

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070225\
 Data File : VW031749.D
 Acq On : 02 Jul 2025 10:19
 Operator : SY/MD
 Sample : VW0702SBL02
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0702SBL02

Quant Time: Jul 03 06:08:43 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)

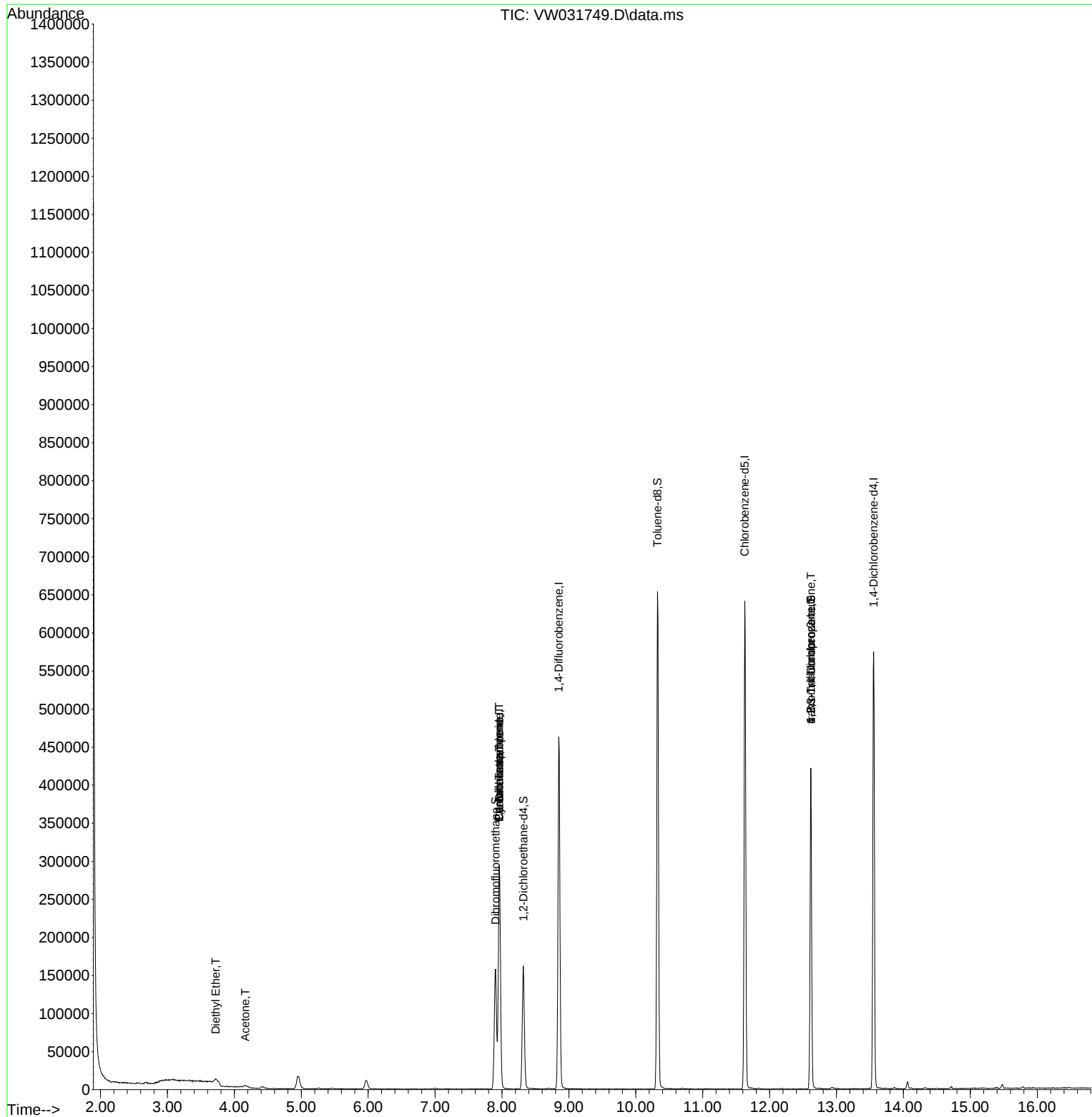
Internal Standards						
1) Pentafluorobenzene	7.959	168	201876	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	379010	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	343842	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	145920	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	130926	45.191	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	90.380%
35) Dibromofluoromethane	7.904	113	115000	46.498	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	93.000%
50) Toluene-d8	10.325	98	428817	46.591	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	93.180%
62) 4-Bromofluorobenzene	12.617	95	139333	41.138	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	82.280%
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.722	74	1914	1.273	ug/l #	46
16) Acetone	4.161	43	3829	5.347	ug/l	98
31) Cyclohexane	7.959	56	5096	1.235	ug/l #	1
36) 1,1-Dichloropropene	7.959	75	18724	5.232	ug/l #	50
38) Carbon Tetrachloride	7.959	117	23508	6.446	ug/l #	18
76) 1,2,3-Trichloropropane	12.617	75	75973	40.289	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.617	75	75973	93.840	ug/l #	8

