

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071125\
 Data File : VW031822.D
 Acq On : 11 Jul 2025 16:10
 Operator : SY/MD
 Sample : Q2542-01
 Misc : 5.00g/5mL/MSVOA_W/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 11 22:49:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:35:17 2025
 Response via : Initial Calibration

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

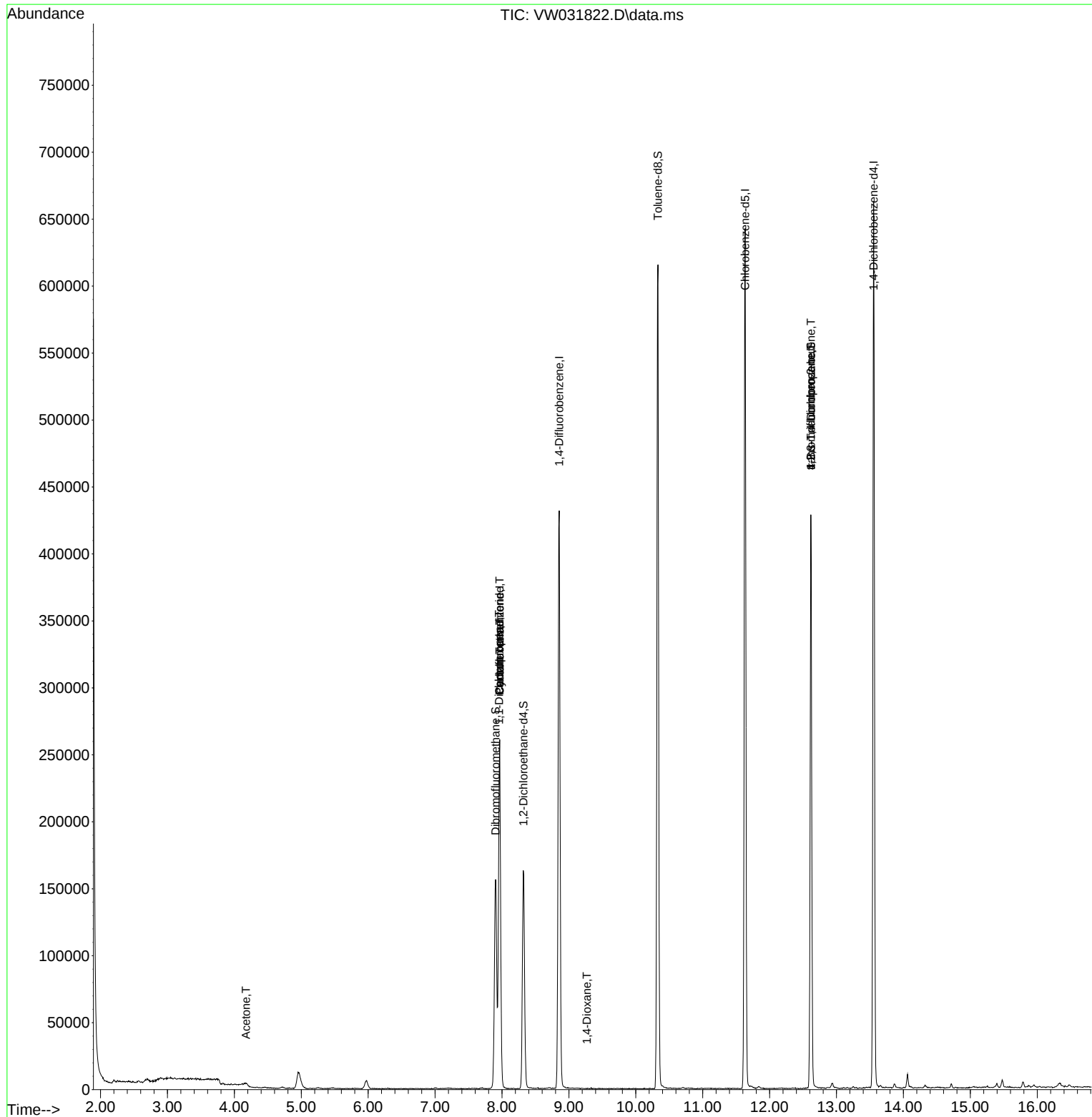
Internal Standards						
1) Pentafluorobenzene	7.965	168	167452	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	360619	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.636	117	343947	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	165000	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	139262	57.950	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	= 115.900%		
35) Dibromofluoromethane	7.904	113	116912	49.682	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	= 99.360%		
50) Toluene-d8	10.331	98	411542	46.995	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	= 93.980%		
62) 4-Bromofluorobenzene	12.617	95	152271	47.250	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	= 94.500%		
Target Compounds						
					Qvalue	
16) Acetone	4.173	43	1952	3.286	ug/l #	53
31) Cyclohexane	7.965	56	4629	1.353	ug/l #	6
36) 1,1-Dichloropropene	7.959	75	16596	4.874	ug/l #	51
38) Carbon Tetrachloride	7.965	117	19914	5.739	ug/l #	17
49) 1,4-Dioxane	9.270	88	22	1.195	ug/l #	13
76) 1,2,3-Trichloropropane	12.617	75	80974	37.976	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.617	75	80974	88.451	ug/l #	8

