

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080425\
 Data File : VW031999.D
 Acq On : 04 Aug 2025 14:18
 Operator : SY/MD
 Sample : Q2759-01
 Misc : 3.27g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SOLID-DRUMS

Quant Time: Aug 05 01:19:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 23 08:18:46 2025
 Response via : Initial Calibration

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

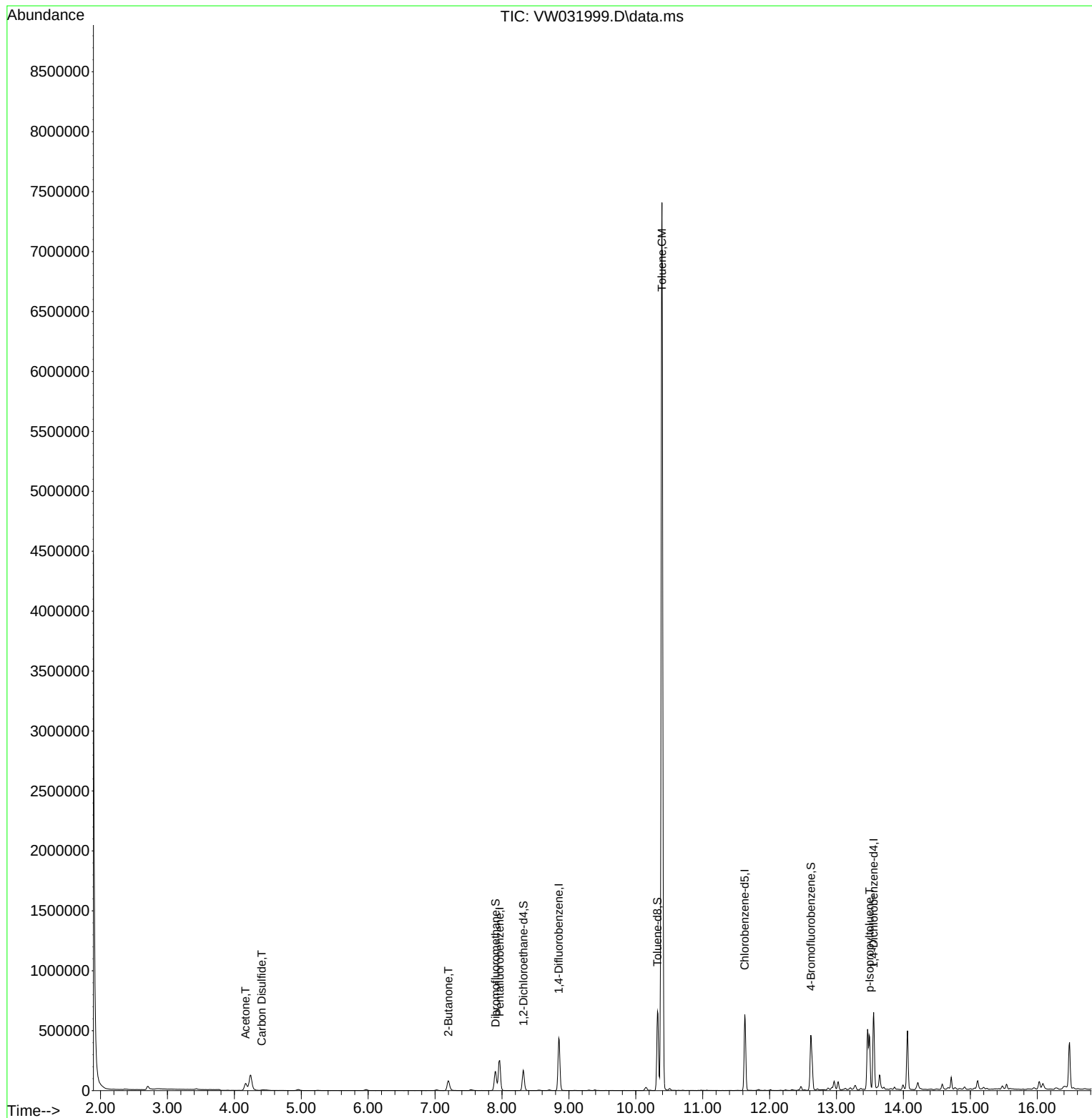
Internal Standards						
1) Pentafluorobenzene	7.965	168	176273	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.849	114	370443	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	343218	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	165229	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	136690	51.261	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	= 102.520%		
35) Dibromofluoromethane	7.904	113	119444	47.451	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	= 94.900%		
50) Toluene-d8	10.325	98	453129	47.563	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	= 95.120%		
62) 4-Bromofluorobenzene	12.617	95	157793	43.135	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	= 86.260%		
Target Compounds						
						Qvalue
16) Acetone	4.167	43	117570	185.804	ug/l	95
17) Carbon Disulfide	4.411	76	10744	1.763	ug/l	# 92
25) 2-Butanone	7.197	43	142016	164.036	ug/l	99
52) Toluene	10.392	92	3242246	440.748	ug/l	98
86) p-Isopropyltoluene	13.495	119	251310	19.768	ug/l	88

