

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070225\
 Data File : VW031750.D
 Acq On : 02 Jul 2025 10:41
 Operator : SY/MD
 Sample : VW0702SBL03
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0702SBL03

Quant Time: Jul 03 06:09:04 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)

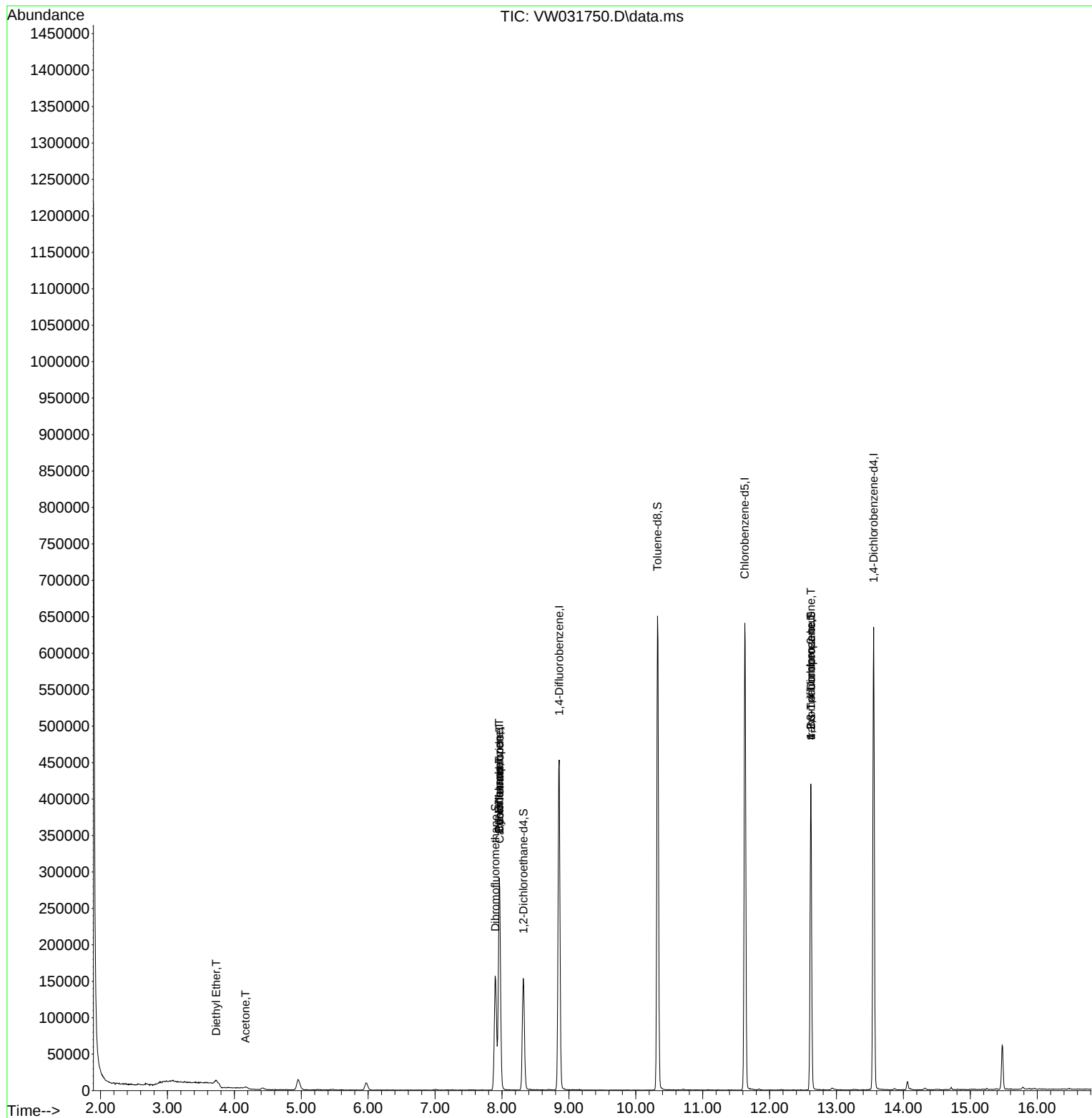
Internal Standards						
1) Pentafluorobenzene	7.959	168	201759	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	378735	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	338286	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	159858	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	129062	44.574	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	=	89.140%	
35) Dibromofluoromethane	7.898	113	112210	45.403	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	=	90.800%	
50) Toluene-d8	10.325	98	423537	46.051	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	=	92.100%	
62) 4-Bromofluorobenzene	12.617	95	146122	43.173	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	=	86.340%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.728	74	2451	1.631	ug/l	68
16) Acetone	4.167	43	2922	4.083	ug/l #	87
20) Methylene Chloride	4.954	84	11566	Below Cal		96
31) Cyclohexane	7.959	56	5020	1.218	ug/l #	5
36) 1,1-Dichloropropene	7.959	75	17810	4.980	ug/l #	52
38) Carbon Tetrachloride	7.965	117	23283	6.389	ug/l #	17
76) 1,2,3-Trichloropropane	12.617	75	76903	37.227	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.617	75	76903	86.706	ug/l #	8

