

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071625\
 Data File : VW031865.D
 Acq On : 16 Jul 2025 09:52
 Operator : SY/MD
 Sample : VW0716SBL01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0716SBL01

Quant Time: Jul 17 03:58:05 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)

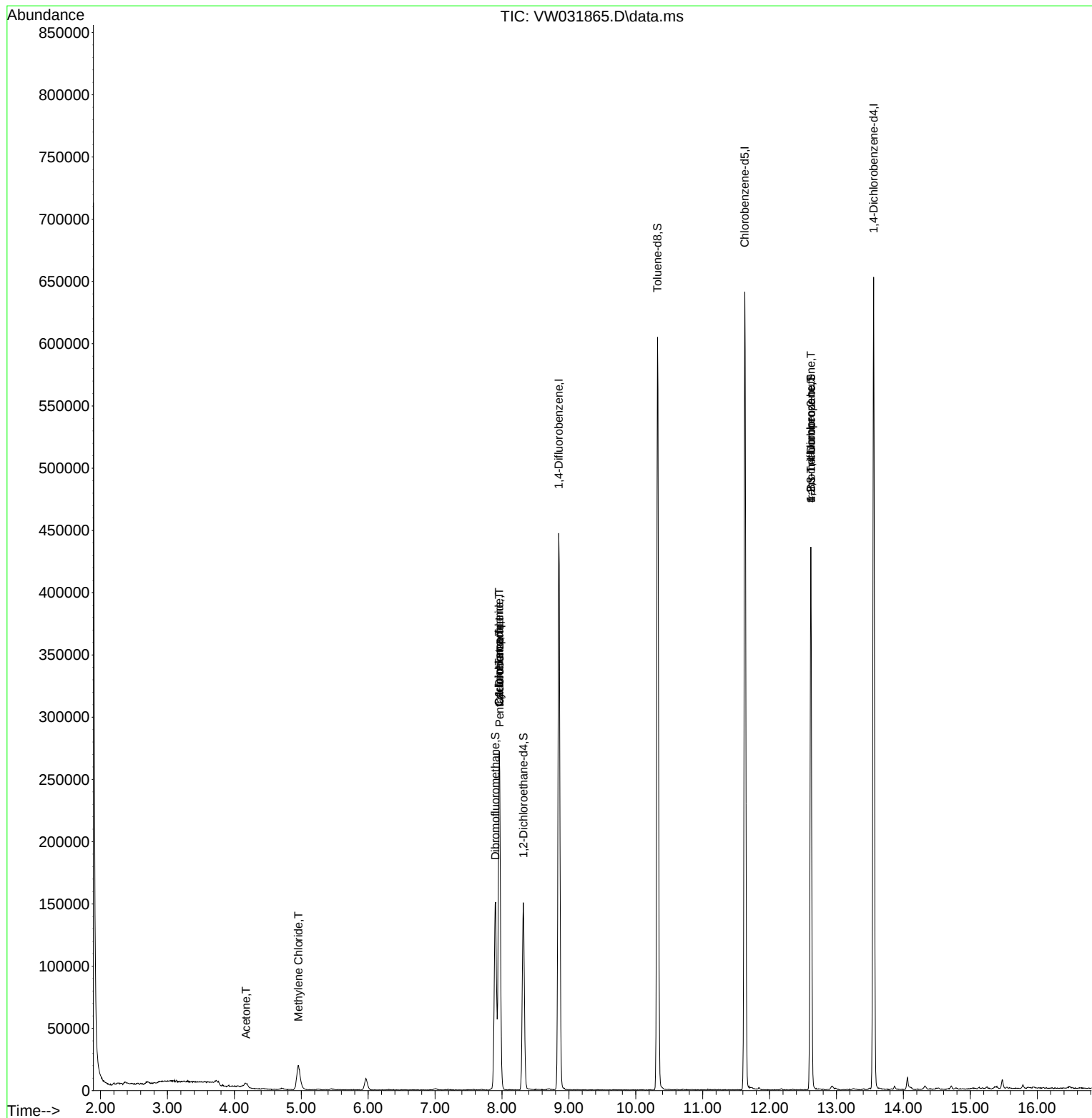
Internal Standards						
1) Pentafluorobenzene	7.965	168	185902	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	374504	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	352304	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	163773	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	124873	46.806	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	93.620%		
35) Dibromofluoromethane	7.898	113	110532	45.230	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	90.460%		
50) Toluene-d8	10.325	98	401362	44.133	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	88.260%		
62) 4-Bromofluorobenzene	12.617	95	154182	46.069	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	92.140%		
Target Compounds						Qvalue
16) Acetone	4.173	43	5368	8.140	ug/l	94
20) Methylene Chloride	4.960	84	18246	2.769	ug/l	89
31) Cyclohexane	7.959	56	4598	1.210	ug/l #	1
36) 1,1-Dichloropropene	7.959	75	17354	4.907	ug/l #	50
38) Carbon Tetrachloride	7.959	117	20917	5.804	ug/l #	16
76) 1,2,3-Trichloropropane	12.617	75	80044	37.821	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.617	75	80044	88.090	ug/l #	8