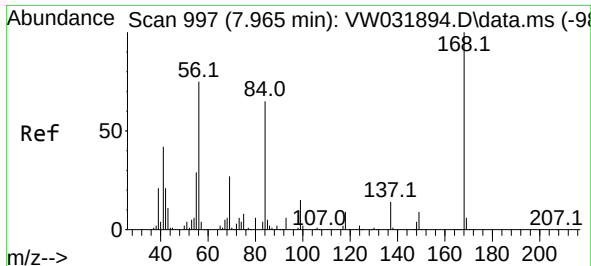
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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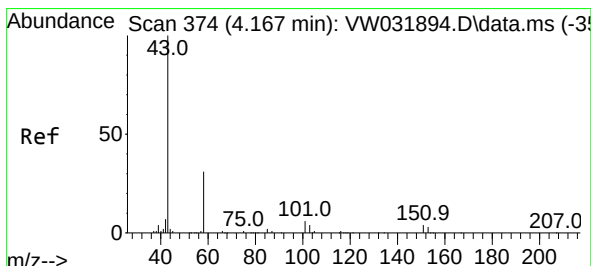
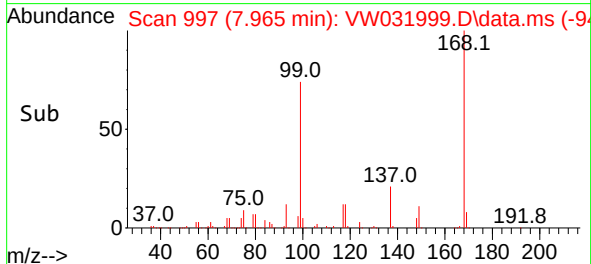
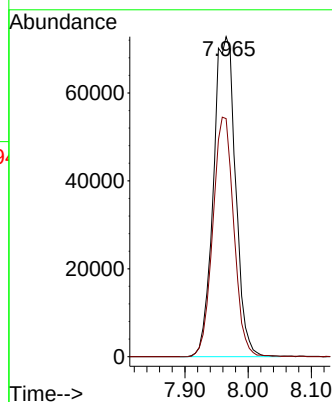
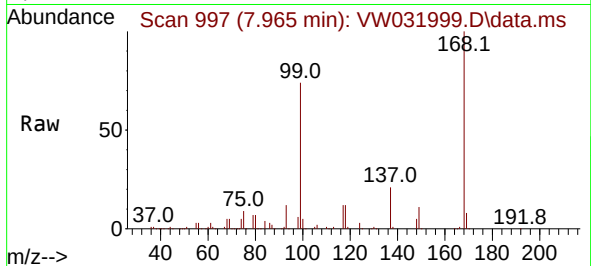




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 99
Delta R.T. 0.000 min
Lab File: VW031999.D
Acq: 04 Aug 2025 14:18

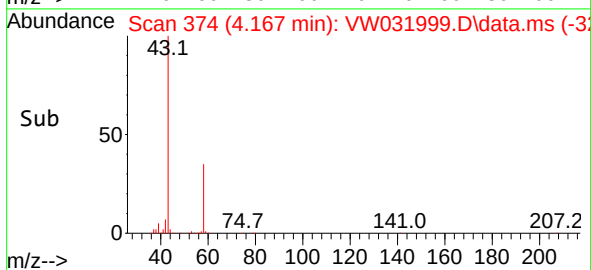
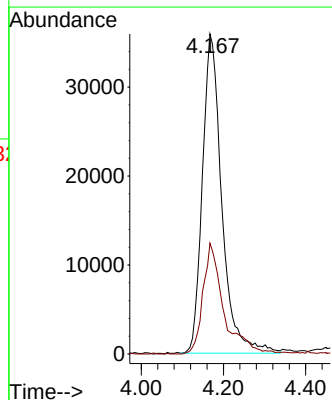
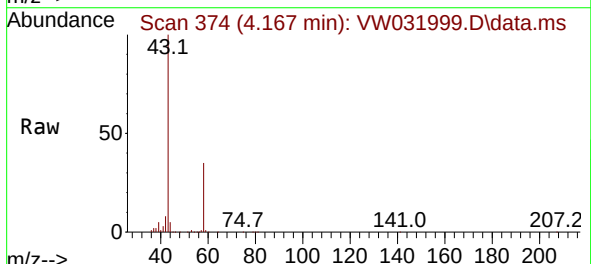
Instrument :
MSVOA_W
ClientSampleId :
SOLID-DRUMS