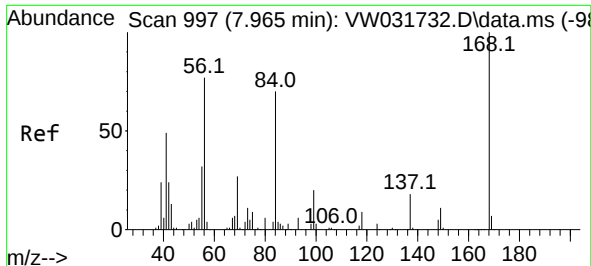
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
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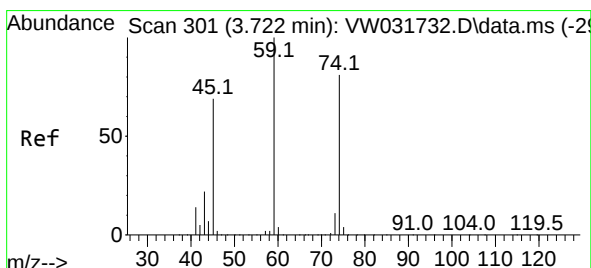
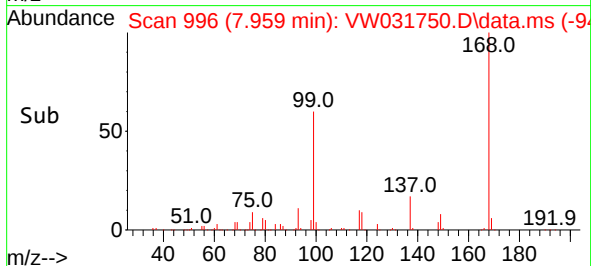
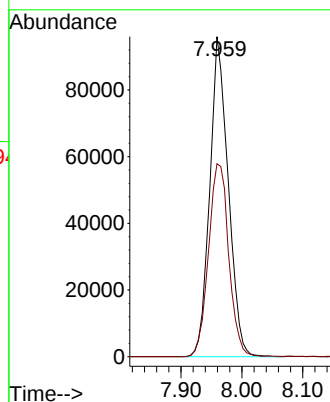
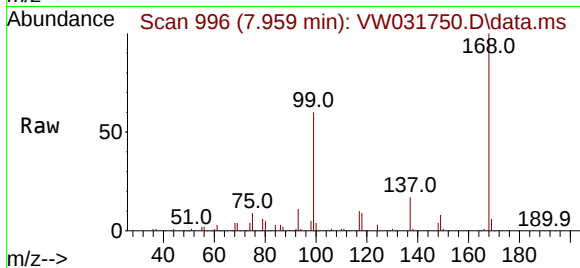




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW031750.D
Acq: 02 Jul 2025 10:41

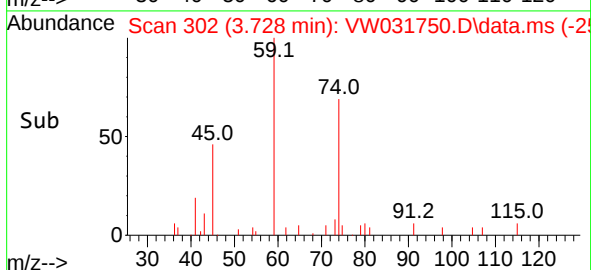
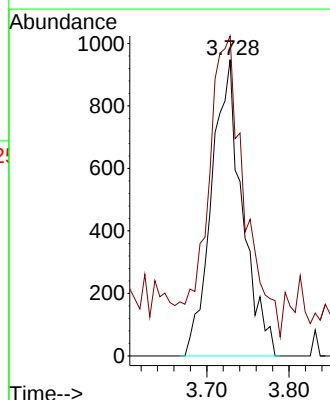
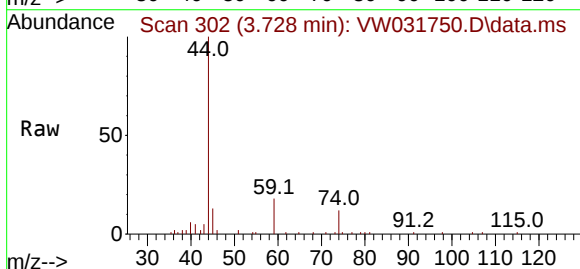
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MSVOA_W
ClientSampleId :
VW0702SBL03

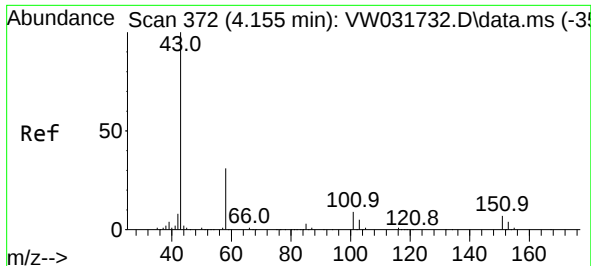
Tgt Ion:168 Resp: 201759
Ion Ratio Lower Upper
168 100
99 60.3 49.4 74.2