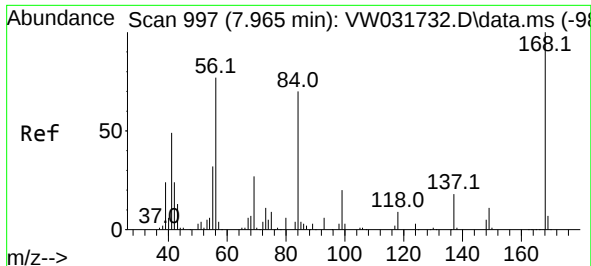
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071625\
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Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SW846 8260
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Response via : Initial Calibration

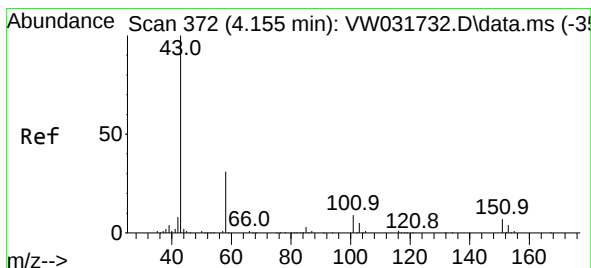
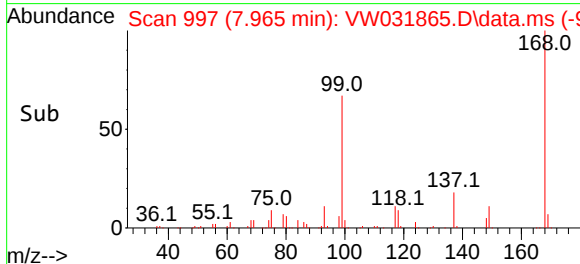
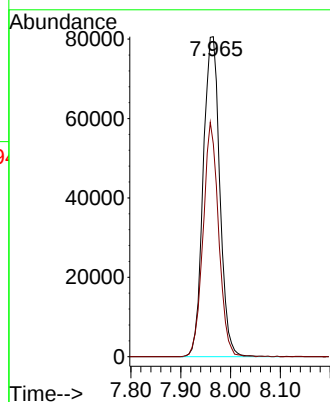
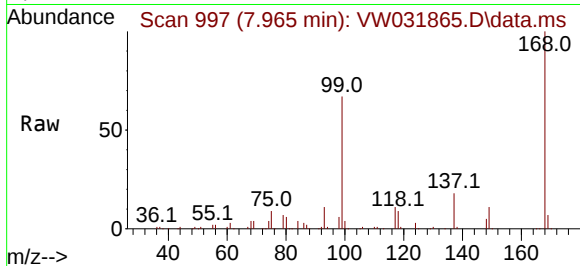




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 99
Delta R.T. 0.000 min
Lab File: VW031865.D
Acq: 16 Jul 2025 09:52

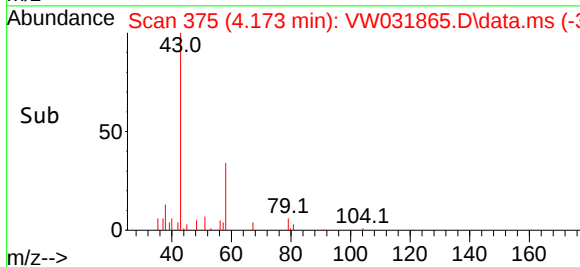
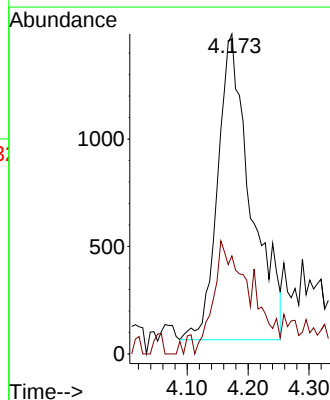
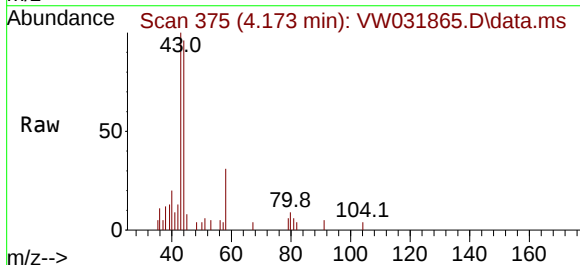
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBL01

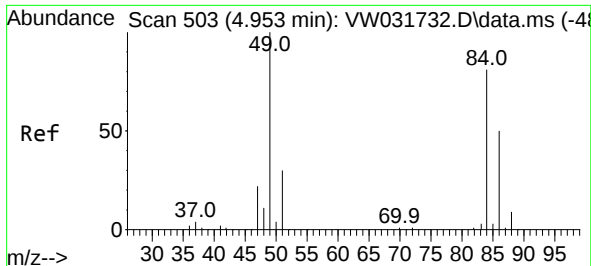
Tgt Ion:168 Resp: 185902
Ion Ratio Lower Upper
168 100
99 66.5 49.4 74.2