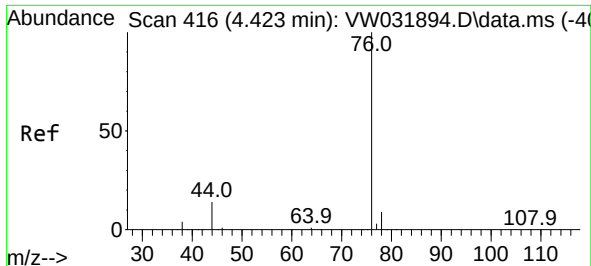
Tgt Ion:168 Resp: 176273
Ion Ratio Lower Upper
168 100
99 74.4 48.2 72.2#



#16
Acetone
Concen: 185.804 ug/l
RT: 4.167 min Scan# 374
Delta R.T. 0.000 min
Lab File: VW031999.D
Acq: 04 Aug 2025 14:18

Tgt Ion: 43 Resp: 117570
Ion Ratio Lower Upper
43 100
58 34.7 25.5 38.3

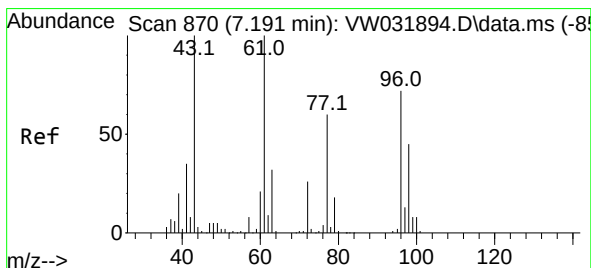
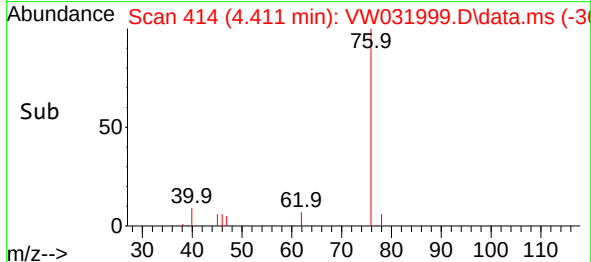
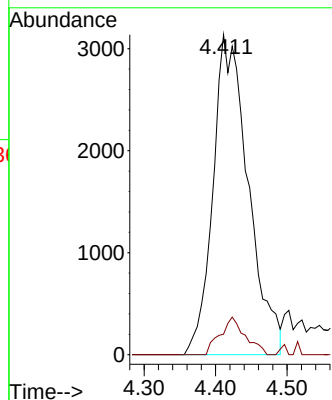
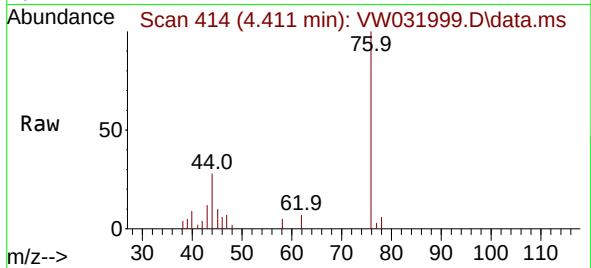




#17
Carbon Disulfide
Concen: 1.763 ug/l
RT: 4.411 min Scan# 416
Delta R.T. -0.012 min
Lab File: VW031999.D
Acq: 04 Aug 2025 14:18

