

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070225\
 Data File : VW031748.D
 Acq On : 02 Jul 2025 09:57
 Operator : SY/MD
 Sample : VW0702SBL01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0702SBL01

Quant Time: Jul 03 06:08:17 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)

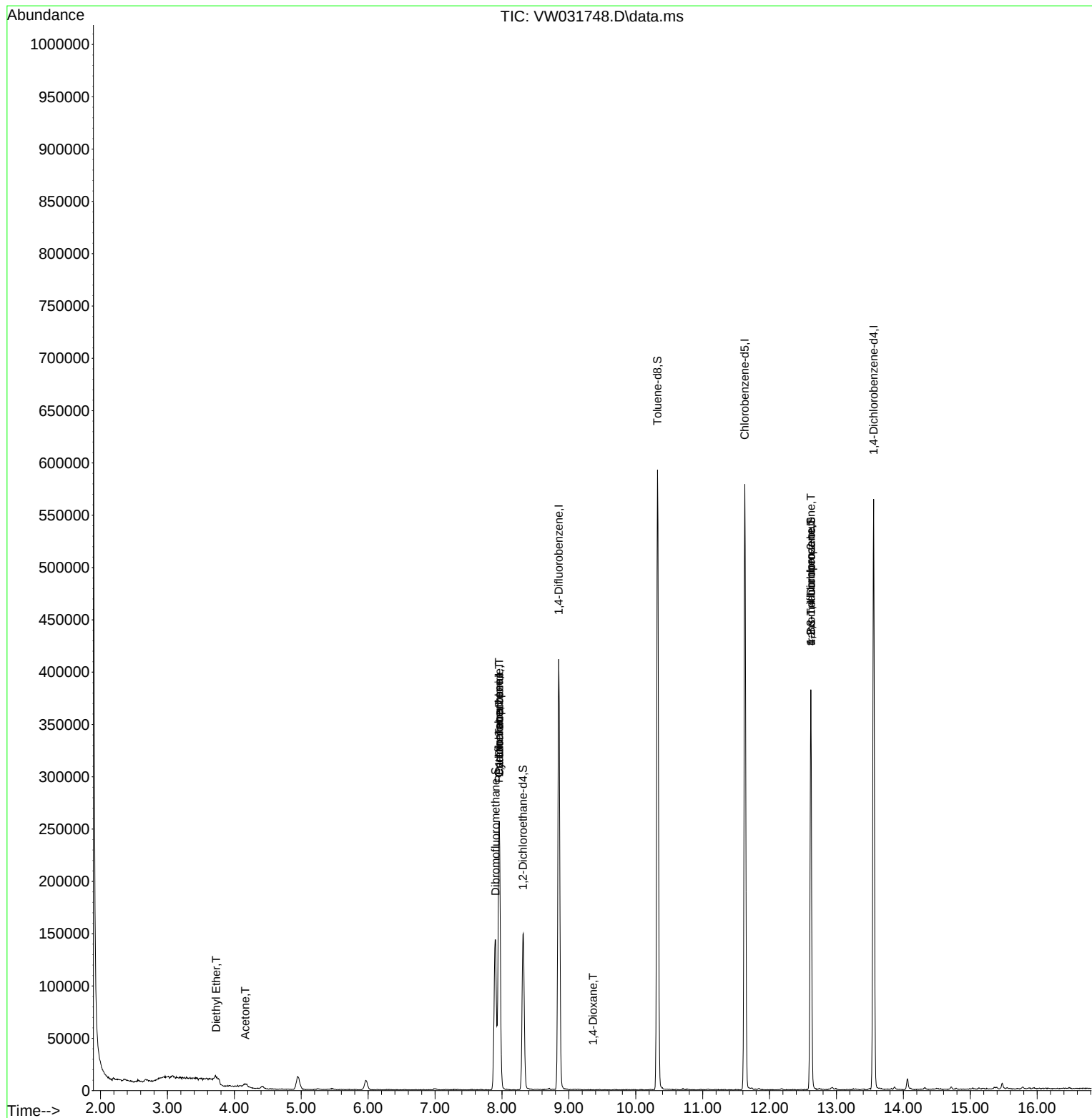
Internal Standards						
1) Pentafluorobenzene	7.953	168	182177	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.849	114	343025	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	313111	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	137688	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	128241	49.051	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	98.100%
35) Dibromofluoromethane	7.904	113	106614	47.630	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	95.260%
50) Toluene-d8	10.325	98	394130	47.315	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	94.620%
62) 4-Bromofluorobenzene	12.617	95	131193	42.798	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	85.600%
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.728	74	1619	1.193	ug/l	59
16) Acetone	4.161	43	6204	9.601	ug/l	98
20) Methylene Chloride	4.960	84	10406	Below Cal		91
31) Cyclohexane	7.959	56	4828	1.297	ug/l #	16
36) 1,1-Dichloropropene	7.959	75	16529	5.103	ug/l #	50
38) Carbon Tetrachloride	7.959	117	20509	6.214	ug/l #	17
49) 1,4-Dioxane	9.362	88	26	1.485	ug/l #	13
76) 1,2,3-Trichloropropane	12.617	75	69982	39.331	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.617	75	69982	91.608	ug/l #	8