#16
Acetone
Concen: 8.140 ug/l
RT: 4.173 min Scan# 375
Delta R.T. 0.019 min
Lab File: VW031865.D
Acq: 16 Jul 2025 09:52

Tgt Ion: 43 Resp: 5368
Ion Ratio Lower Upper
43 100
58 28.0 24.8 37.2

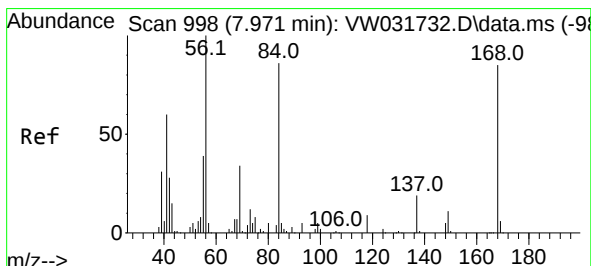
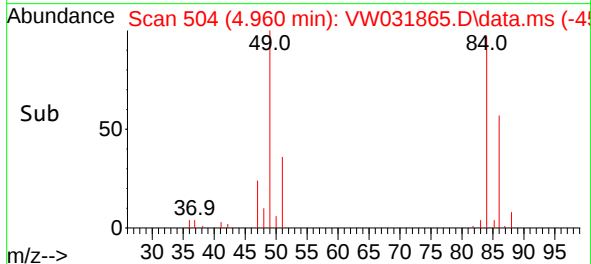
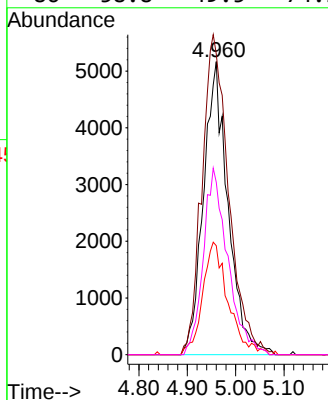
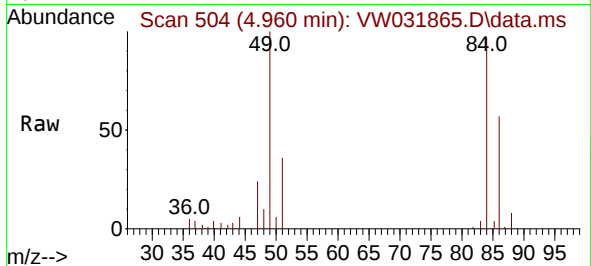




#20
Methylene Chloride
Concen: 2.769 ug/l
RT: 4.960 min Scan# 503
Delta R.T. 0.006 min
Lab File: VW031865.D
Acq: 16 Jul 2025 09:52

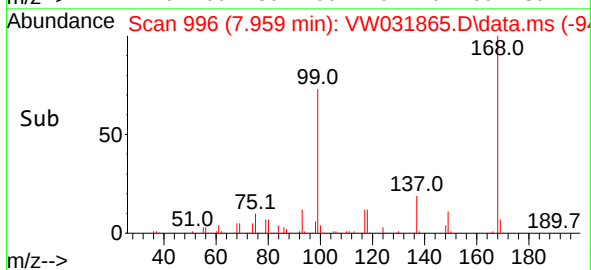
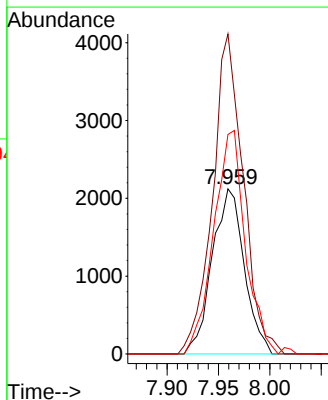
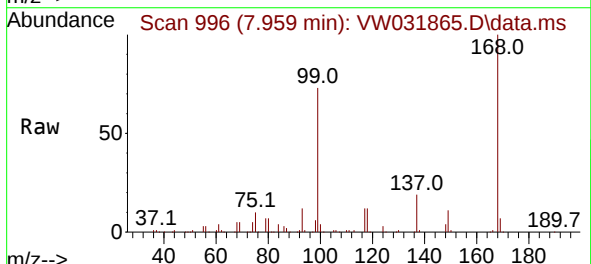
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBL01

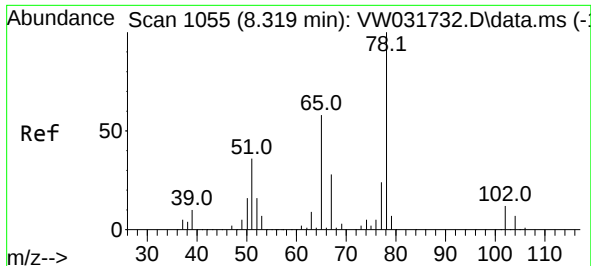
Tgt Ion:	84	Resp:	18246
Ion	Ratio	Lower	Upper
84	100		
49	102.6	98.2	147.4
51	37.2	29.8	44.8
86	58.8	49.5	74.3



