resp: 3528
Ion Ratio Lower Upper
43 100
72 27.4 22.3 33.5



#33
1,2-Dichloroethane-d4
Concen: 57.299 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW032065.D
Acq: 11 Aug 2025 14:44

Tgt Ion: 65 Resp: 141980
Ion Ratio Lower Upper
65 100
67 51.8 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.849 min Scan# 1142

Delta R.T. 0.000 min

Lab File: VW032065.D

Acq: 11 Aug 2025 14:44

Instrument :

MSVOA_W

ClientSampleId :

COMP-6

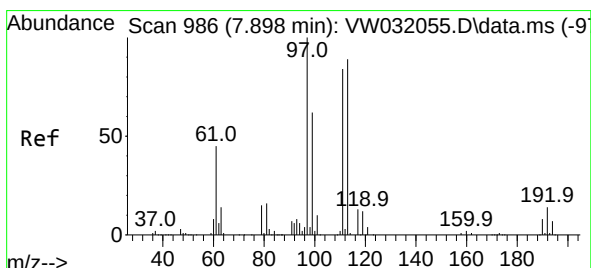
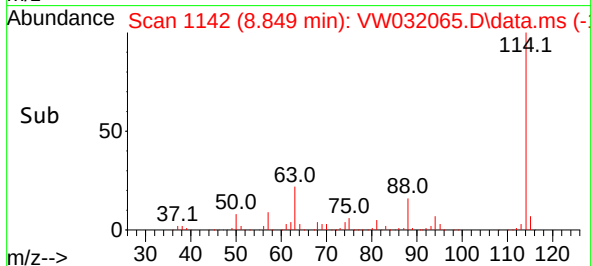
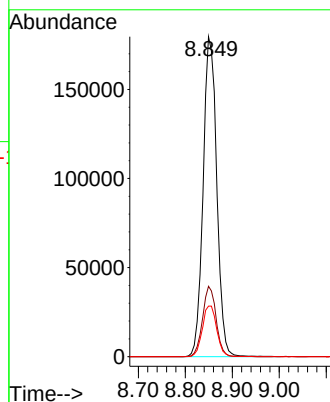
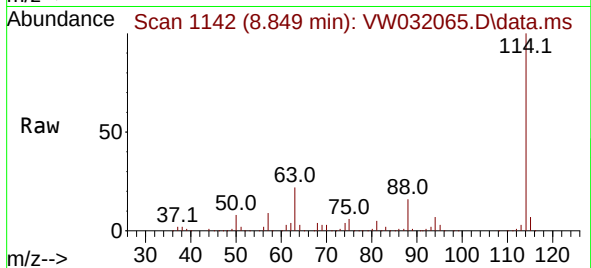
Tgt Ion:114 Resp: 362068

Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.0

88 15.8 0.0 33.8



#35

Dibromofluoromethane

Concen: 53.526 ug/l

RT: 7.898 min Scan# 986

Delta R.T. 0.000 min

Lab File: VW032065.D

Acq: 11 Aug 2025 14:44

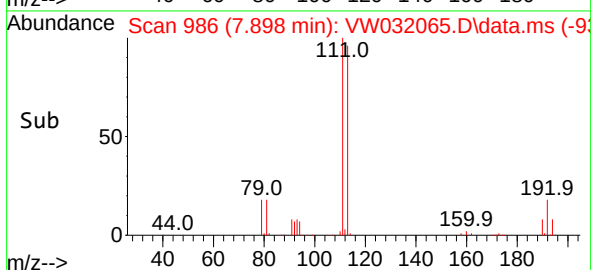
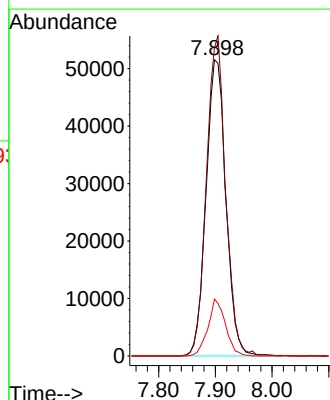
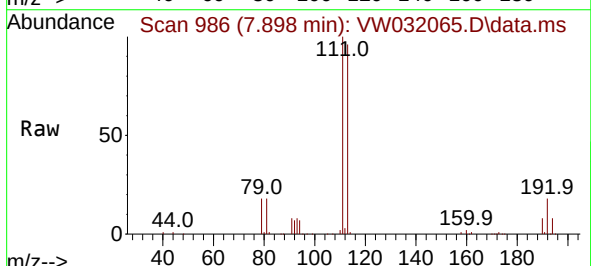
Tgt Ion:113 Resp: 125202