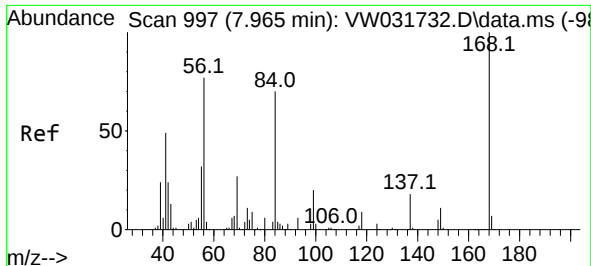
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0702SBL01

Quant Time: Jul 03 06:08:17 2025
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Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

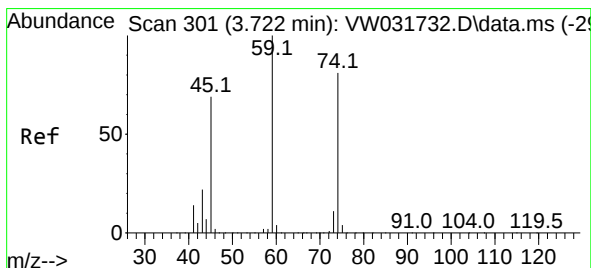
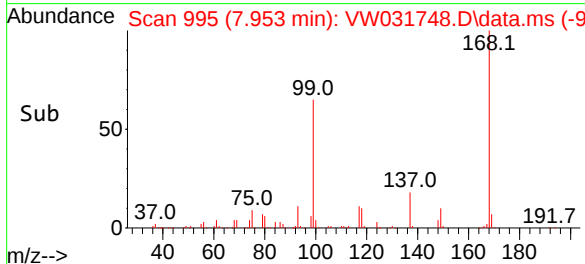
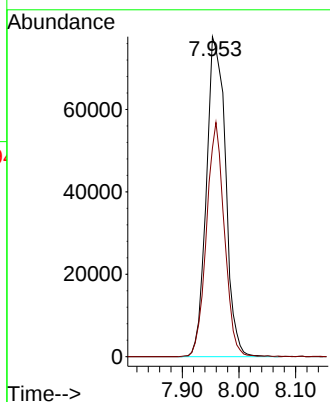
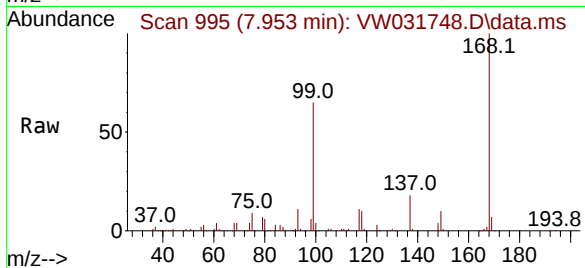




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.953 min Scan# 995
Delta R.T. -0.012 min
Lab File: VW031748.D
Acq: 02 Jul 2025 09:57

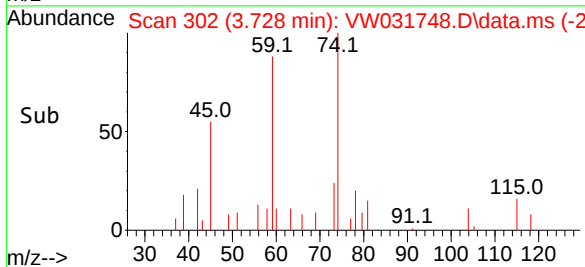
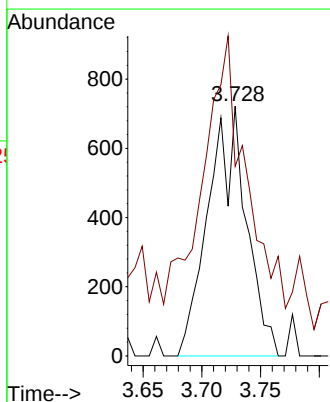
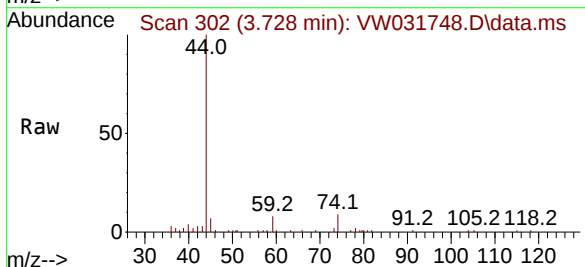
Instrument :
MSVOA_W
ClientSampleId :
VW0702SBL01

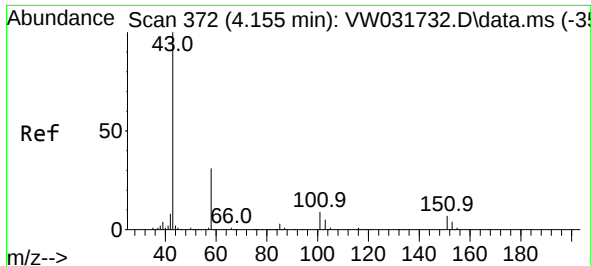
Tgt Ion:168 Resp: 182177
Ion Ratio Lower Upper
168 100
99 65.2 49.4 74.2



#8
Diethyl Ether
Concen: 1.193 ug/l
RT: 3.728 min Scan# 302
Delta R.T. 0.007 min
Lab File: VW031748.D
Acq: 02 Jul 2025 09:57