#31
Cyclohexane
Concen: 1.210 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.012 min
Lab File: VW031865.D
Acq: 16 Jul 2025 09:52

Tgt Ion:	56	Resp:	4598
Ion	Ratio	Lower	Upper
56	100		
69	193.7	27.2	40.8#
84	132.9	68.5	102.7#

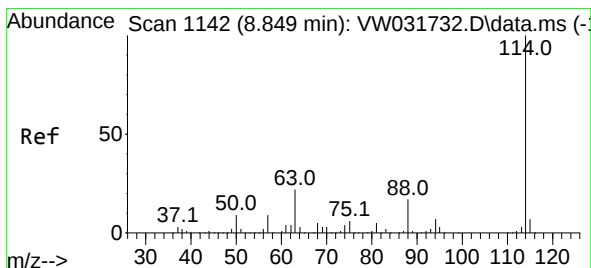
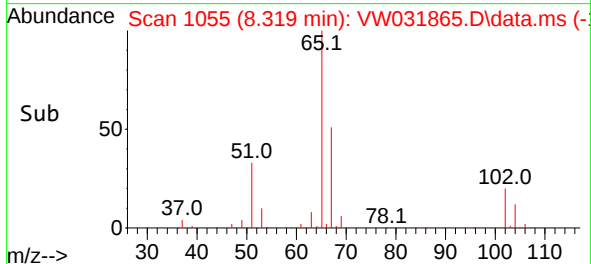
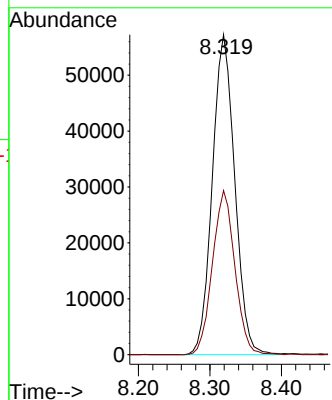
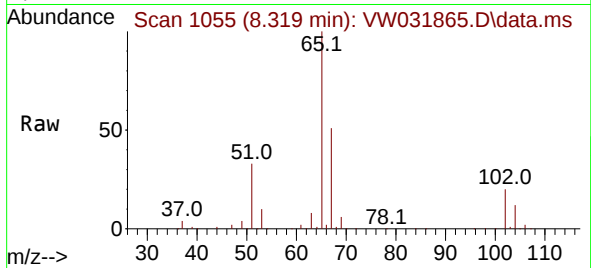




#33
1,2-Dichloroethane-d4
Concen: 46.806 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW031865.D
Acq: 16 Jul 2025 09:52

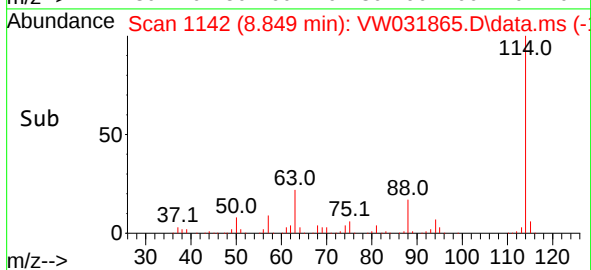
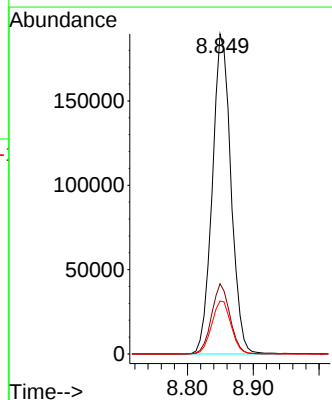
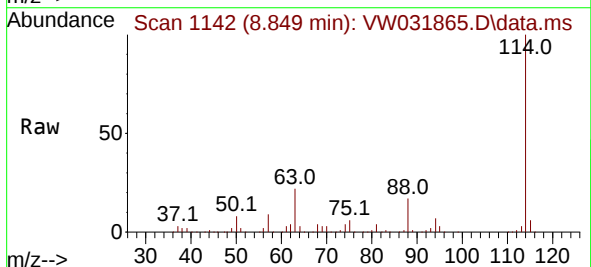
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBL01

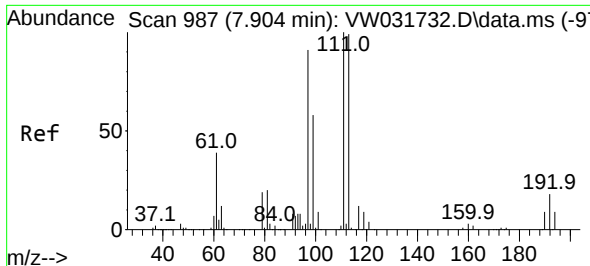
Tgt Ion: 65 Resp: 124873
Ion Ratio Lower Upper
65 100
67 51.3 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VW031865.D
Acq: 16 Jul 2025 09:52