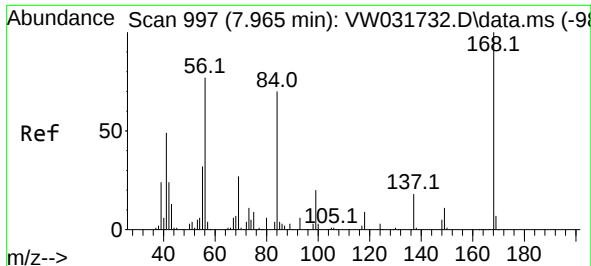
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071125\
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Quant Time: Jul 11 22:49:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

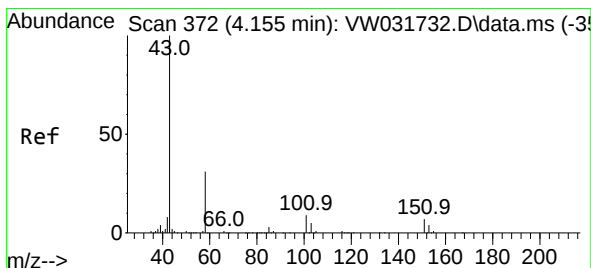
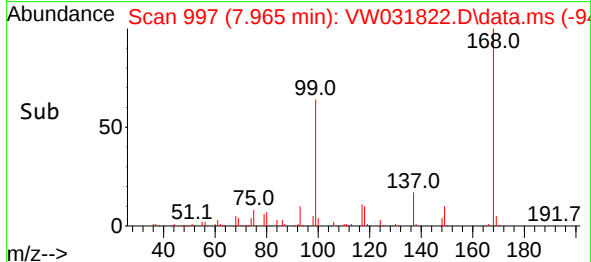
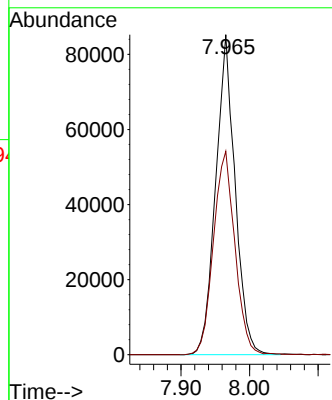
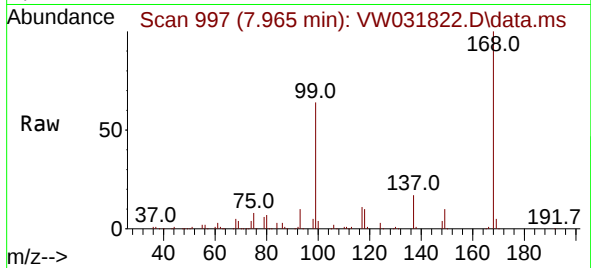




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW031822.D
Acq: 11 Jul 2025 16:10

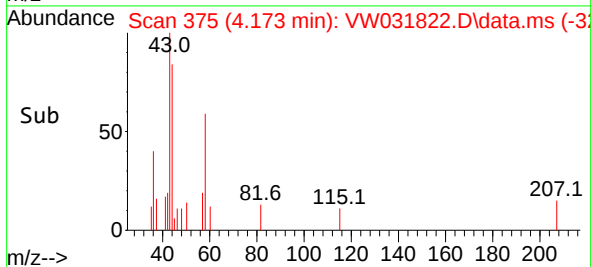
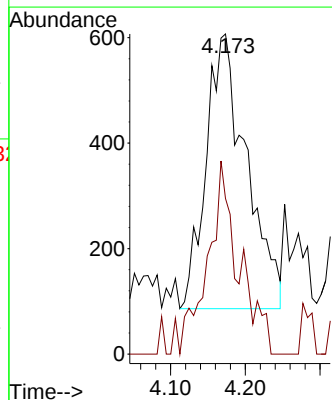
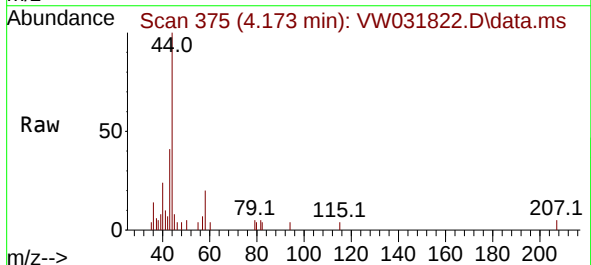
Instrument :
MSVOA_W
ClientSampleId :

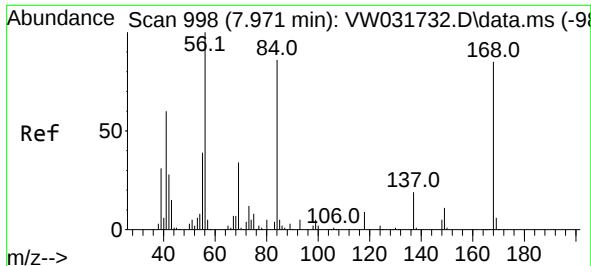
Tgt Ion:168 Resp: 167452
Ion Ratio Lower Upper
168 100
99 63.6 49.4 74.2