#8
Diethyl Ether
Concen: 1.631 ug/l
RT: 3.728 min Scan# 302
Delta R.T. 0.006 min
Lab File: VW031750.D
Acq: 02 Jul 2025 10:41

Tgt Ion: 74 Resp: 2451
Ion Ratio Lower Upper
74 100
45 117.8 43.9 131.7

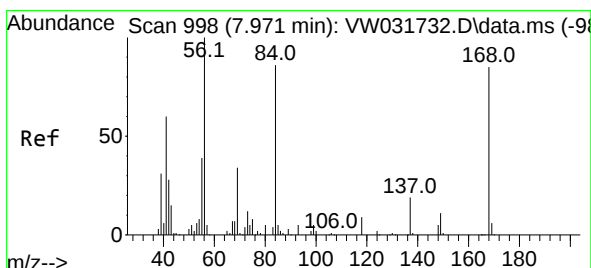
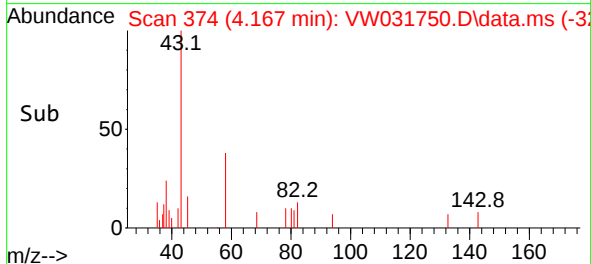
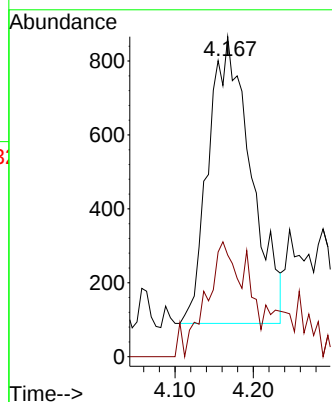
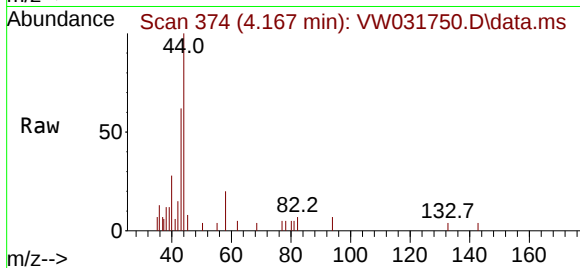




#16
Acetone
Concen: 4.083 ug/l
RT: 4.167 min Scan# 31
Delta R.T. 0.012 min
Lab File: VW031750.D
Acq: 02 Jul 2025 10:41

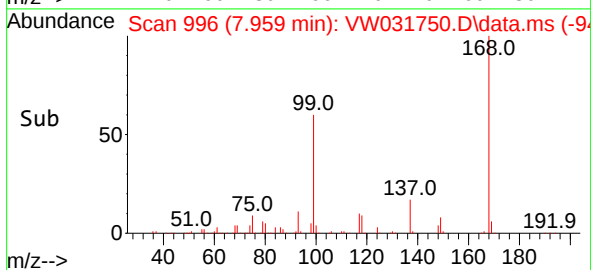
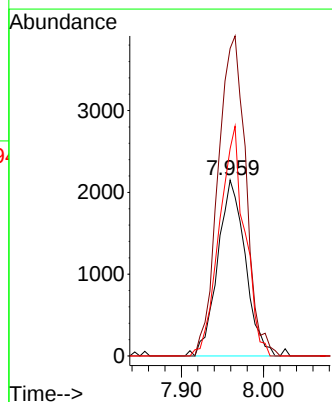
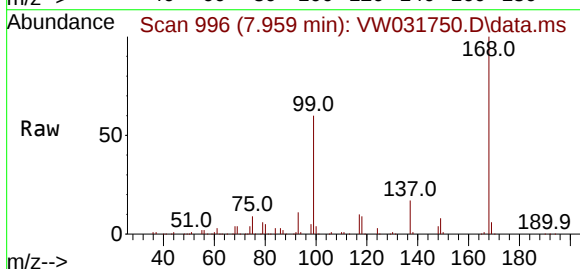
Instrument :
MSVOA_W
ClientSampleId :
VW0702SBL03

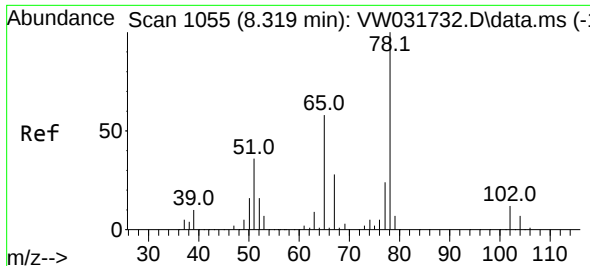
Tgt Ion: 43 Resp: 2922
Ion Ratio Lower Upper
43 100
58 23.6 24.8 37.2#