Tgt Ion: 114 Resp: 374504
Ion Ratio Lower Upper
114 100
63 21.9 0.0 43.6
88 16.5 0.0 34.2

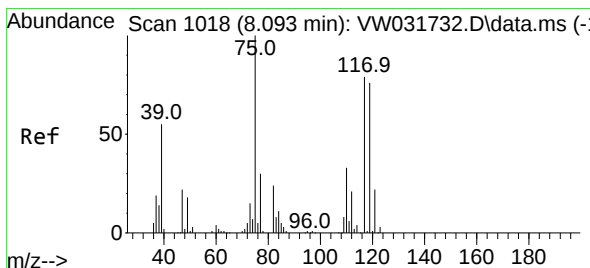
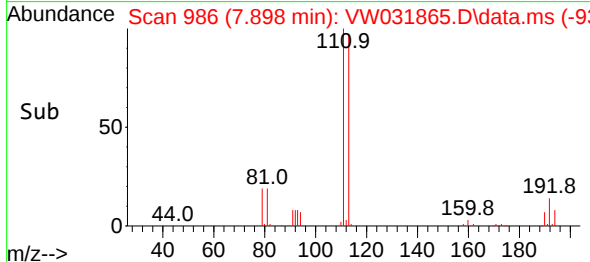
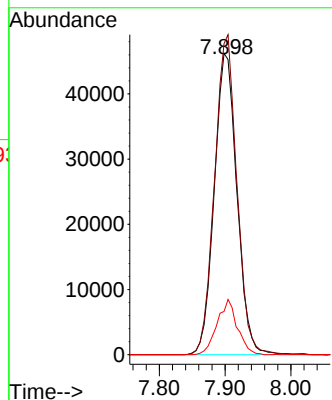
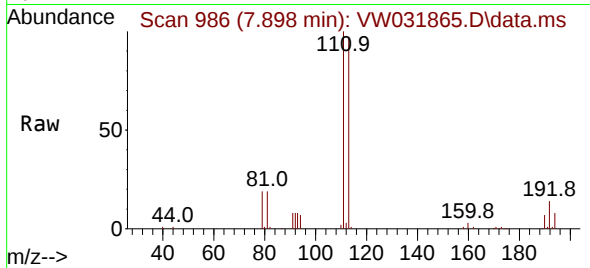




#35
 Dibromofluoromethane
 Concen: 45.230 ug/l
 RT: 7.898 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: VW031865.D
 Acq: 16 Jul 2025 09:52

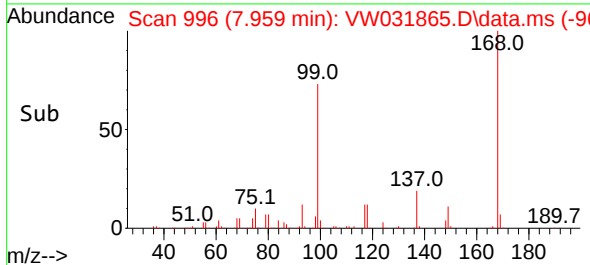
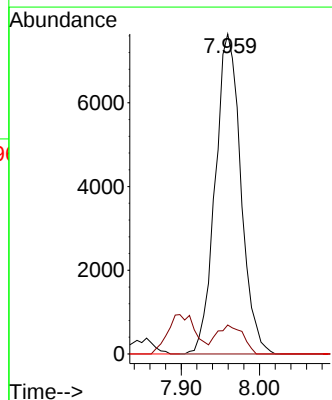
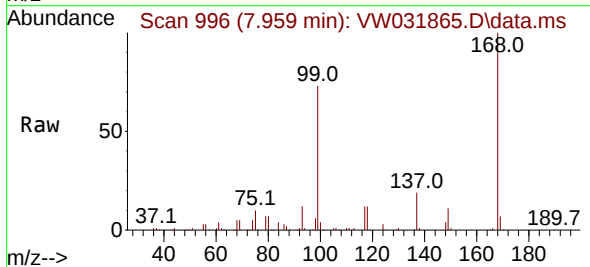
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0716SBL01

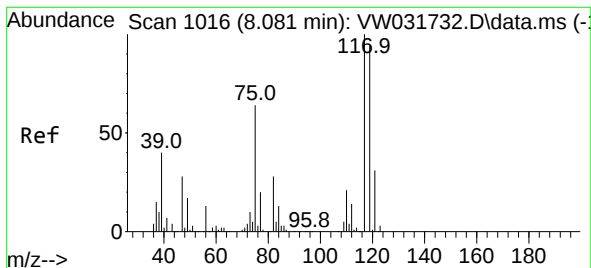
Tgt Ion:113 Resp: 110532
 Ion Ratio Lower Upper
 113 100
 111 105.0 82.1 123.1
 192 16.4 13.8 20.6



#36
 1,1-Dichloropropene
 Concen: 4.907 ug/l
 RT: 7.959 min Scan# 996
 Delta R.T. -0.134 min
 Lab File: VW031865.D
 Acq: 16 Jul 2025 09:52