#16
Acetone
Concen: 3.286 ug/l
RT: 4.173 min Scan# 375
Delta R.T. 0.019 min
Lab File: VW031822.D
Acq: 11 Jul 2025 16:10

Tgt Ion: 43 Resp: 1952
Ion Ratio Lower Upper
43 100
58 56.6 24.8 37.2#

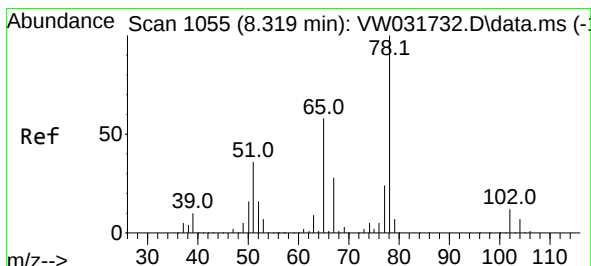
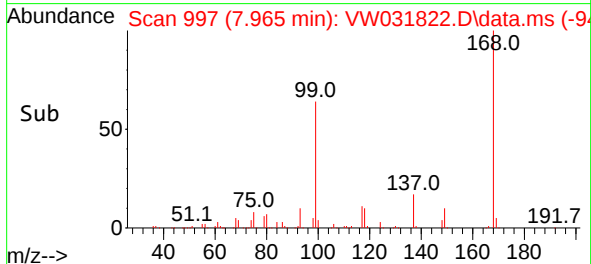
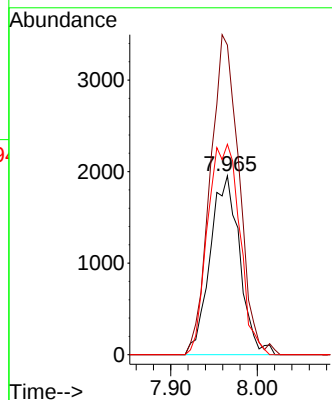
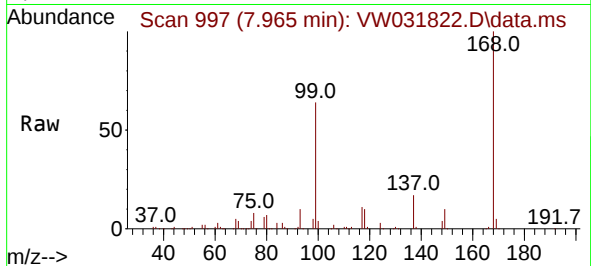




#31
Cyclohexane
Concen: 1.353 ug/l
RT: 7.965 min Scan# 998
Delta R.T. -0.006 min
Lab File: VW031822.D
Acq: 11 Jul 2025 16:10

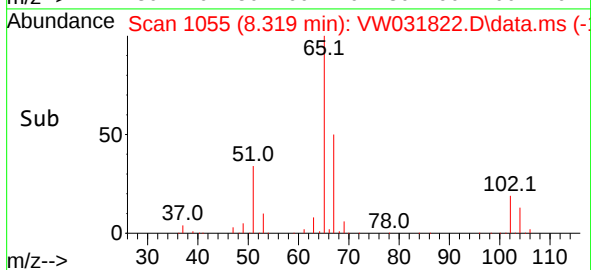
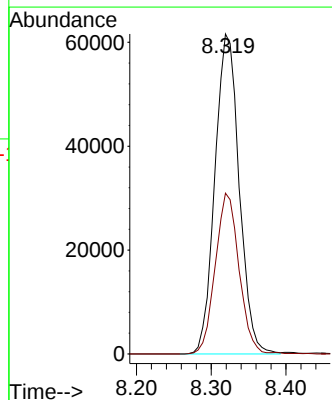
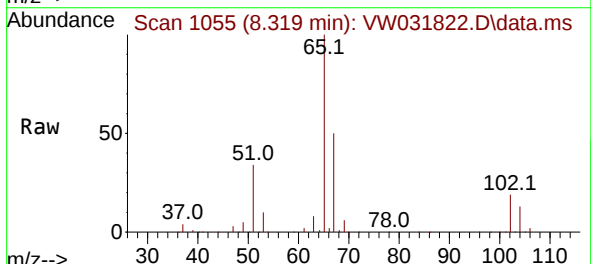
Instrument :
MSVOA_W
ClientSampleId :

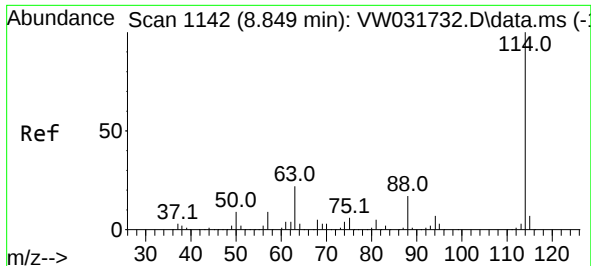
Tgt Ion: 56 Resp: 4629
Ion Ratio Lower Upper
56 100
69 173.1 27.2 40.8#
84 117.6 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 57.950 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW031822.D
Acq: 11 Jul 2025 16:10