Tgt Ion: 74 Resp: 1619
Ion Ratio Lower Upper
74 100
45 125.6 43.9 131.7

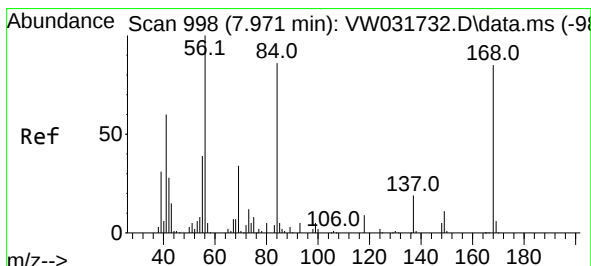
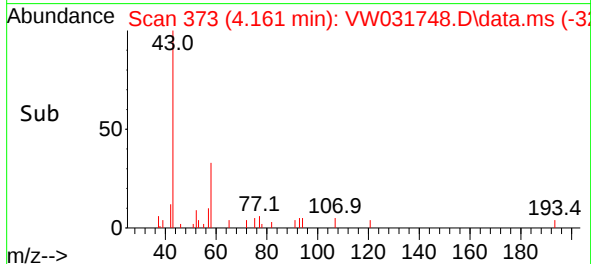
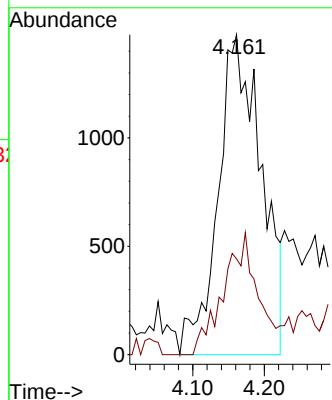
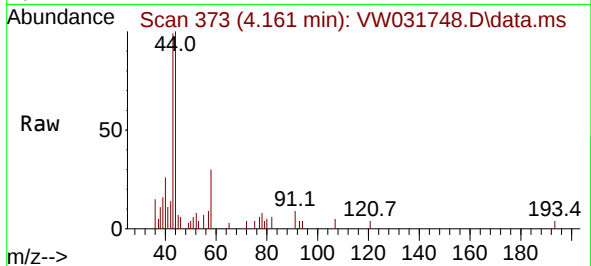




#16
Acetone
Concen: 9.601 ug/l
RT: 4.161 min Scan# 31
Delta R.T. 0.006 min
Lab File: VW031748.D
Acq: 02 Jul 2025 09:57

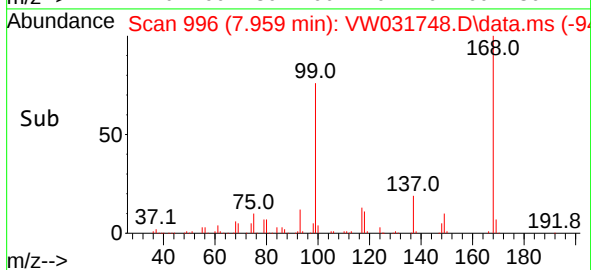
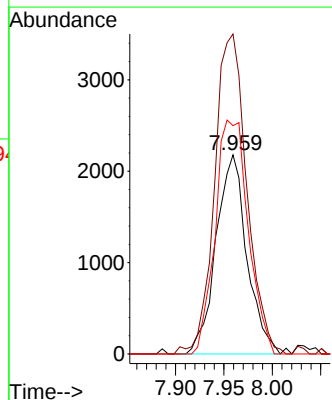
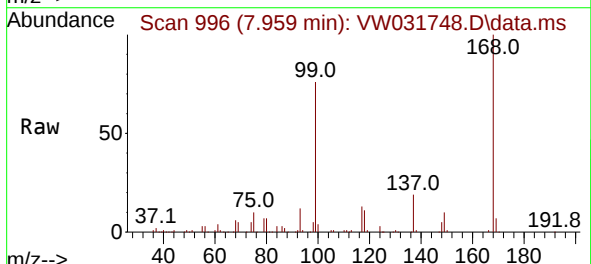
Instrument :
MSVOA_W
ClientSampleId :
VW0702SBL01

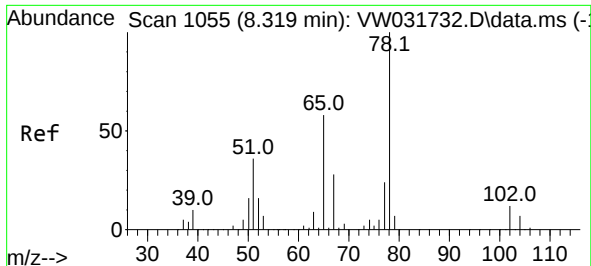
Tgt Ion: 43 Resp: 6204
Ion Ratio Lower Upper
43 100
58 29.9 24.8 37.2



#31
Cyclohexane
Concen: 1.297 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.012 min
Lab File: VW031748.D
Acq: 02 Jul 2025 09:57

Tgt Ion: 56 Resp: 4828
Ion Ratio Lower Upper
56 100
69 158.3 27.2 40.8#
84 114.7 68.5 102.7#