#31
Cyclohexane
Concen: 1.218 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.012 min
Lab File: VW031750.D
Acq: 02 Jul 2025 10:41

Tgt Ion: 56 Resp: 5020
Ion Ratio Lower Upper
56 100
69 174.8 27.2 40.8#
84 117.8 68.5 102.7#

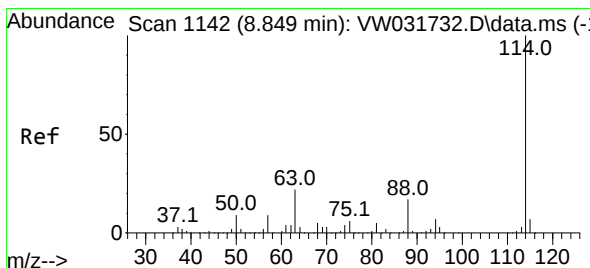
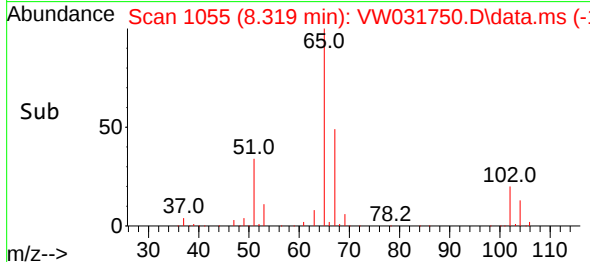
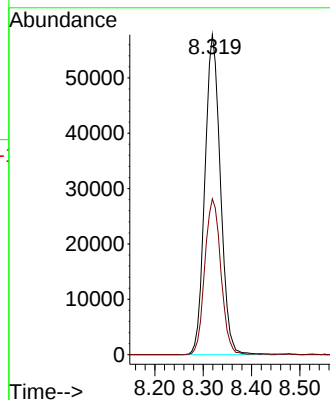
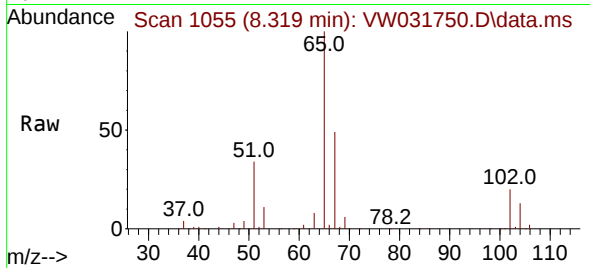




#33
 1,2-Dichloroethane-d4
 Concen: 44.574 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW031750.D
 Acq: 02 Jul 2025 10:41

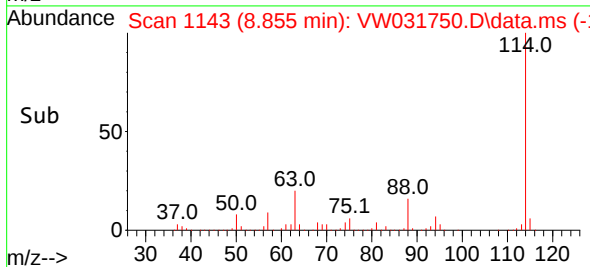
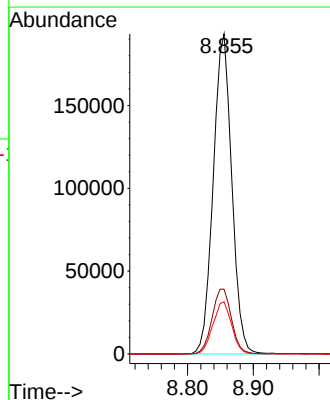
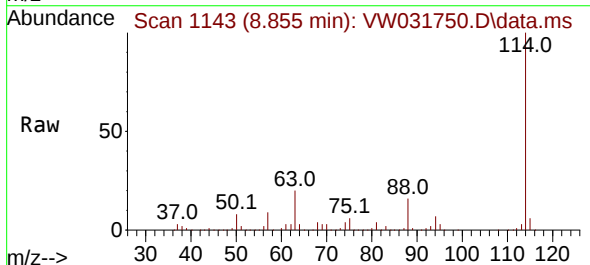
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0702SBL03

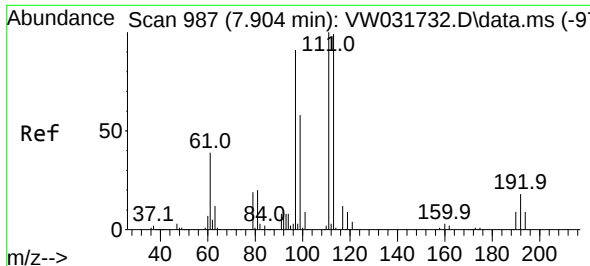
Tgt Ion: 65 Resp: 129062
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.855 min Scan# 1143
 Delta R.T. 0.006 min
 Lab File: VW031750.D
 Acq: 02 Jul 2025 10:41

Tgt Ion: 114 Resp: 378735
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 43.6
 88 16.3 0.0 34.2