Tgt Ion: 65 Resp: 139262
Ion Ratio Lower Upper
65 100
67 49.2 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1142

Delta R.T. 0.006 min

Lab File: VW031822.D

Acq: 11 Jul 2025 16:10

Instrument :

MSVOA_W

ClientSampleId :

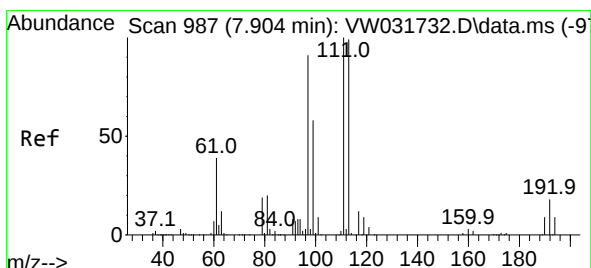
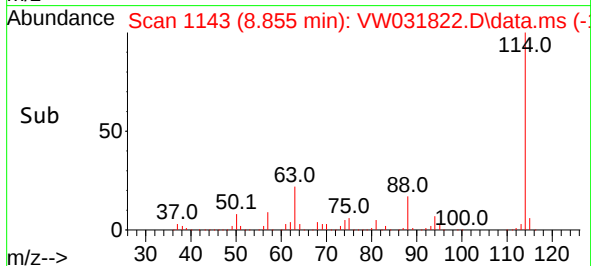
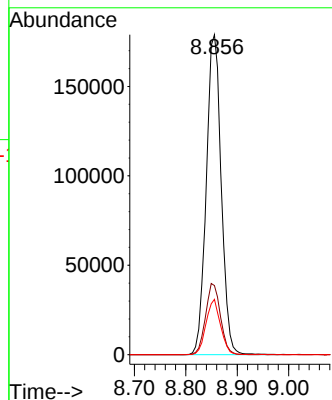
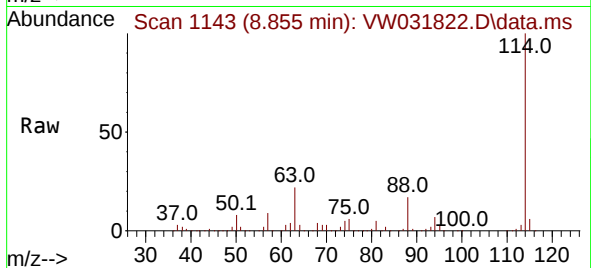
Tgt Ion:114 Resp: 360619

Ion Ratio Lower Upper

114 100

63 21.6 0.0 43.6

88 17.3 0.0 34.2



#35

Dibromofluoromethane

Concen: 49.682 ug/l

RT: 7.904 min Scan# 987

Delta R.T. 0.000 min

Lab File: VW031822.D

Acq: 11 Jul 2025 16:10

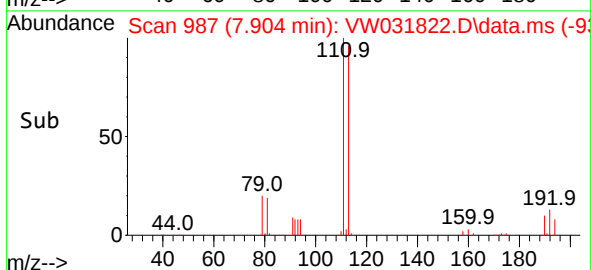
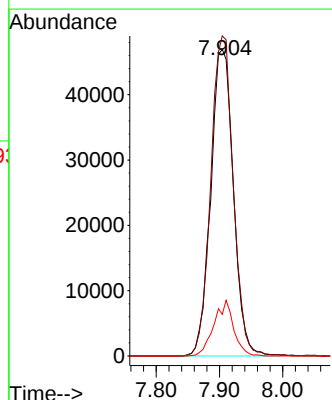
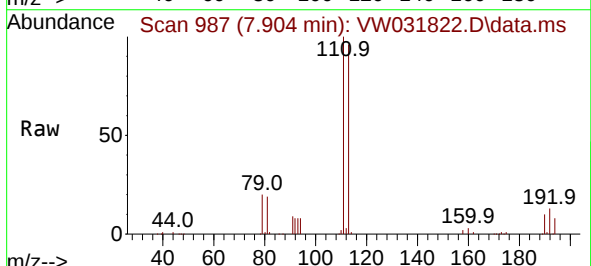
Tgt Ion:113 Resp: 116912