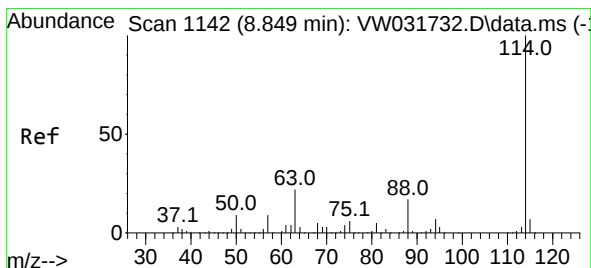
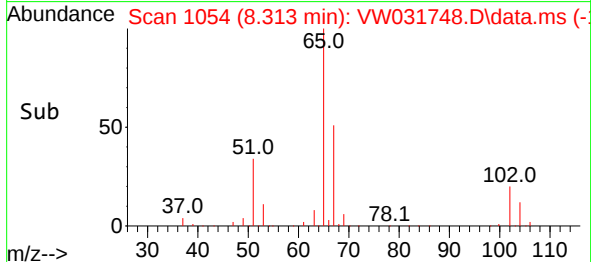
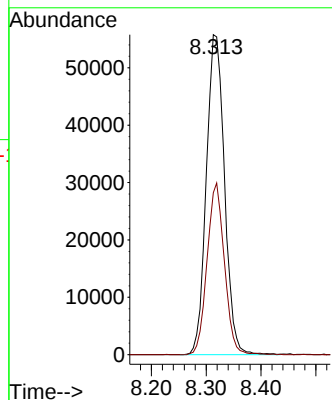
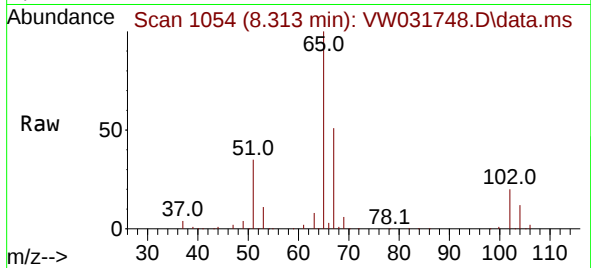




#33
 1,2-Dichloroethane-d4
 Concen: 49.051 ug/l
 RT: 8.313 min Scan# 1055
 Delta R.T. -0.006 min
 Lab File: VW031748.D
 Acq: 02 Jul 2025 09:57

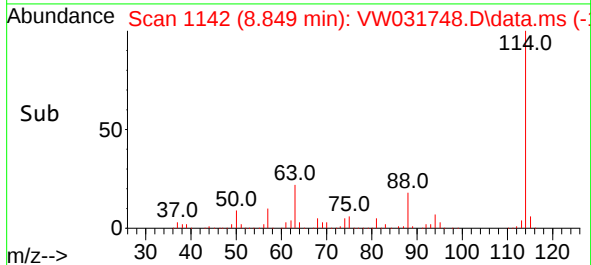
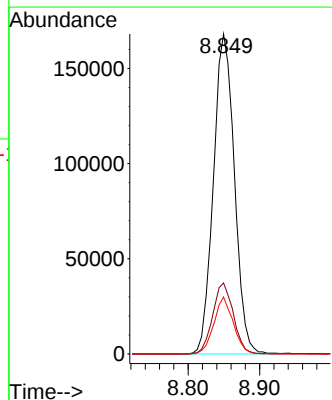
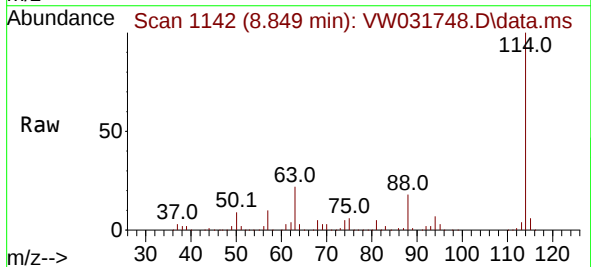
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0702SBL01

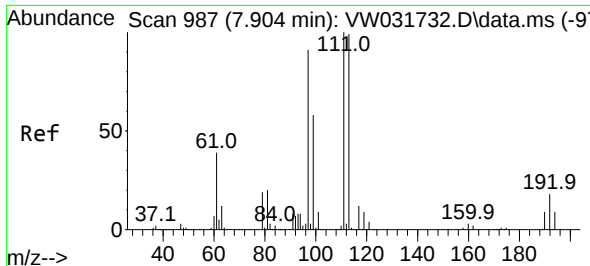
Tgt Ion: 65 Resp: 128241
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VW031748.D
 Acq: 02 Jul 2025 09:57

Tgt Ion: 114 Resp: 343025
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 43.6
 88 17.8 0.0 34.2