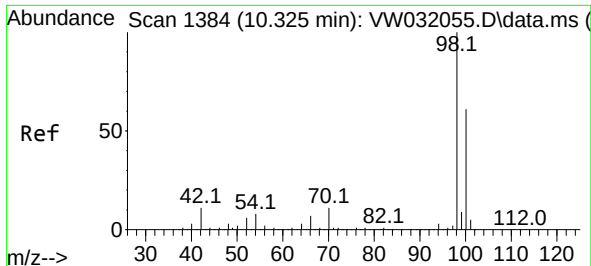
Ion Ratio Lower Upper

113 100

111 104.6 80.1 120.1

192 17.0 13.1 19.7

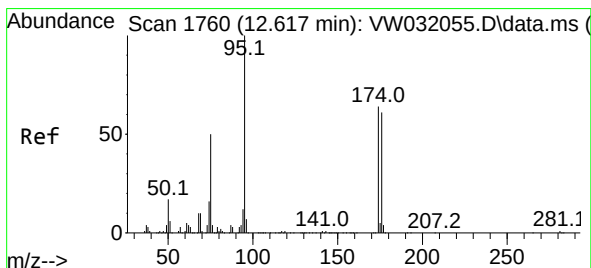
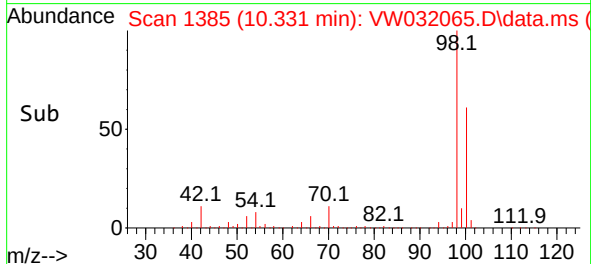
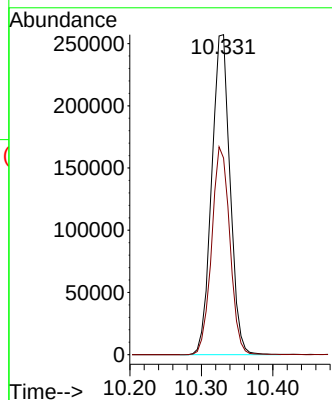
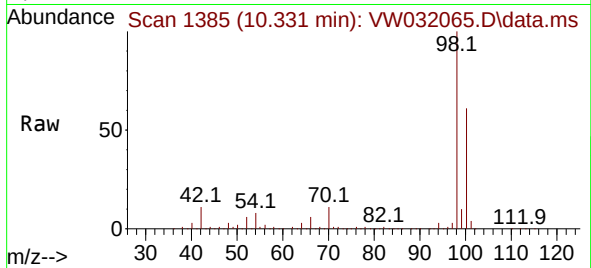




#50
Toluene-d8
Concen: 53.045 ug/l
RT: 10.331 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032065.D
Acq: 11 Aug 2025 14:44