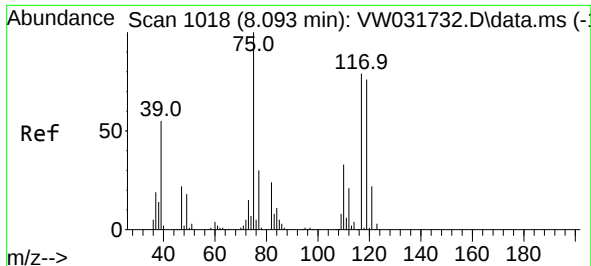
Ion Ratio Lower Upper

113 100

111 103.1 82.1 123.1

192 15.8 13.8 20.6

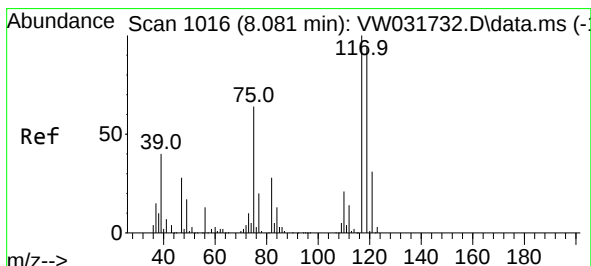
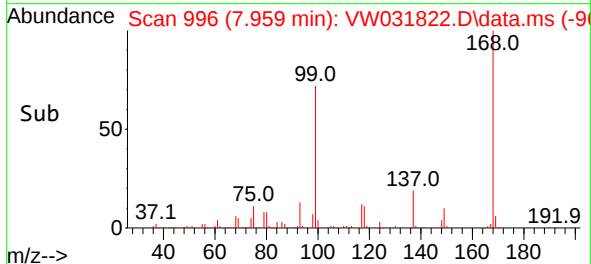
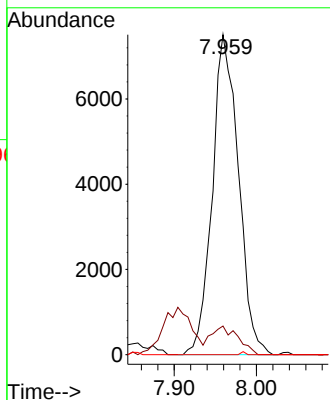
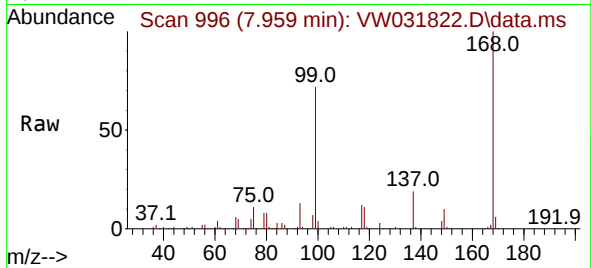




#36
1,1-Dichloropropene
Concen: 4.874 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.134 min
Lab File: VW031822.D
Acq: 11 Jul 2025 16:10

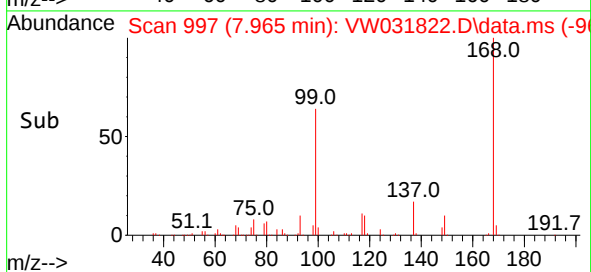
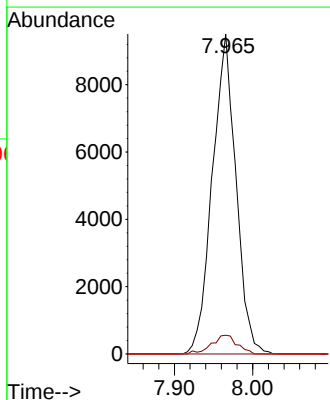
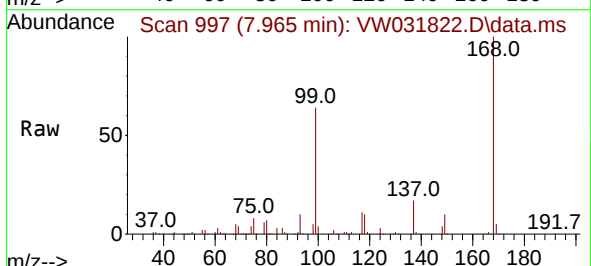
Instrument :
MSVOA_W
ClientSampleId :

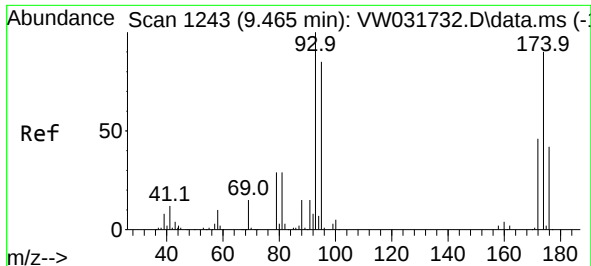
Tgt Ion: 75 Resp: 16596
Ion Ratio Lower Upper
75 100
110 9.3 16.8 50.4#
77 0.0 25.0 37.6#



#38
Carbon Tetrachloride
Concen: 5.739 ug/l
RT: 7.965 min Scan# 997
Delta R.T. -0.115 min
Lab File: VW031822.D
Acq: 11 Jul 2025 16:10

Tgt Ion: 117 Resp: 19914
Ion Ratio Lower Upper
117 100
119 5.8 75.0 112.6#
121 0.0 24.6 37.0#