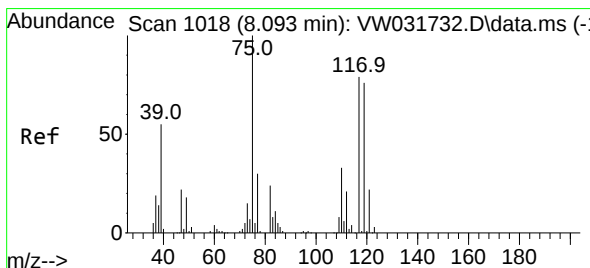
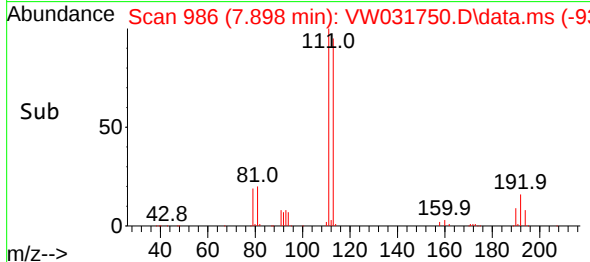
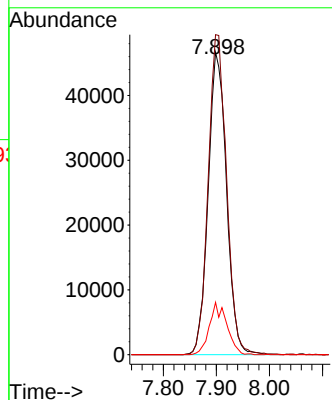
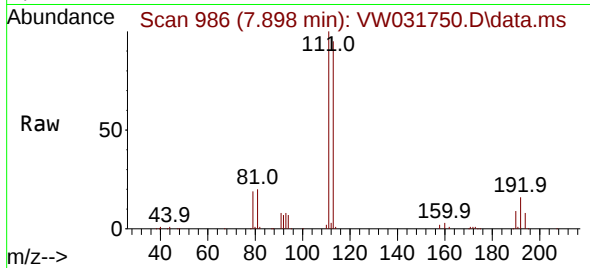




#35
 Dibromofluoromethane
 Concen: 45.403 ug/l
 RT: 7.898 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VW031750.D
 Acq: 02 Jul 2025 10:41

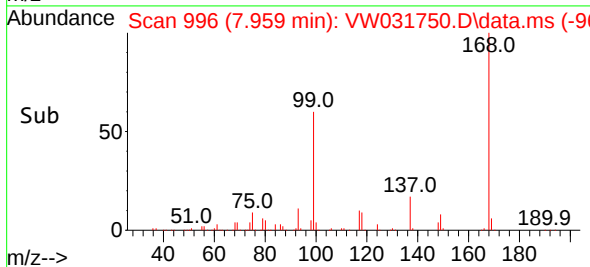
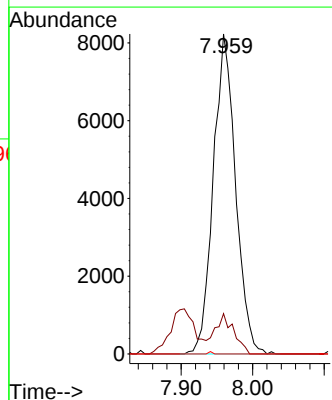
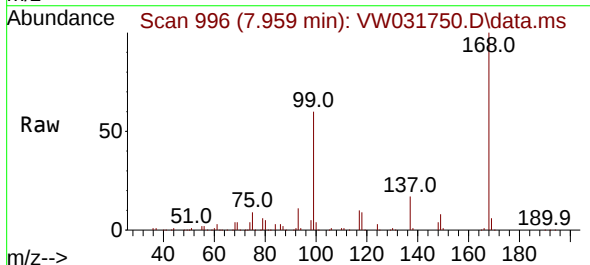
Instrument :
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 ClientSampleId :
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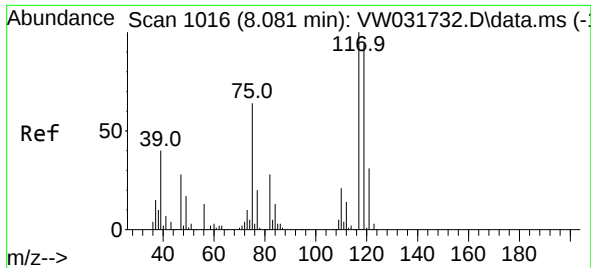
Tgt Ion:113 Resp: 112210
 Ion Ratio Lower Upper
 113 100
 111 105.7 82.1 123.1
 192 16.4 13.8 20.6



#36
 1,1-Dichloropropene
 Concen: 4.980 ug/l
 RT: 7.959 min Scan# 996
 Delta R.T. -0.134 min
 Lab File: VW031750.D
 Acq: 02 Jul 2025 10:41

Tgt Ion: 75 Resp: 17810
 Ion Ratio Lower Upper
 75 100
 110 10.6 16.8 50.4#
 77 0.1 25.0 37.6#