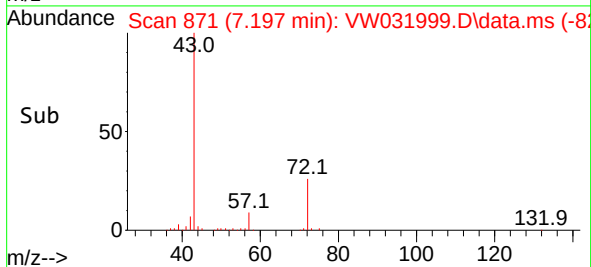
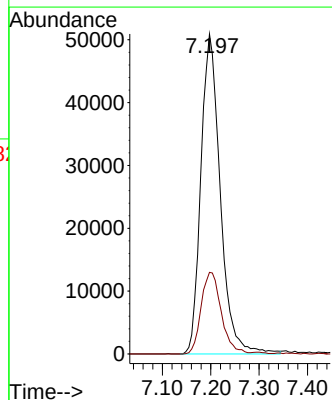
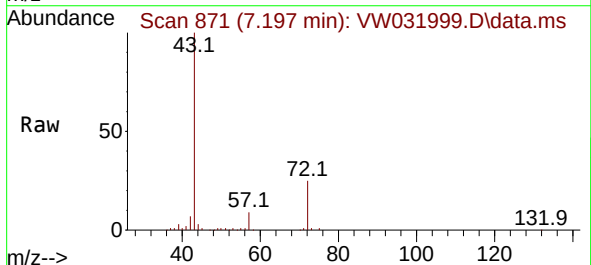
Instrument :
MSVOA_W
ClientSampleId :
SOLID-DRUMS

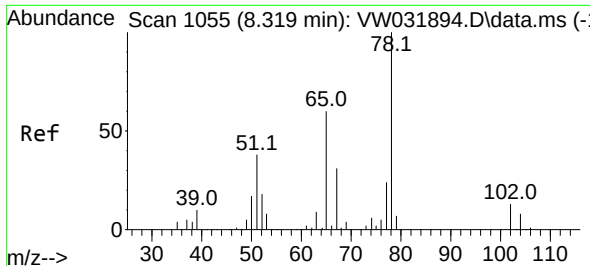
Tgt Ion: 76 Resp: 10744
Ion Ratio Lower Upper
76 100
78 6.4 7.5 11.3#



#25
2-Butanone
Concen: 164.036 ug/l
RT: 7.197 min Scan# 871
Delta R.T. 0.006 min
Lab File: VW031999.D
Acq: 04 Aug 2025 14:18

Tgt Ion: 43 Resp: 142016
Ion Ratio Lower Upper
43 100
72 25.5 20.8 31.2

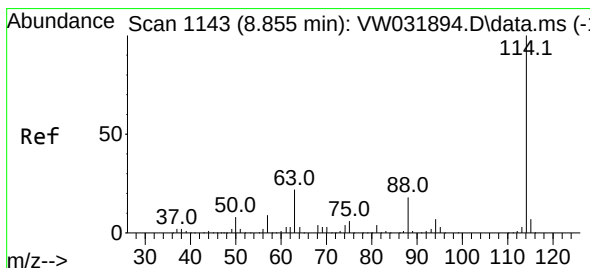
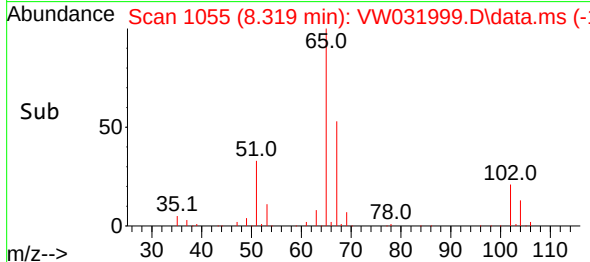
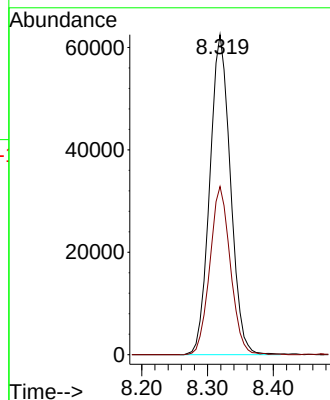
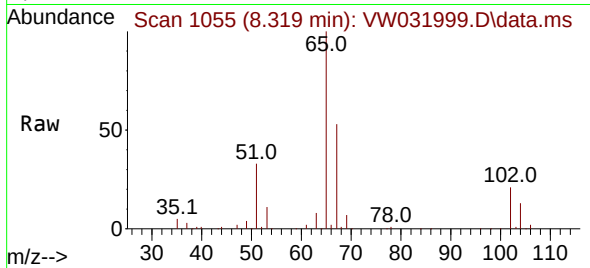