#49

1,4-Dioxane

Concen: 1.195 ug/l

RT: 9.270 min Scan# 1211

Delta R.T. -0.195 min

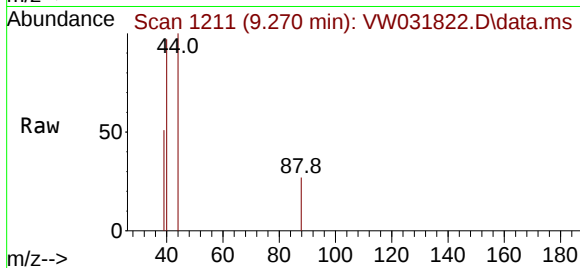
Lab File: VW031822.D

Acq: 11 Jul 2025 16:10

Instrument :

MSVOA_W

ClientSampleId :



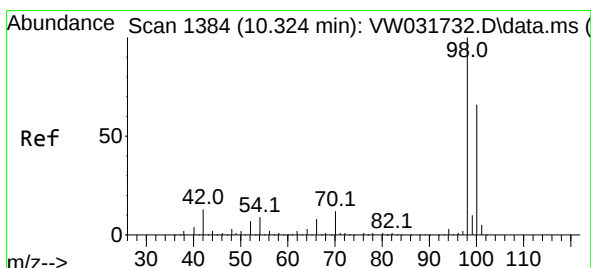
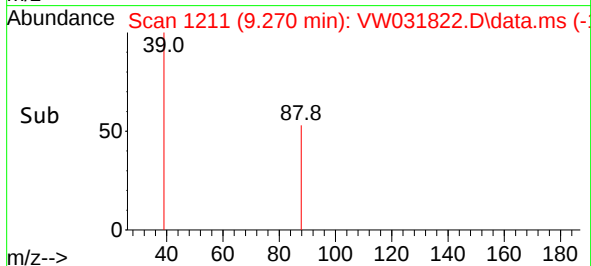
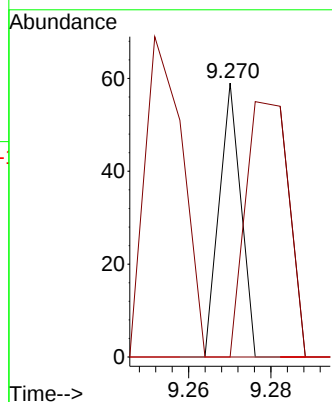
Tgt Ion: 88 Resp: 22

Ion Ratio Lower Upper

88 100

43 181.8 0.0 0.0#

58 0.0 58.3 87.5#



#50

Toluene-d8

Concen: 46.995 ug/l

RT: 10.331 min Scan# 1385

Delta R.T. 0.006 min

Lab File: VW031822.D

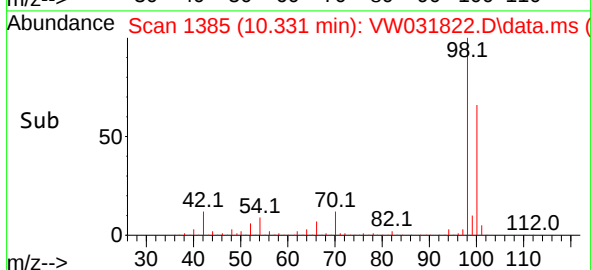
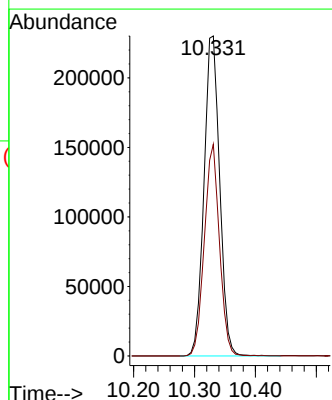
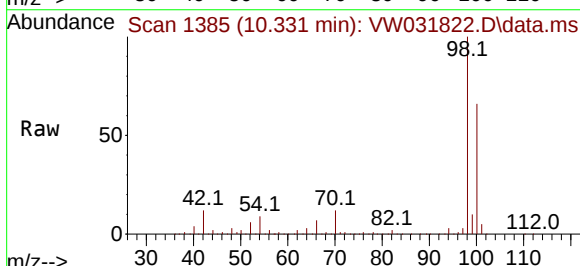
Acq: 11 Jul 2025 16:10