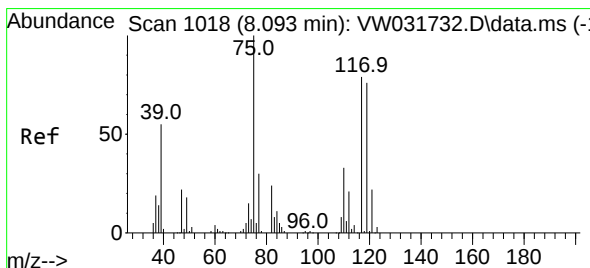
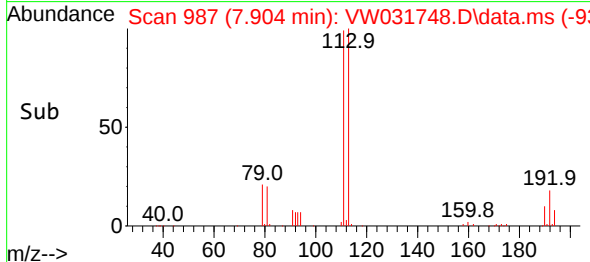
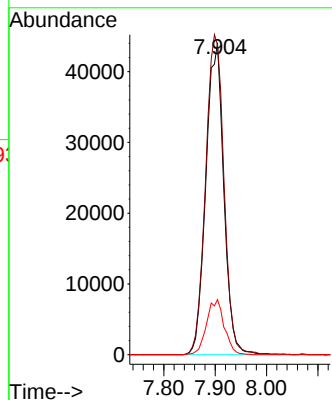
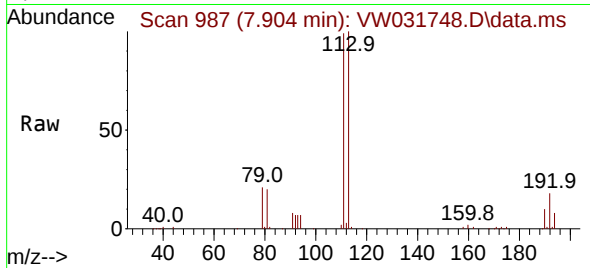




#35
 Dibromofluoromethane
 Concen: 47.630 ug/l
 RT: 7.904 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VW031748.D
 Acq: 02 Jul 2025 09:57

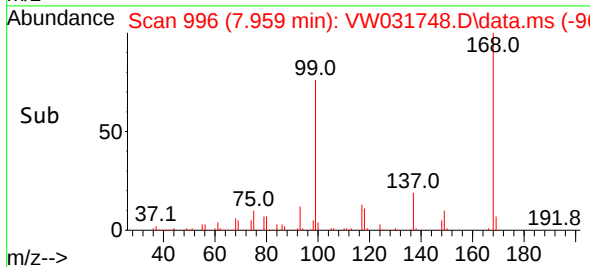
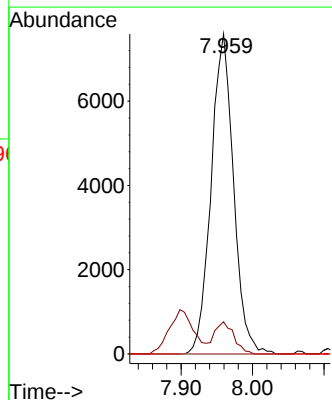
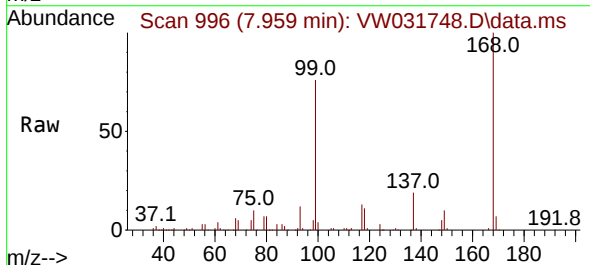
Instrument :
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 ClientSampleId :
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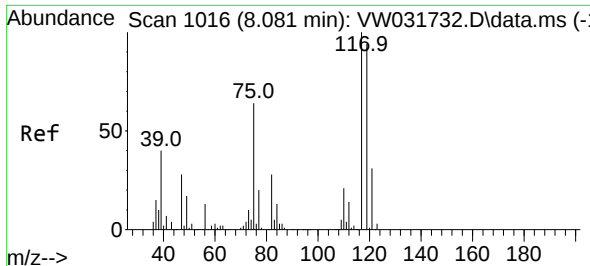
Tgt Ion:113 Resp: 106614
 Ion Ratio Lower Upper
 113 100
 111 105.4 82.1 123.1
 192 17.5 13.8 20.6



#36
 1,1-Dichloropropene
 Concen: 5.103 ug/l
 RT: 7.959 min Scan# 996
 Delta R.T. -0.134 min
 Lab File: VW031748.D
 Acq: 02 Jul 2025 09:57

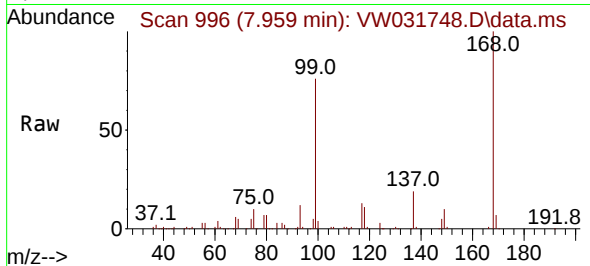
Tgt Ion: 75 Resp: 16529
 Ion Ratio Lower Upper
 75 100
 110 8.8 16.8 50.4#
 77 0.0 25.0 37.6#