#33
 1,2-Dichloroethane-d4
 Concen: 51.261 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW031999.D
 Acq: 04 Aug 2025 14:18

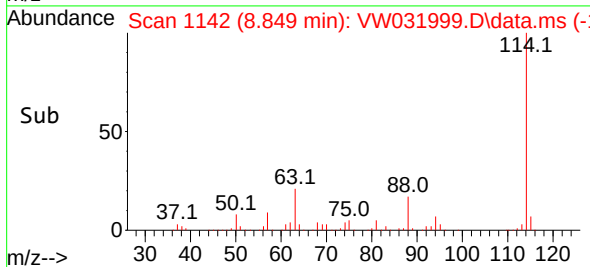
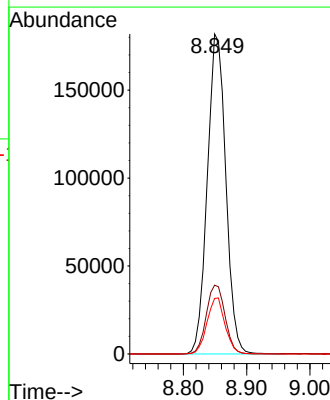
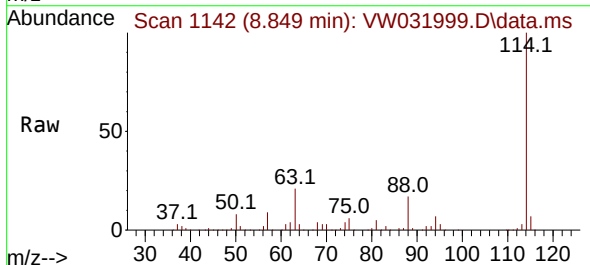
Instrument :
 MSVOA_W
 ClientSampleId :
 SOLID-DRUMS

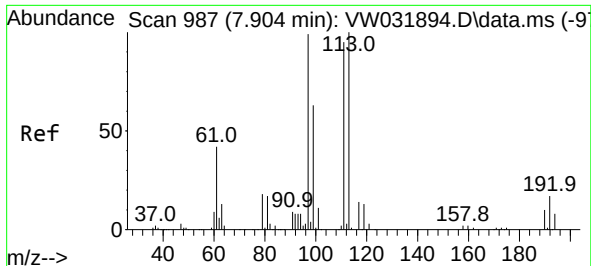
Tgt Ion: 65 Resp: 136690
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.006 min
 Lab File: VW031999.D
 Acq: 04 Aug 2025 14:18

Tgt Ion: 114 Resp: 370443
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 44.2
 88 17.4 0.0 35.6





#35

Dibromofluoromethane

Concen: 47.451 ug/l

RT: 7.904 min Scan# 987

Delta R.T. 0.000 min

Lab File: VW031999.D

Acq: 04 Aug 2025 14:18

Instrument :

MSVOA_W

ClientSampleId :

SOLID-DRUMS

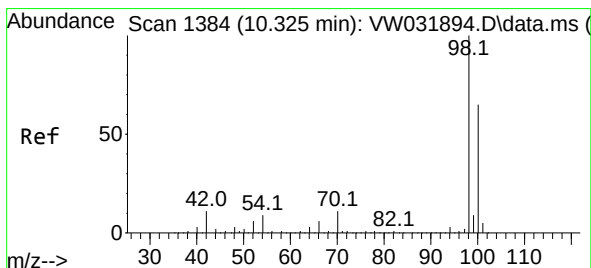
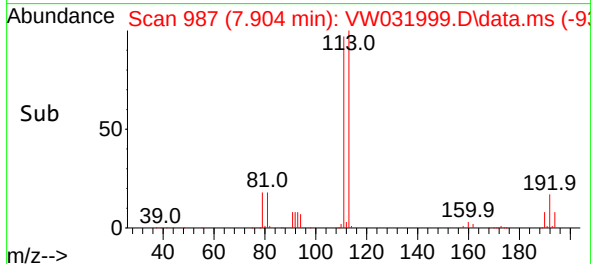
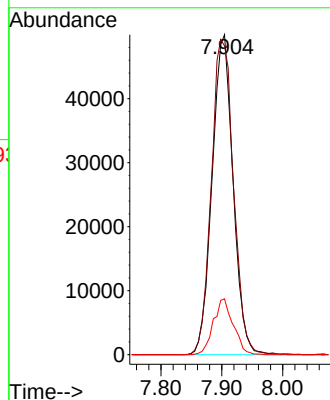
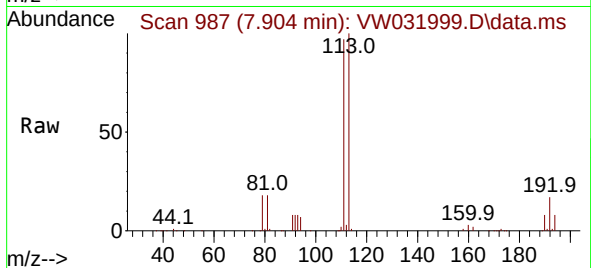
Tgt Ion:113 Resp: 119444