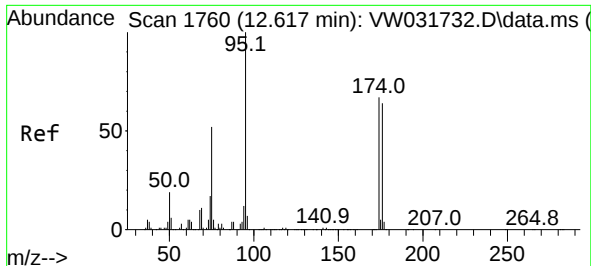
Tgt Ion: 98 Resp: 411542

Ion Ratio Lower Upper

98 100

100 63.8 53.0 79.4

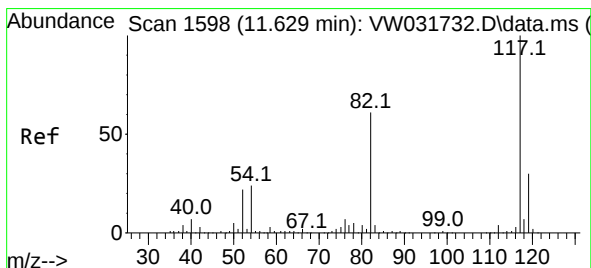
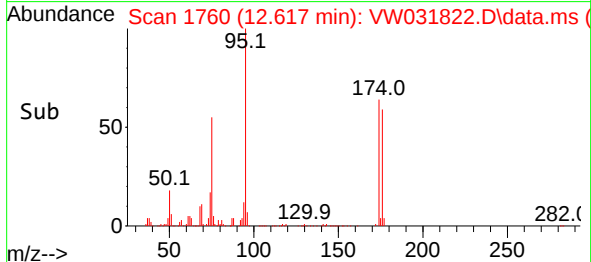
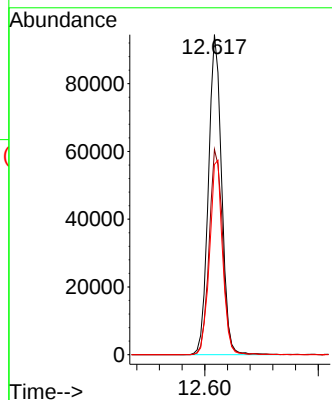
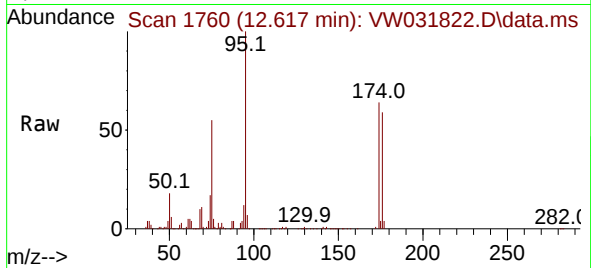




#62
4-Bromofluorobenzene
Concen: 47.250 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031822.D
Acq: 11 Jul 2025 16:10

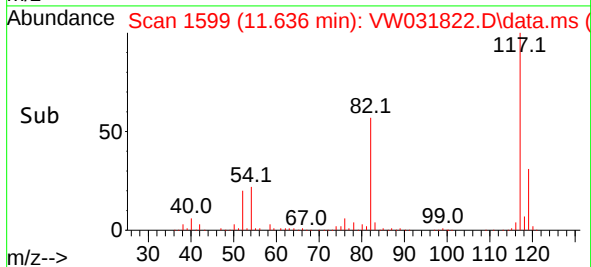
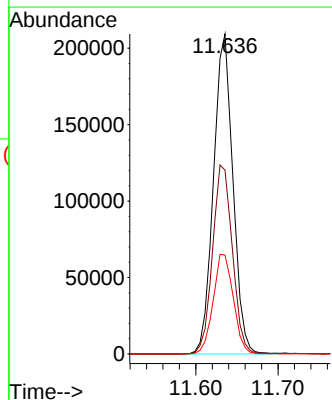
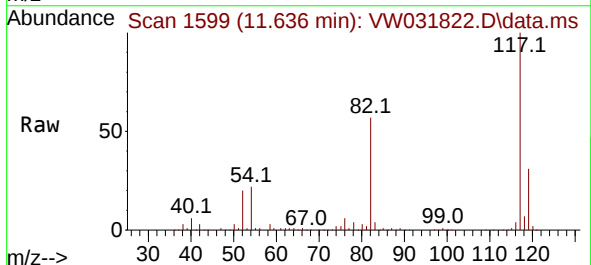
Instrument :
MSVOA_W
ClientSampleId :

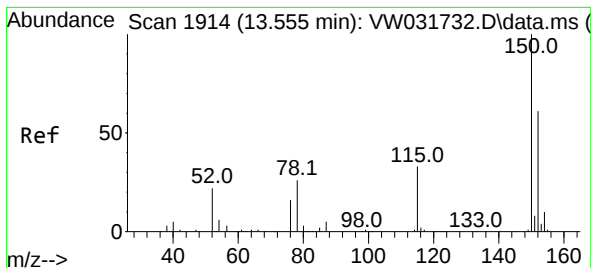
Tgt Ion: 95 Resp: 152271
Ion Ratio Lower Upper
95 100
174 65.9 0.0 133.8
176 59.6 0.0 126.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.636 min Scan# 1599
Delta R.T. 0.007 min
Lab File: VW031822.D
Acq: 11 Jul 2025 16:10

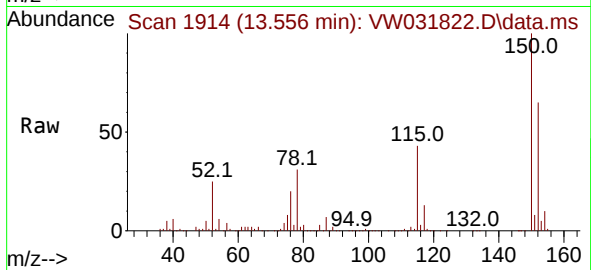
Tgt Ion: 117 Resp: 343947
Ion Ratio Lower Upper
117 100
82 57.4 48.6 72.8
119 30.9 23.9 35.9