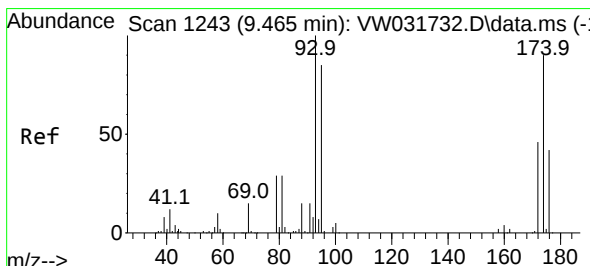
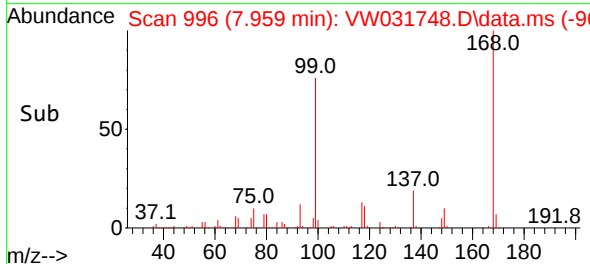
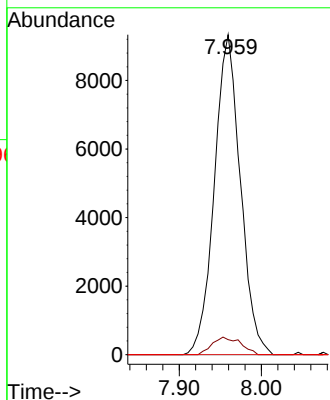


#38
Carbon Tetrachloride
Concen: 6.214 ug/l
RT: 7.959 min Scan# 91
Delta R.T. -0.122 min
Lab File: VW031748.D
Acq: 02 Jul 2025 09:57

Instrument :
MSVOA_W
ClientSampleId :
VW0702SBL01

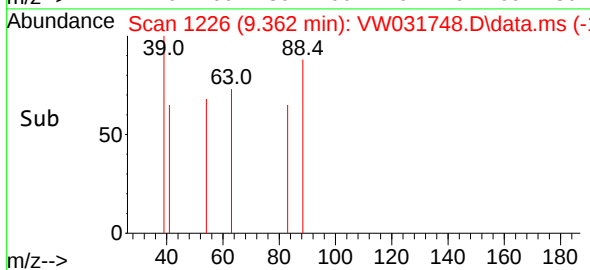
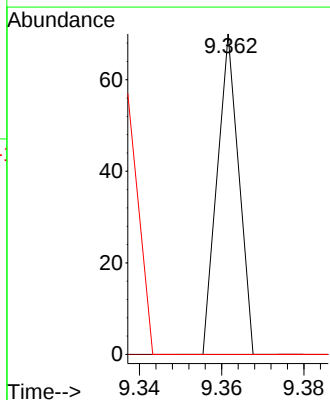
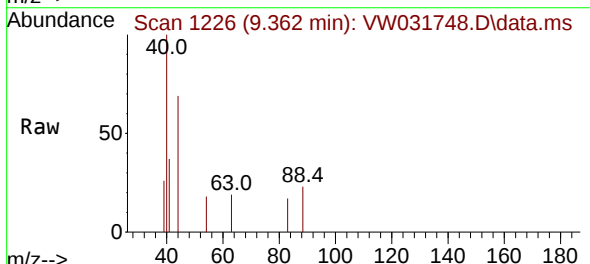


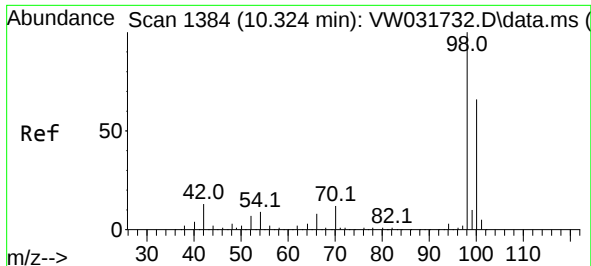
Tgt Ion:117 Resp: 20509
Ion Ratio Lower Upper
117 100
119 4.7 75.0 112.6#
121 0.0 24.6 37.0#



#49
1,4-Dioxane
Concen: 1.485 ug/l
RT: 9.362 min Scan# 1226
Delta R.T. -0.103 min
Lab File: VW031748.D
Acq: 02 Jul 2025 09:57

Tgt Ion: 88 Resp: 26
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 58.3 87.5#

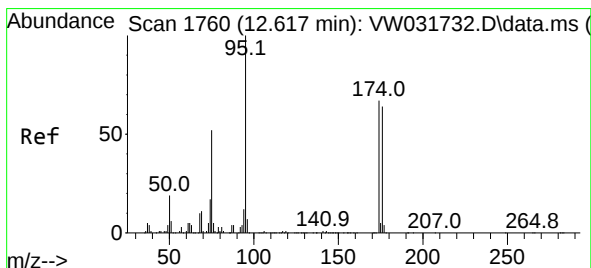
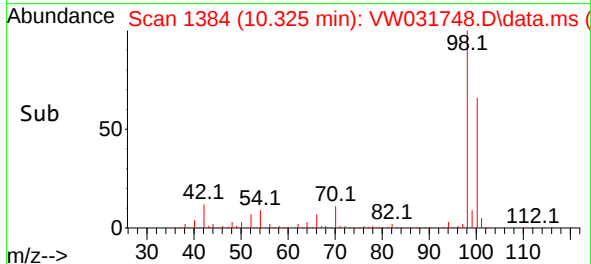
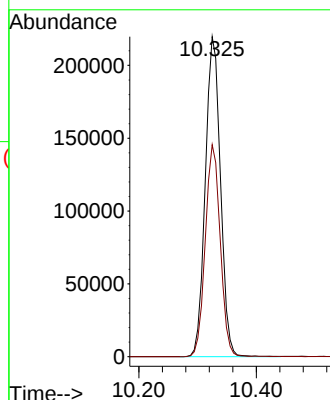
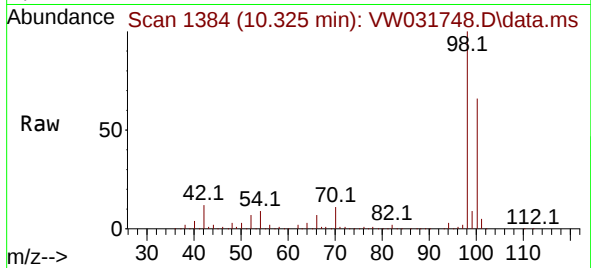