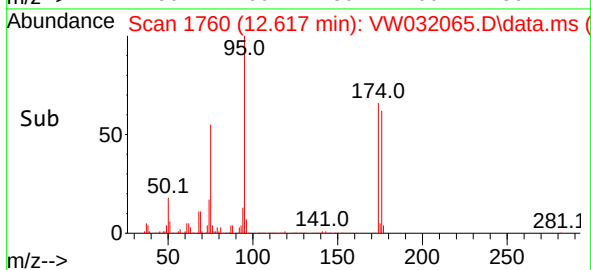
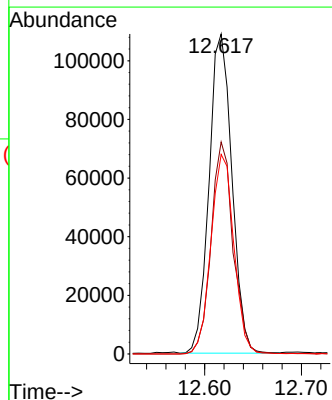
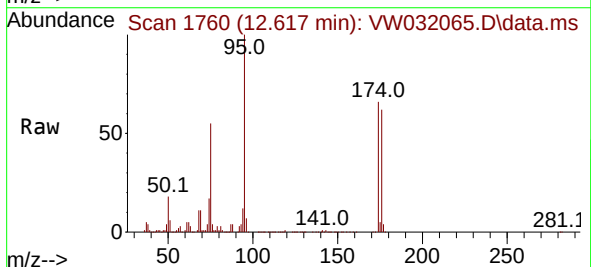
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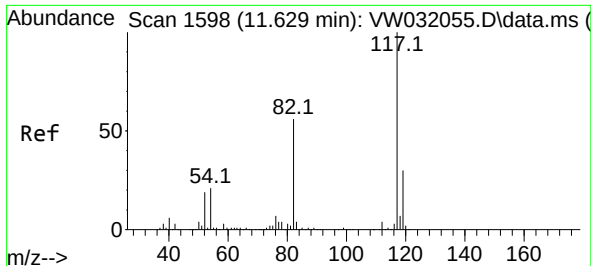
Tgt Ion: 98 Resp: 458928
Ion Ratio Lower Upper
98 100
100 64.2 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 56.125 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032065.D
Acq: 11 Aug 2025 14:44

Tgt Ion: 95 Resp: 178940
Ion Ratio Lower Upper
95 100
174 64.4 0.0 129.0
176 62.9 0.0 124.6

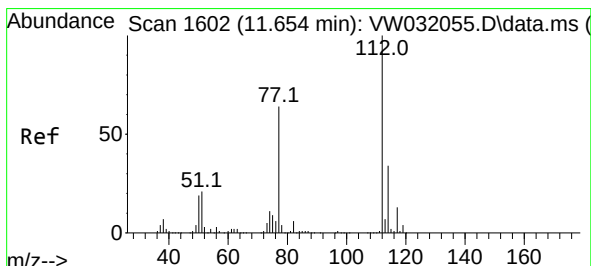
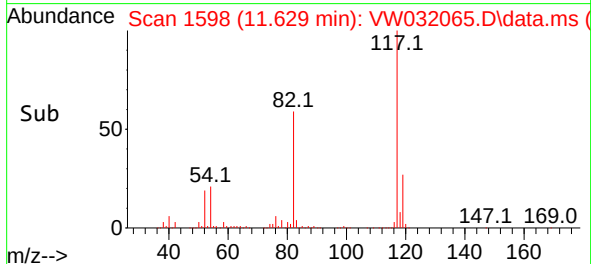
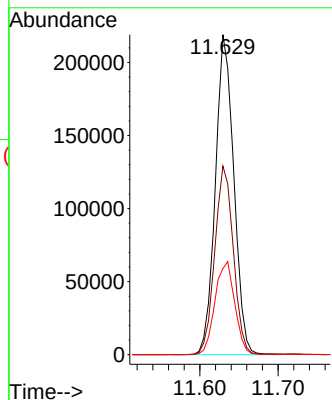
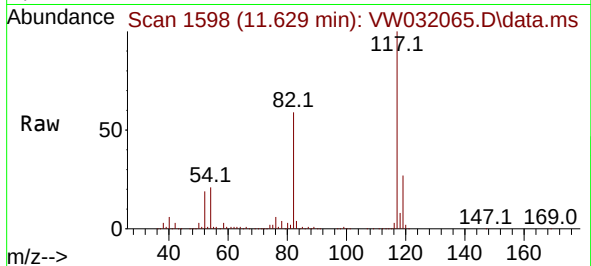