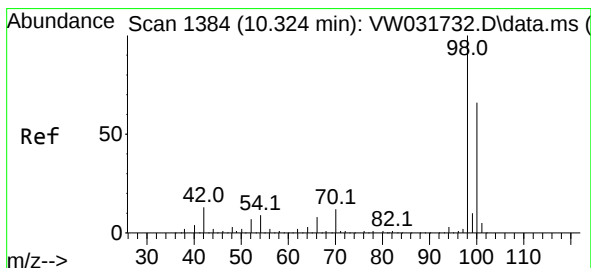
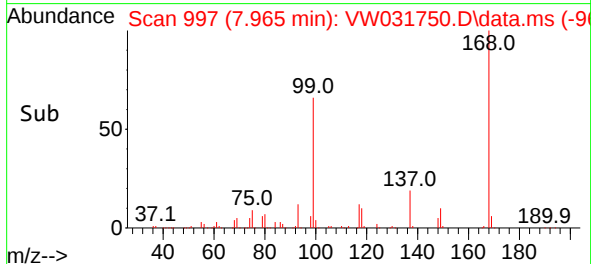
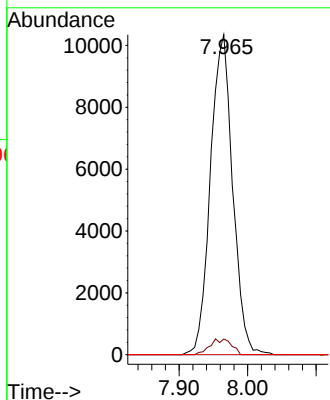
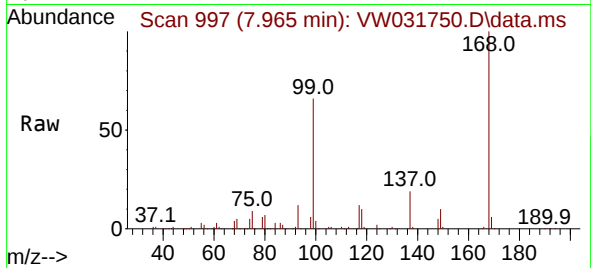




#38
Carbon Tetrachloride
Concen: 6.389 ug/l
RT: 7.965 min Scan# 997
Delta R.T. -0.116 min
Lab File: VW031750.D
Acq: 02 Jul 2025 10:41

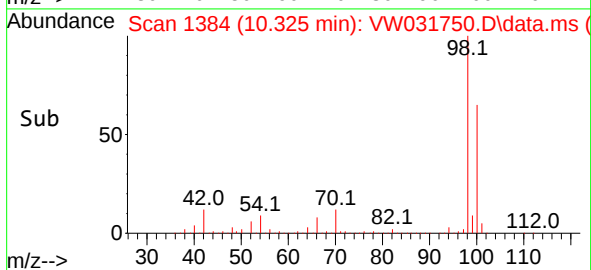
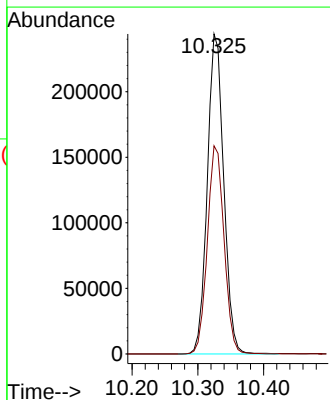
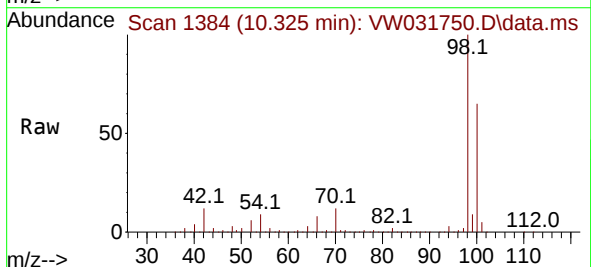
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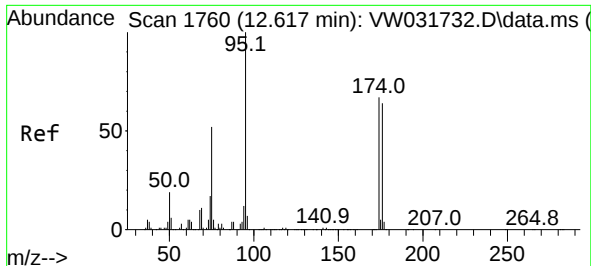
Tgt Ion:117 Resp: 23283
Ion Ratio Lower Upper
117 100
119 4.9 75.0 112.6#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 46.051 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VW031750.D
Acq: 02 Jul 2025 10:41