Ion Ratio Lower Upper

113 100

111 104.1 79.9 119.9

192 16.6 12.6 19.0



#50

Toluene-d8

Concen: 47.563 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW031999.D

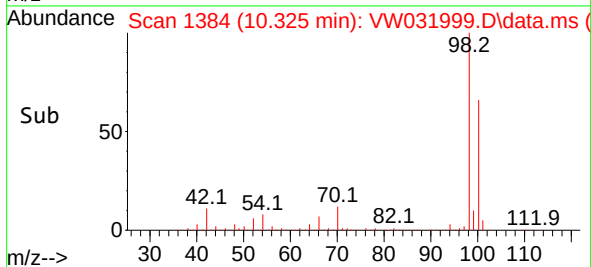
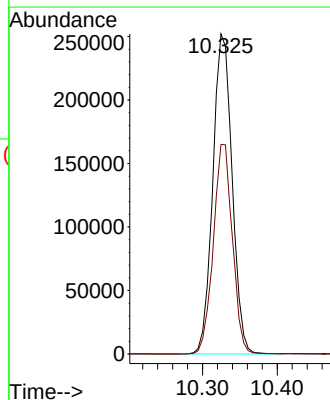
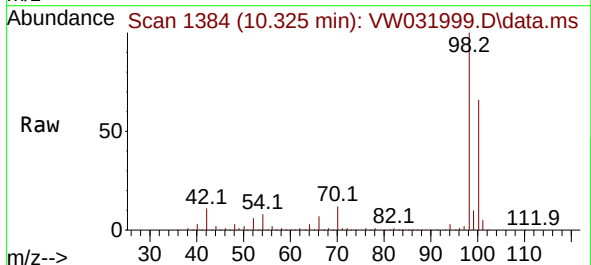
Acq: 04 Aug 2025 14:18

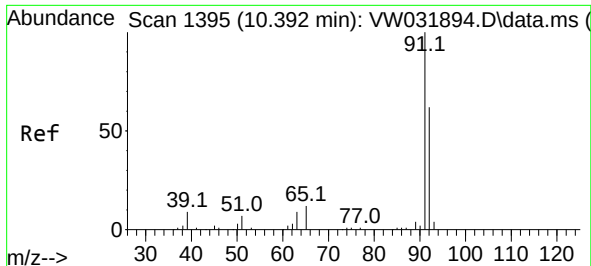
Tgt Ion: 98 Resp: 453129

Ion Ratio Lower Upper

98 100

100 64.7 51.7 77.5

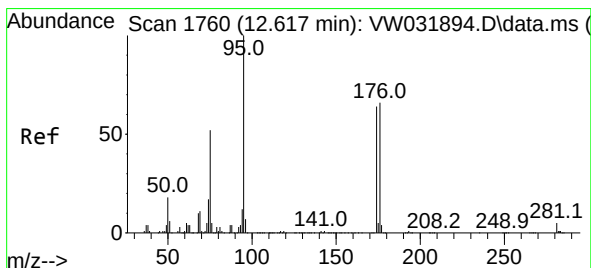
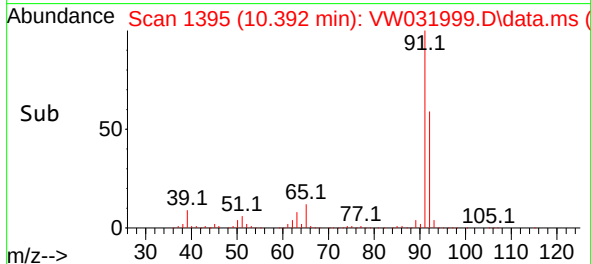
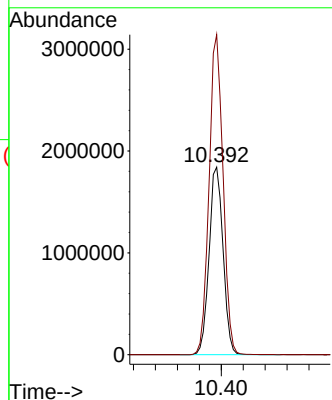
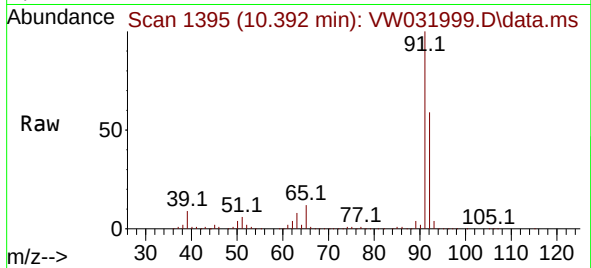