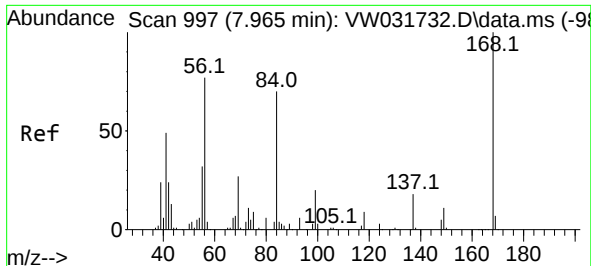
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070225\
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ALS Vial : 4 Sample Multiplier: 1

Instrument :
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Quant Title : SW846 8260
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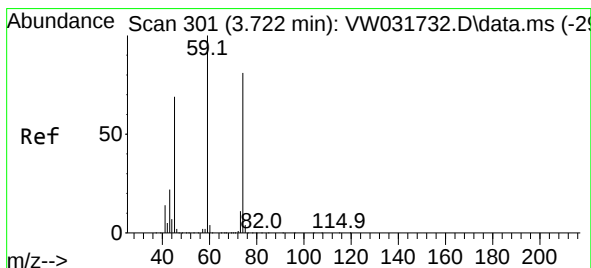
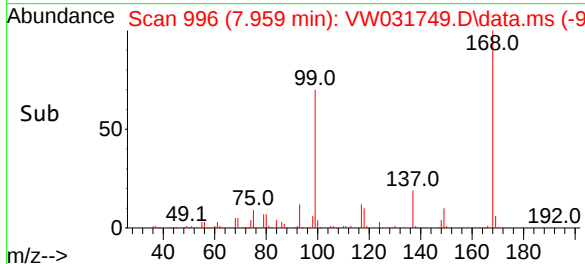
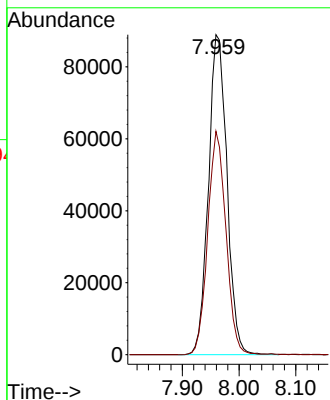
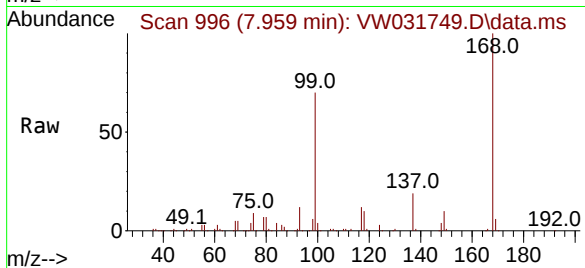




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 997
Delta R.T. -0.006 min
Lab File: VW031749.D
Acq: 02 Jul 2025 10:19

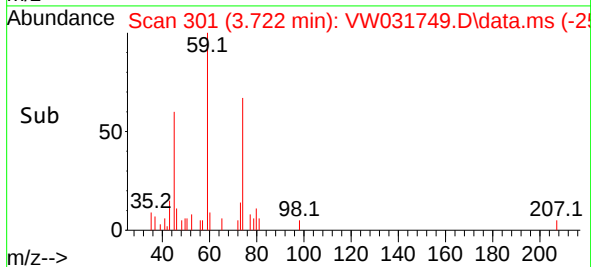
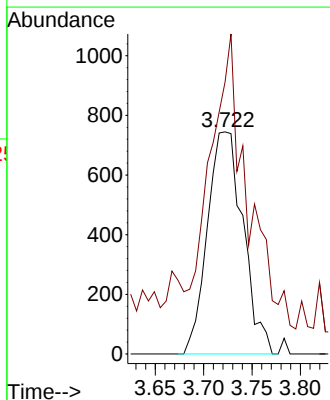
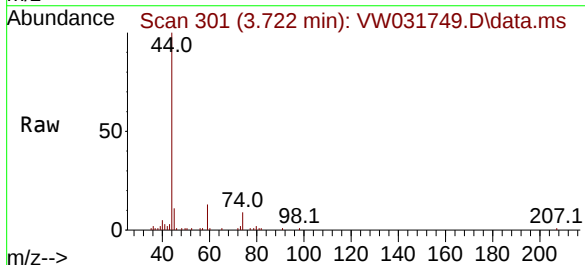
Instrument :
MSVOA_W
ClientSampleId :
VW0702SBL02