Tgt Ion: 98 Resp: 423537
Ion Ratio Lower Upper
98 100
100 66.2 53.0 79.4

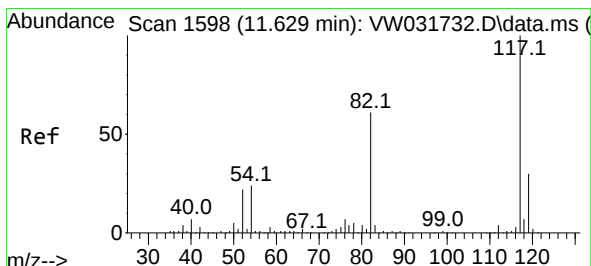
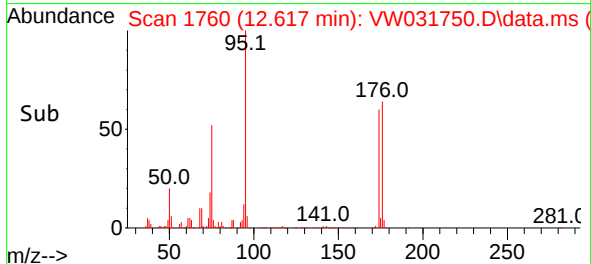
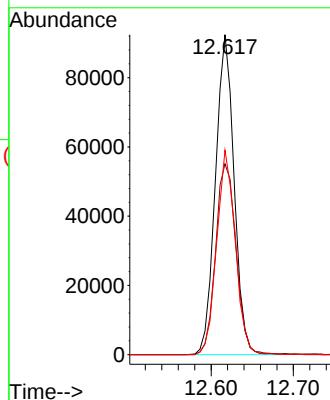
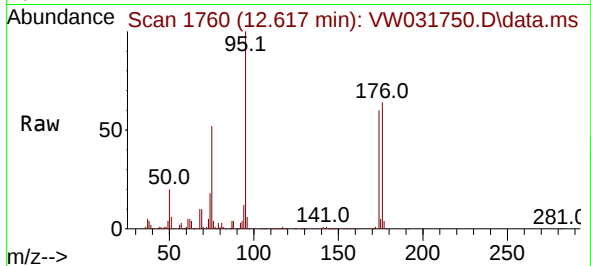




#62
4-Bromofluorobenzene
Concen: 43.173 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031750.D
Acq: 02 Jul 2025 10:41

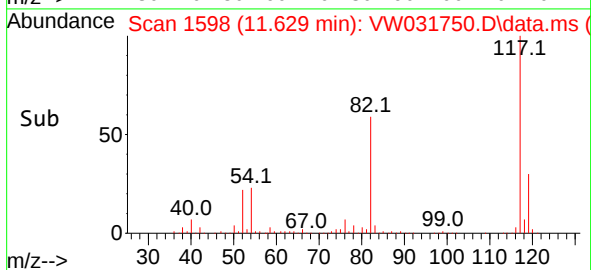
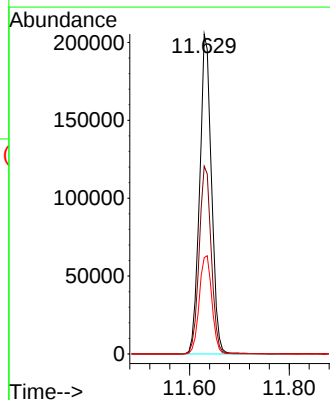
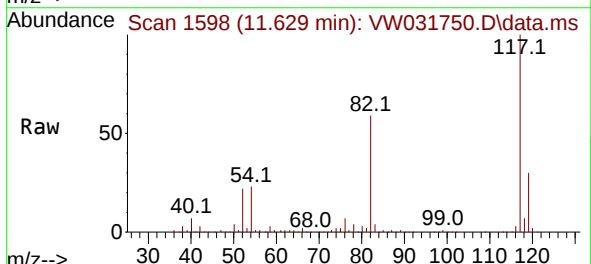
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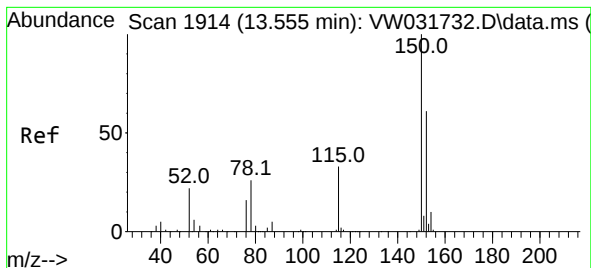
Tgt Ion: 95 Resp: 146122
Ion Ratio Lower Upper
95 100
174 65.3 0.0 133.8
176 63.9 0.0 126.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VW031750.D
Acq: 02 Jul 2025 10:41

Tgt Ion: 117 Resp: 338286
Ion Ratio Lower Upper
117 100
82 58.7 48.6 72.8
119 30.1 23.9 35.9