#52
Toluene
Concen: 440.748 ug/l
RT: 10.392 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031999.D
Acq: 04 Aug 2025 14:18

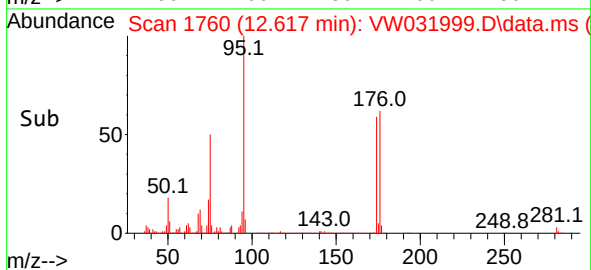
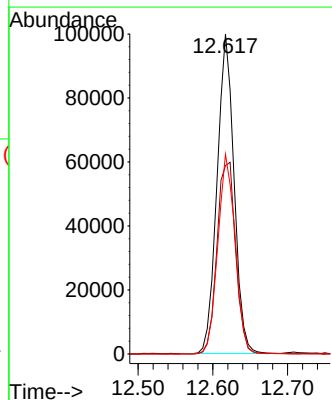
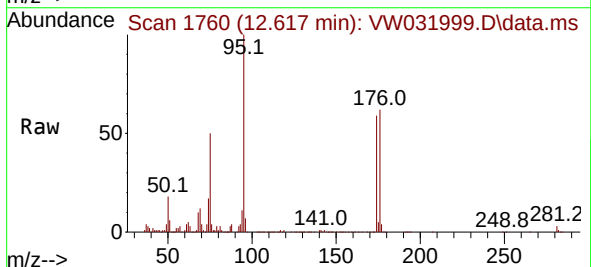
Instrument :
MSVOA_W
ClientSampleId :
SOLID-DRUMS

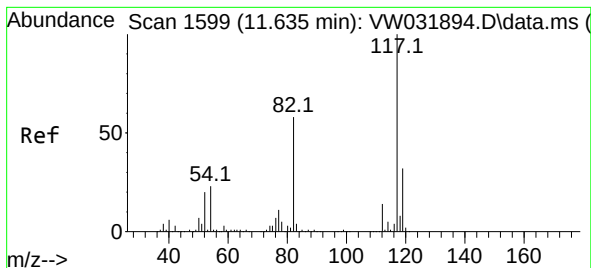
Tgt Ion: 92 Resp: 3242246
Ion Ratio Lower Upper
92 100
91 170.1 133.7 200.5



#62
4-Bromofluorobenzene
Concen: 43.135 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031999.D
Acq: 04 Aug 2025 14:18

Tgt Ion: 95 Resp: 157793
Ion Ratio Lower Upper
95 100
174 66.1 0.0 129.8
176 63.9 0.0 130.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.629 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW031999.D

Acq: 04 Aug 2025 14:18

Instrument :

MSVOA_W

ClientSampleId :