#50
Toluene-d8
Concen: 47.315 ug/l
RT: 10.325 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031748.D
Acq: 02 Jul 2025 09:57

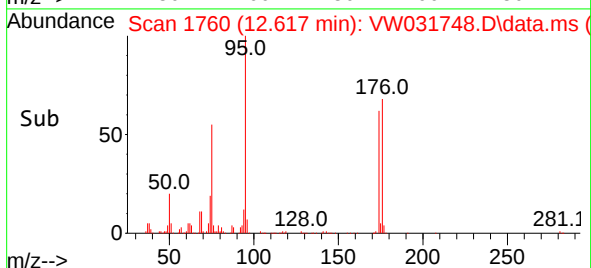
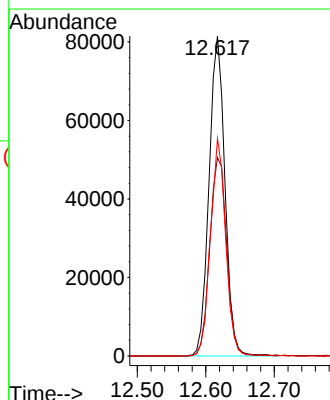
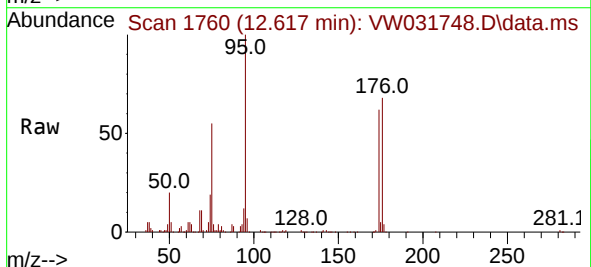
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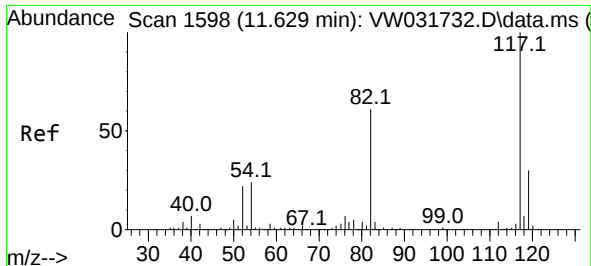
Tgt Ion: 98 Resp: 394130
Ion Ratio Lower Upper
98 100
100 65.2 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 42.798 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031748.D
Acq: 02 Jul 2025 09:57

Tgt Ion: 95 Resp: 131193
Ion Ratio Lower Upper
95 100
174 66.2 0.0 133.8
176 65.3 0.0 126.0

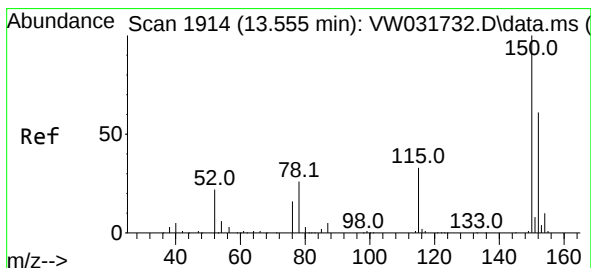
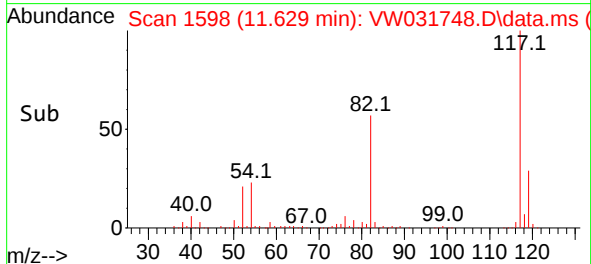
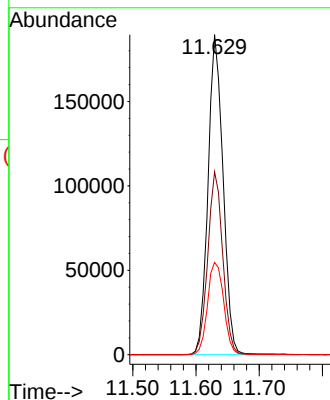
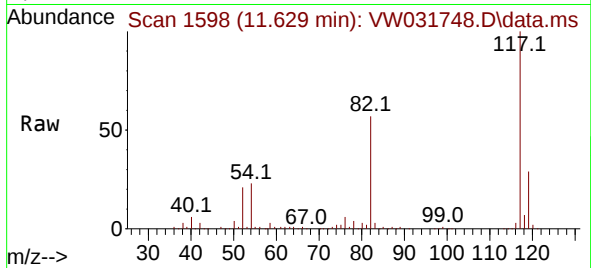




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 117
Delta R.T. 0.000 min
Lab File: VW031748.D
Acq: 02 Jul 2025 09:57