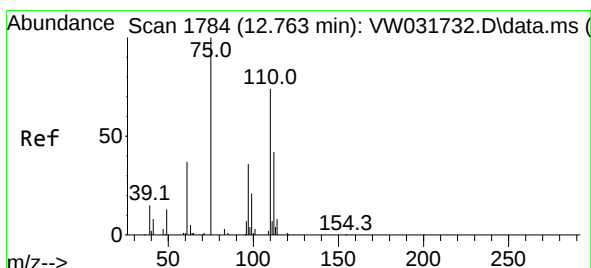
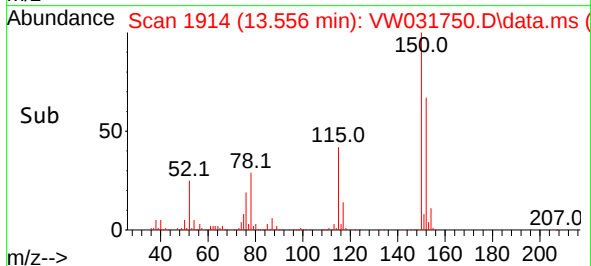
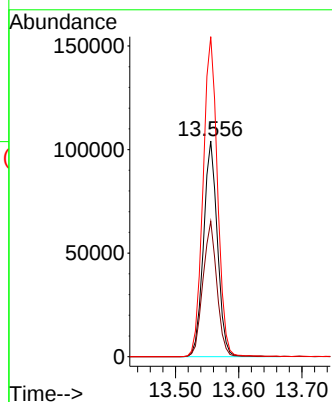
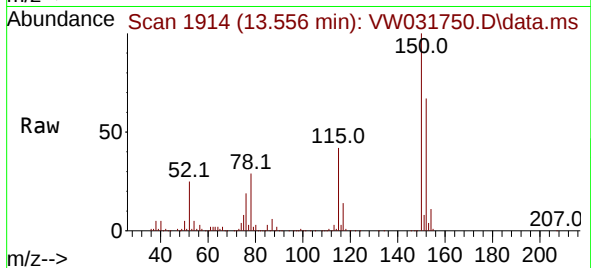




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW031750.D
Acq: 02 Jul 2025 10:41

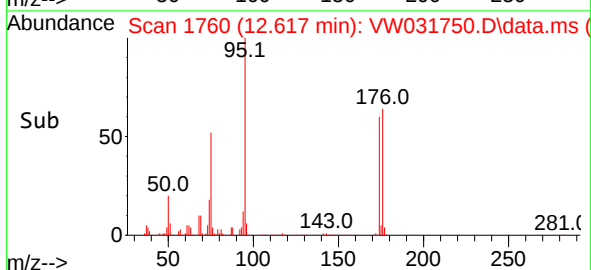
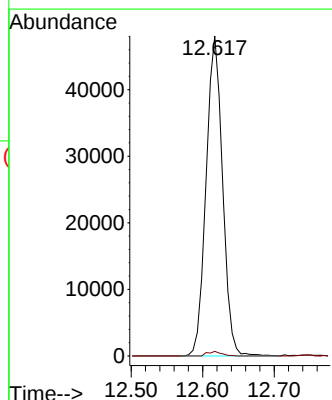
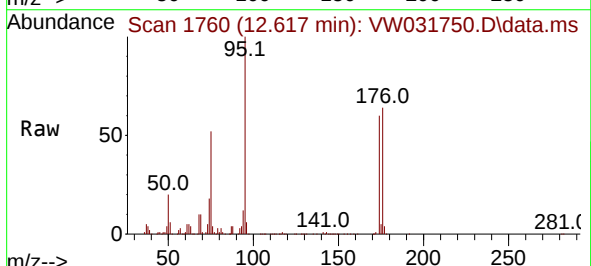
Instrument :
MSVOA_W
ClientSampleId :
VW0702SBL03

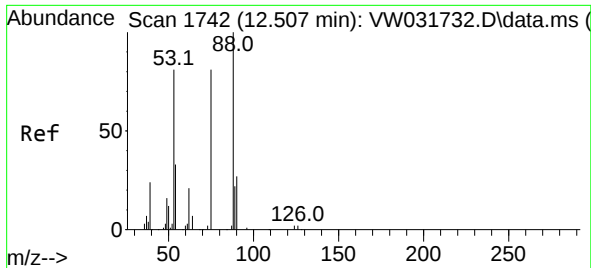
Tgt Ion:152 Resp: 159858
Ion Ratio Lower Upper
152 100
115 63.0 31.9 95.7
150 154.1 0.0 356.4



#76
1,2,3-Trichloropropane
Concen: 37.227 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.146 min
Lab File: VW031750.D
Acq: 02 Jul 2025 10:41

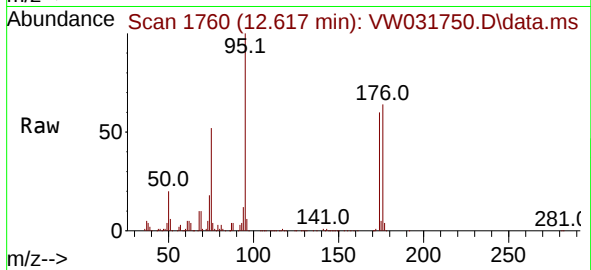
Tgt Ion: 75 Resp: 76903
Ion Ratio Lower Upper
75 100
77 1.2 141.2 423.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.706 ug/l
 RT: 12.617 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VW031750.D
 Acq: 02 Jul 2025 10:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0702SBL03



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.1	83.5	125.3#
89	0.0	38.3	57.5#