Tgt Ion: 75 Resp: 17354
 Ion Ratio Lower Upper
 75 100
 110 9.2 16.8 50.4#
 77 0.0 25.0 37.6#





#38

Carbon Tetrachloride

Concen: 5.804 ug/l

RT: 7.959 min Scan# 996

Delta R.T. -0.122 min

Lab File: VW031865.D

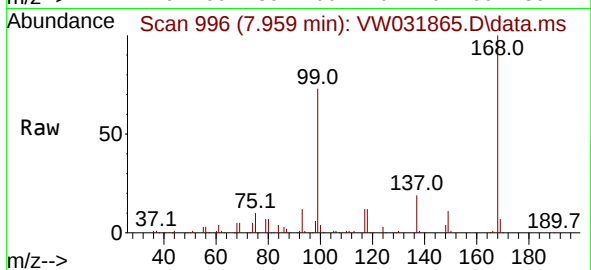
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Instrument :

MSVOA_W

ClientSampleId :

VW0716SBL01



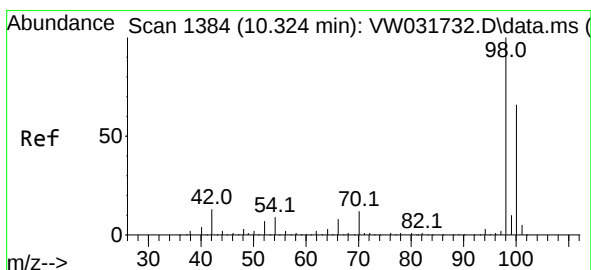
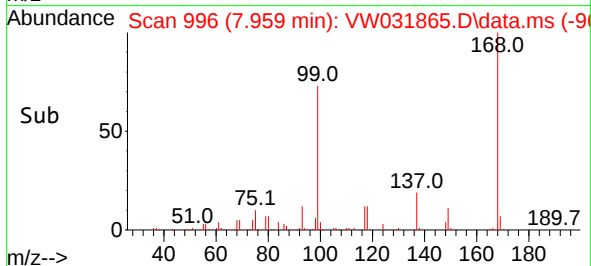
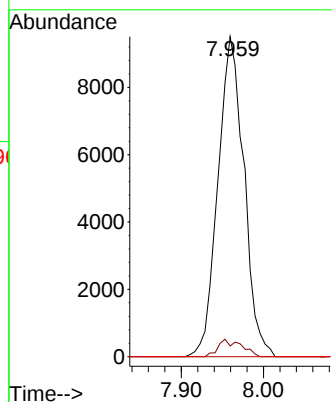
Tgt Ion:117 Resp: 20917

Ion Ratio Lower Upper

117 100

119 3.4 75.0 112.6#

121 0.0 24.6 37.0#



#50

Toluene-d8

Concen: 44.133 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW031865.D

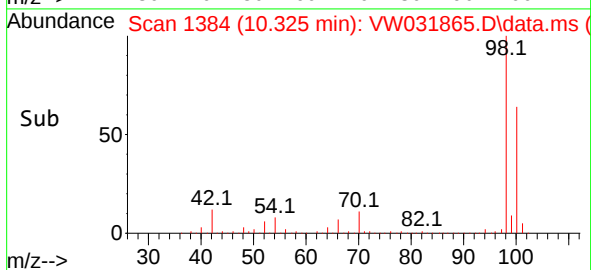
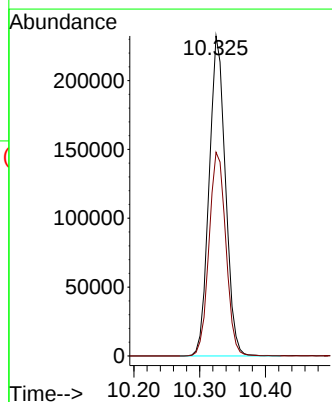
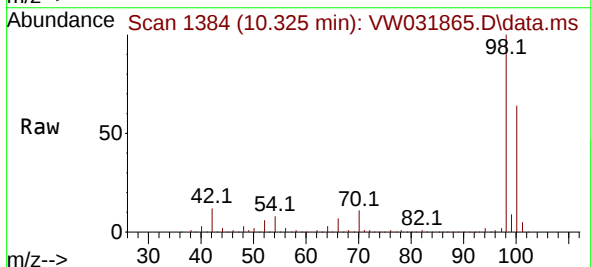
Acq: 16 Jul 2025 09:52