SOLID-DRUMS

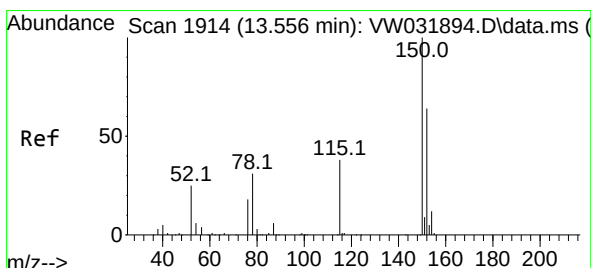
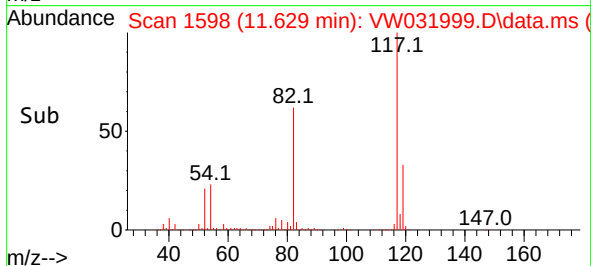
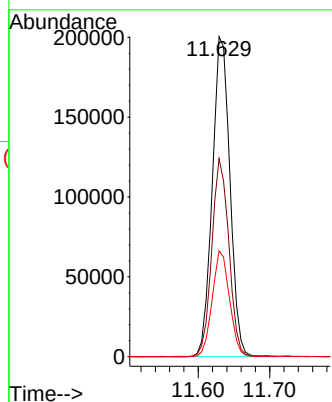
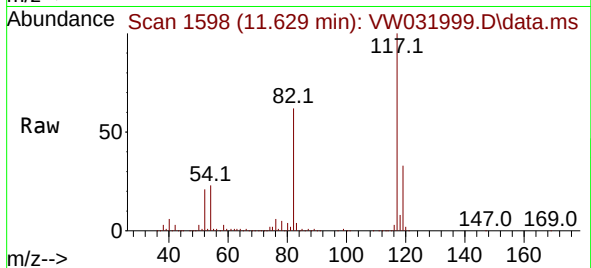
Tgt Ion:117 Resp: 343218

Ion Ratio Lower Upper

117 100

82 61.9 46.5 69.7

119 33.0 25.8 38.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW031999.D

Acq: 04 Aug 2025 14:18

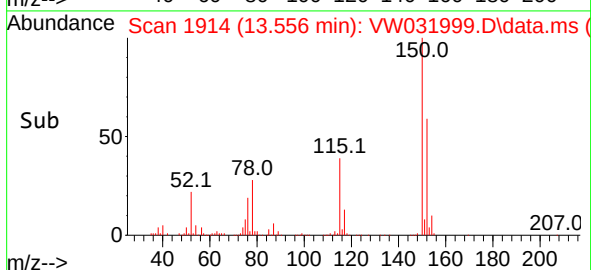
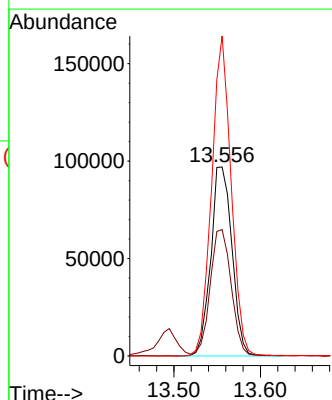
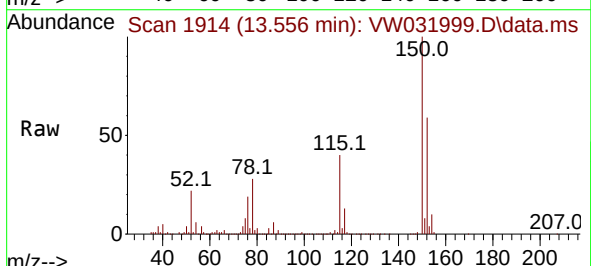
Tgt Ion:152 Resp: 165229

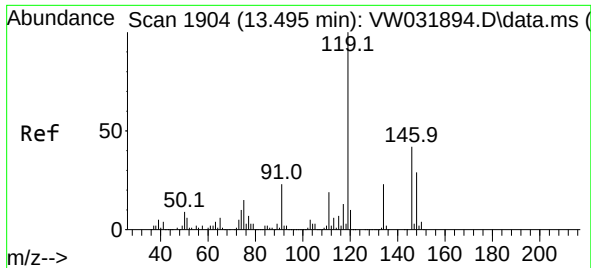
Ion Ratio Lower Upper

152 100

115 66.2 33.4 100.1

150 155.1 0.0 352.2





#86
 p-Isopropyltoluene
 Concen: 19.768 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VW031999.D
 Acq: 04 Aug 2025 14:18

Instrument :
 MSVOA_W
 ClientSampleId :
 SOLID-DRUMS

Tgt Ion:119 Resp: 251310
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 39.0
 91 37.1 12.7 38.1