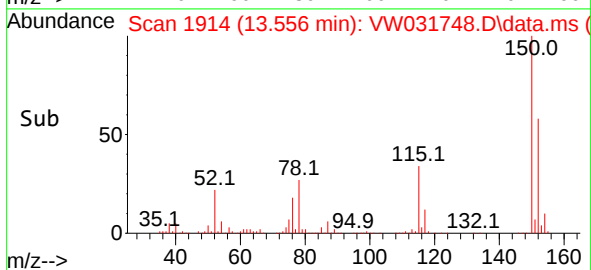
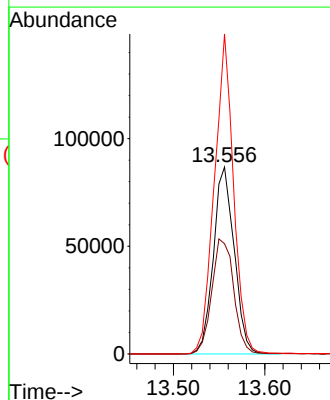
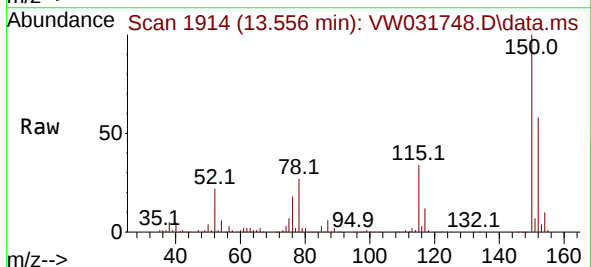
Instrument :
MSVOA_W
ClientSampleId :
VW0702SBL01

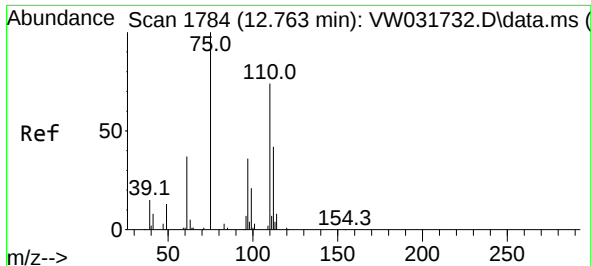
Tgt Ion:117 Resp: 313111
Ion Ratio Lower Upper
117 100
82 57.2 48.6 72.8
119 28.8 23.9 35.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW031748.D
Acq: 02 Jul 2025 09:57

Tgt Ion:152 Resp: 137688
Ion Ratio Lower Upper
152 100
115 65.1 31.9 95.7
150 157.7 0.0 356.4

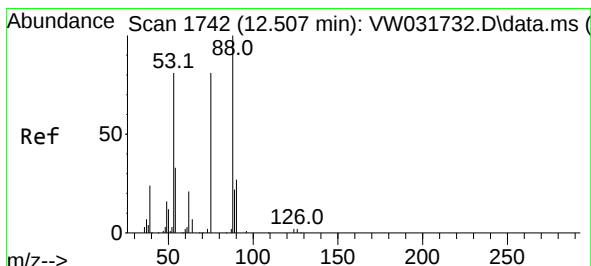
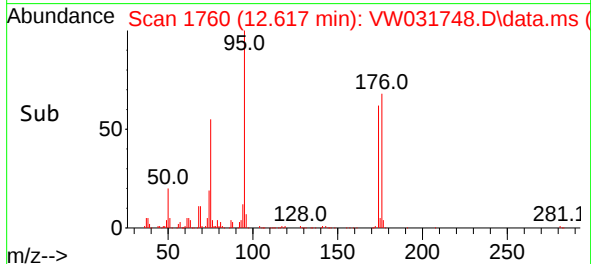
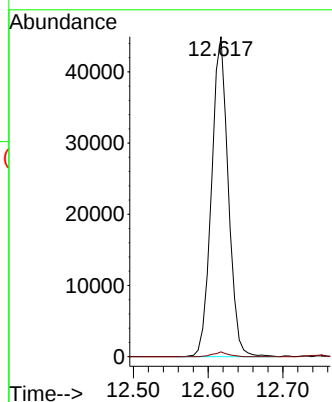
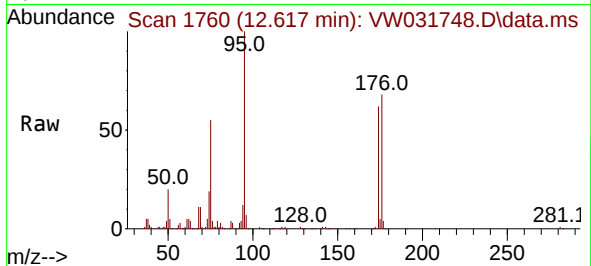




#76
1,2,3-Trichloropropane
Concen: 39.331 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.146 min
Lab File: VW031748.D
Acq: 02 Jul 2025 09:57

Instrument :
MSVOA_W
ClientSampleId :
VW0702SBL01

Tgt Ion: 75 Resp: 69982
Ion Ratio Lower Upper
75 100
77 1.3 141.2 423.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.608 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.110 min
Lab File: VW031748.D
Acq: 02 Jul 2025 09:57

Tgt Ion: 75 Resp: 69982
Ion Ratio Lower Upper
75 100
53 0.0 83.5 125.3#
89 0.0 38.3 57.5#