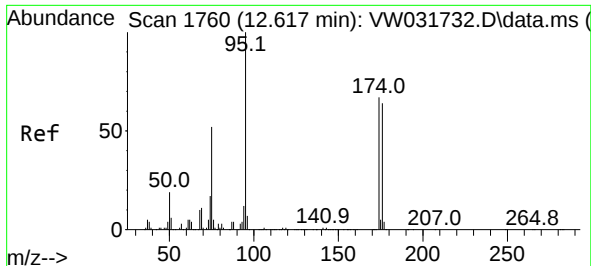
Tgt Ion: 98 Resp: 401362

Ion Ratio Lower Upper

98 100

100 65.7 53.0 79.4

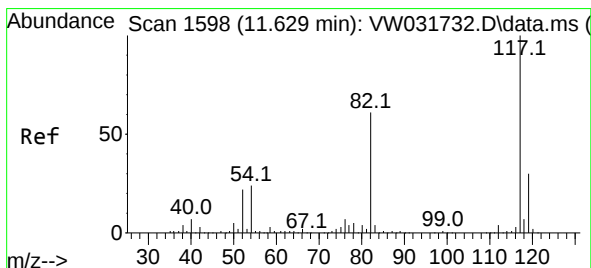
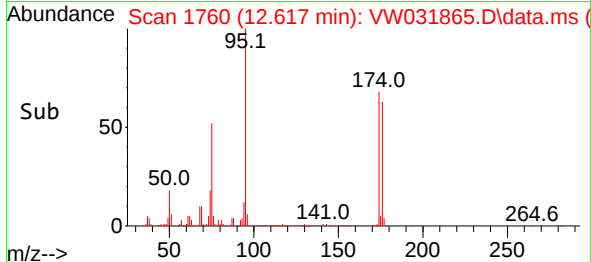
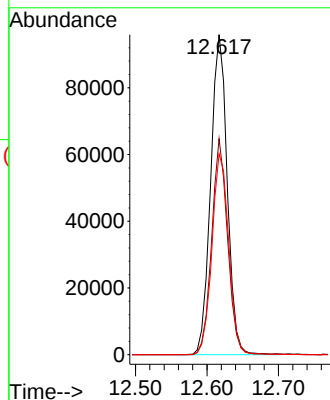
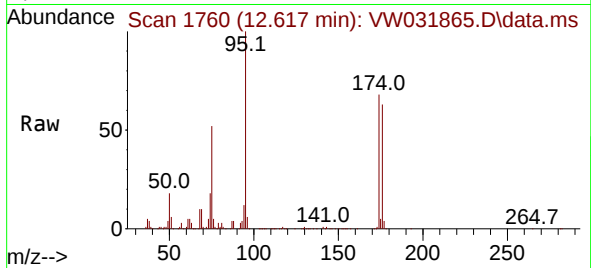




#62
4-Bromofluorobenzene
Concen: 46.069 ug/l
RT: 12.617 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031865.D
Acq: 16 Jul 2025 09:52

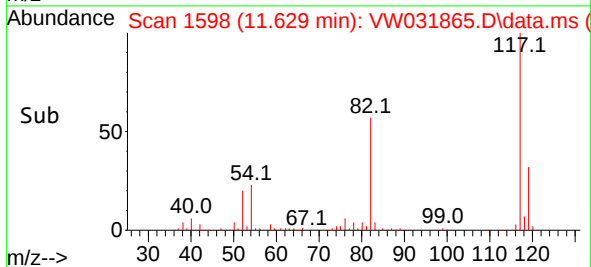
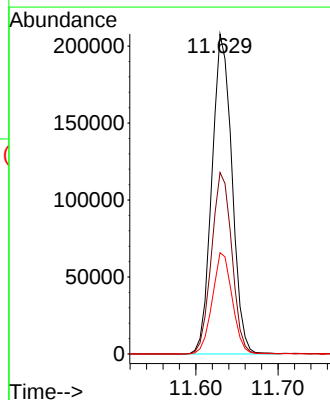
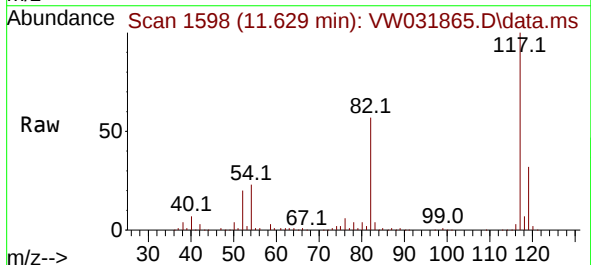
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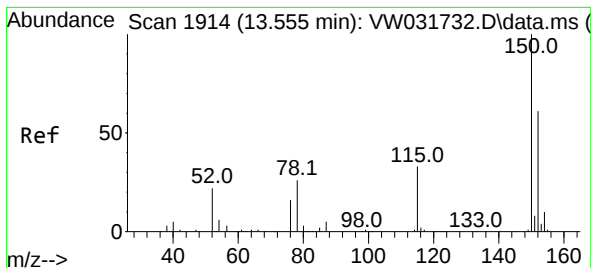
Tgt Ion: 95 Resp: 154182
Ion Ratio Lower Upper
95 100
174 64.7 0.0 133.8
176 63.7 0.0 126.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VW031865.D
Acq: 16 Jul 2025 09:52

Tgt Ion: 117 Resp: 352304
Ion Ratio Lower Upper
117 100
82 56.7 48.6 72.8
119 31.6 23.9 35.9