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1159
Delta R.T. 0.000 min
Lab File: VW032065.D
Acq: 11 Aug 2025 14:44

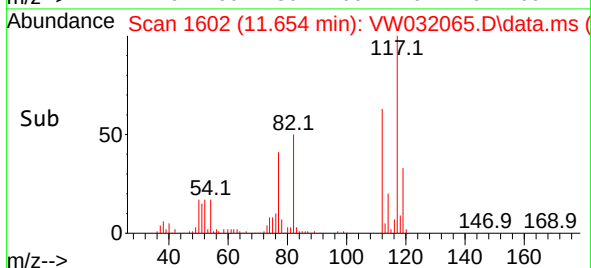
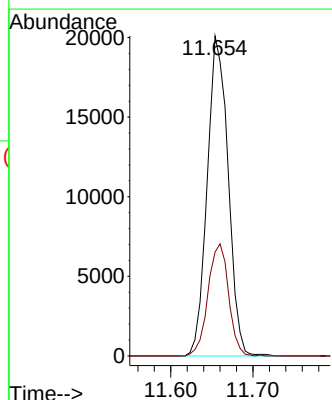
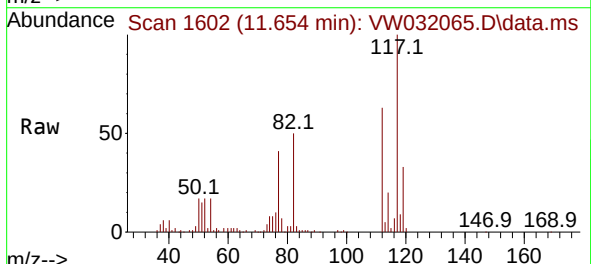
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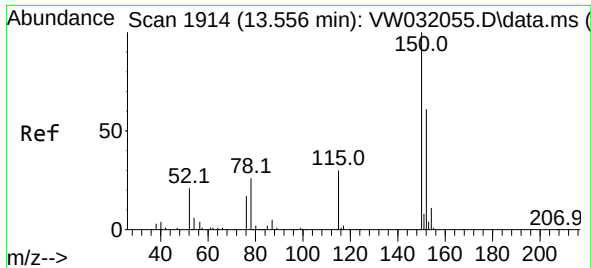
Tgt Ion:117 Resp: 358834
Ion Ratio Lower Upper
117 100
82 58.9 45.0 67.4
119 26.9 24.2 36.4



#65
Chlorobenzene
Concen: 4.539 ug/l
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW032065.D
Acq: 11 Aug 2025 14:44

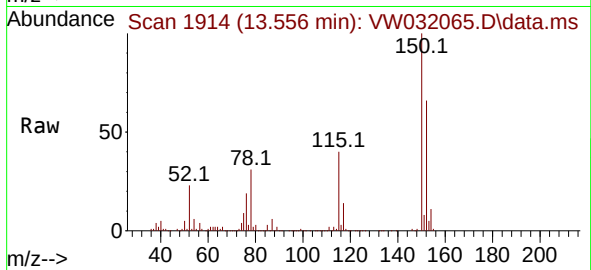
Tgt Ion:112 Resp: 35454
Ion Ratio Lower Upper
112 100
114 32.5 26.9 40.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. 0.000 min
 Lab File: VW032065.D
 Acq: 11 Aug 2025 14:44

Instrument :
 MSVOA_W
 ClientSampleId :
 COMP-6



Tgt Ion:152 Resp: 176343
 Ion Ratio Lower Upper
 152 100
 115 63.9 32.6 97.8
 150 155.2 0.0 359.4