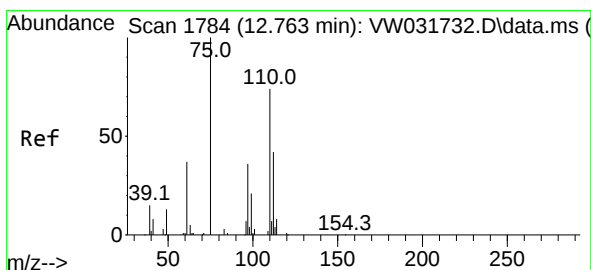
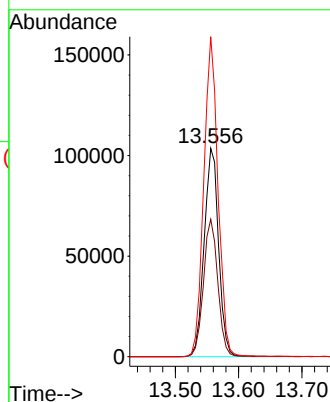
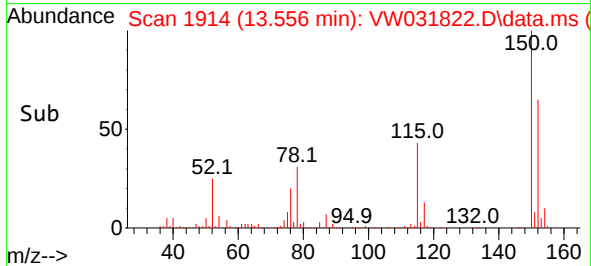


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW031822.D
Acq: 11 Jul 2025 16:10

Instrument :
MSVOA_W
ClientSampleId :

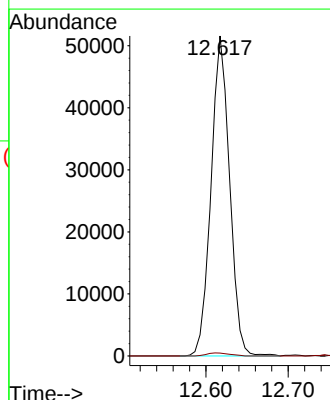
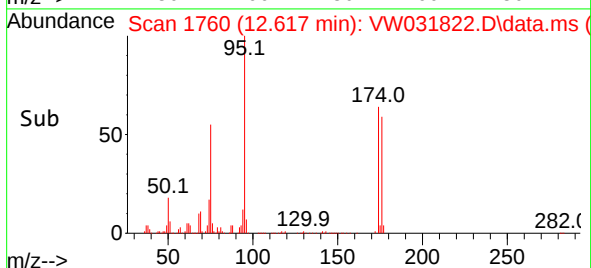
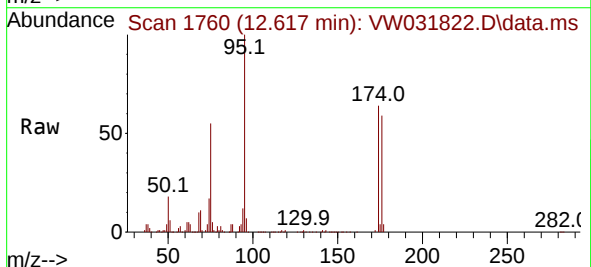


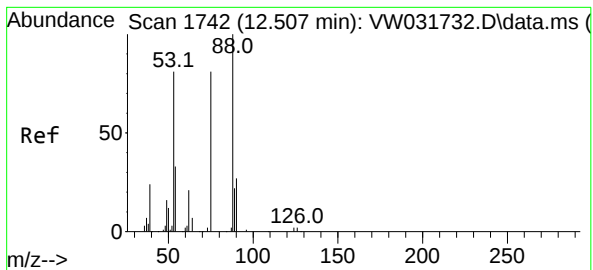
Tgt Ion:152 Resp: 165000
Ion Ratio Lower Upper
152 100
115 65.4 31.9 95.7
150 151.3 0.0 356.4



#76
1,2,3-Trichloropropane
Concen: 37.976 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.146 min
Lab File: VW031822.D
Acq: 11 Jul 2025 16:10

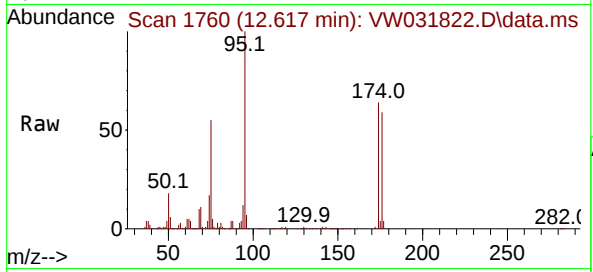
Tgt Ion: 75 Resp: 80974
Ion Ratio Lower Upper
75 100
77 1.2 141.2 423.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.451 ug/l
 RT: 12.617 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VW031822.D
 Acq: 11 Jul 2025 16:10

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.2	83.5	125.3#
89	0.0	38.3	57.5#