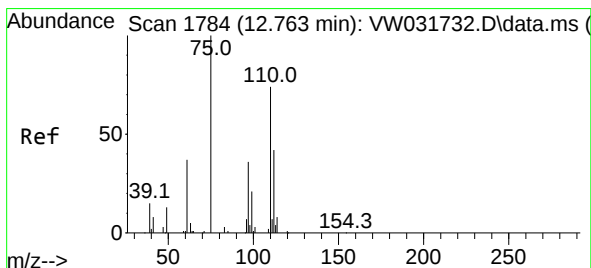
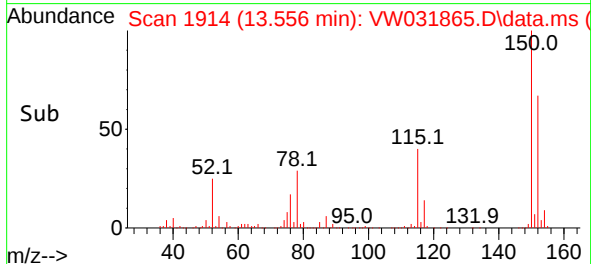
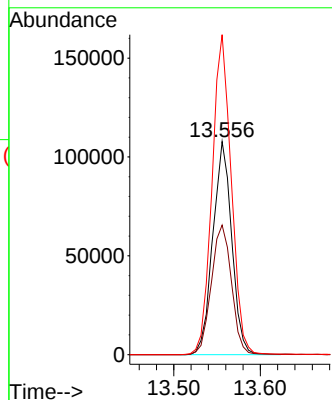
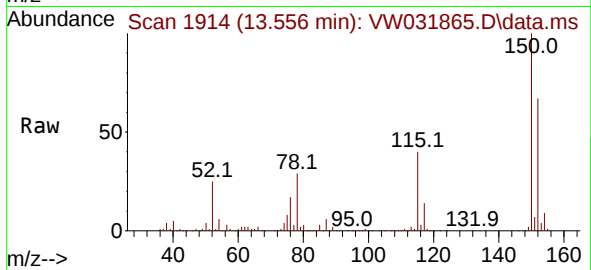




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW031865.D
Acq: 16 Jul 2025 09:52

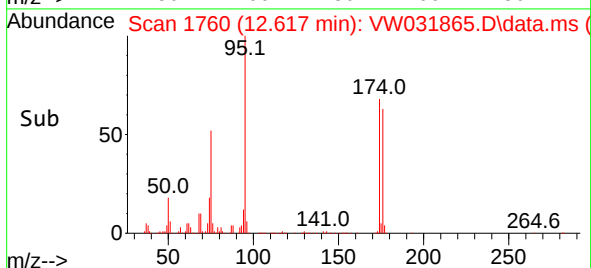
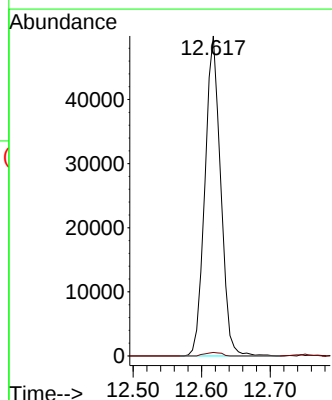
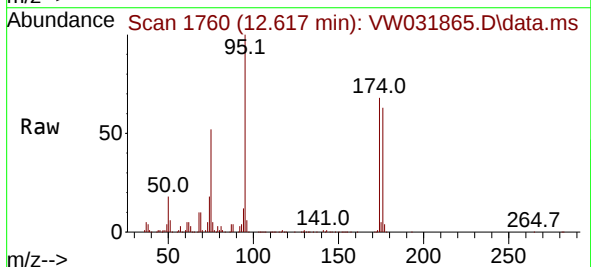
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBL01

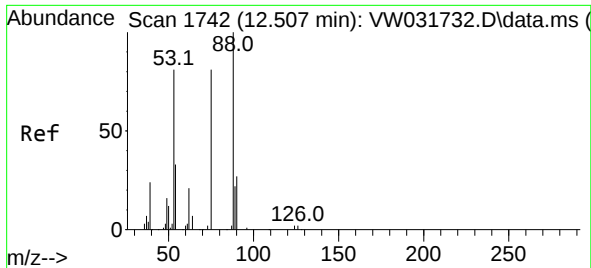
Tgt Ion:152 Resp: 163773
Ion Ratio Lower Upper
152 100
115 64.8 31.9 95.7
150 152.3 0.0 356.4



#76
1,2,3-Trichloropropane
Concen: 37.821 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.146 min
Lab File: VW031865.D
Acq: 16 Jul 2025 09:52

Tgt Ion: 75 Resp: 80044
Ion Ratio Lower Upper
75 100
77 1.1 141.2 423.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.090 ug/l
 RT: 12.617 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VW031865.D
 Acq: 16 Jul 2025 09:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0716SBL01

Tgt Ion: 75 Resp: 80044
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.5 125.3#
 89 0.0 38.3 57.5#