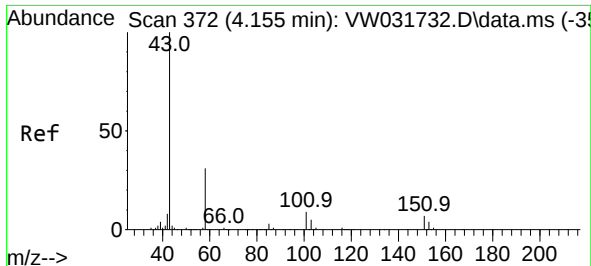
Tgt Ion:168 Resp: 201876
Ion Ratio Lower Upper
168 100
99 69.8 49.4 74.2



#8
Diethyl Ether
Concen: 1.273 ug/l
RT: 3.722 min Scan# 301
Delta R.T. 0.000 min
Lab File: VW031749.D
Acq: 02 Jul 2025 10:19

Tgt Ion: 74 Resp: 1914
Ion Ratio Lower Upper
74 100
45 137.8 43.9 131.7#

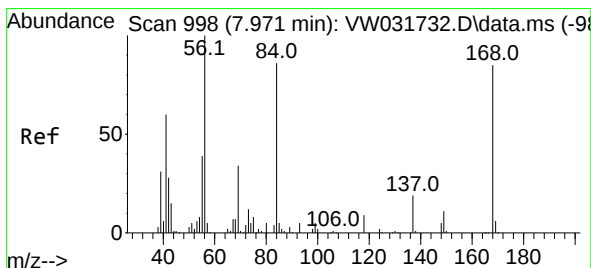
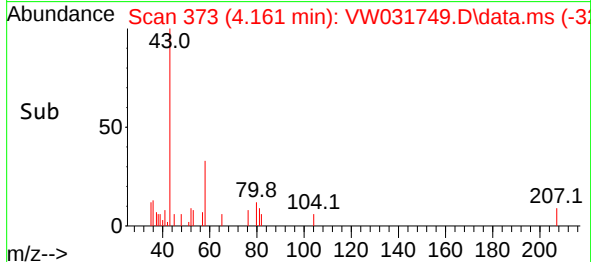
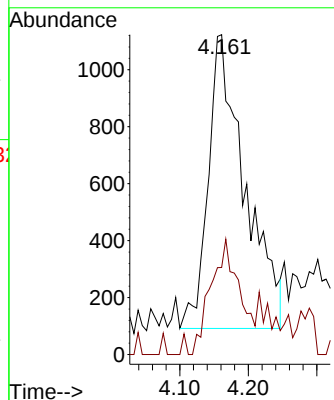
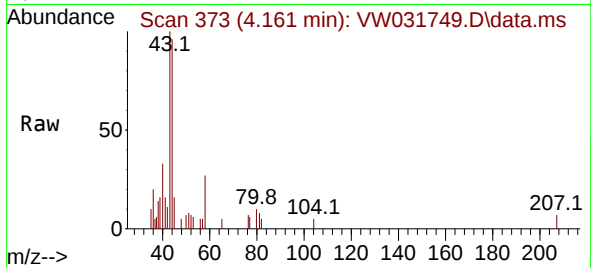




#16
Acetone
Concen: 5.347 ug/l
RT: 4.161 min Scan# 31
Delta R.T. 0.006 min
Lab File: VW031749.D
Acq: 02 Jul 2025 10:19

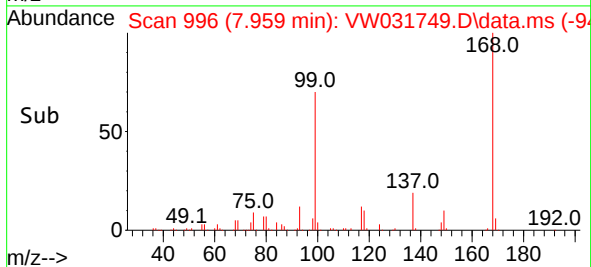
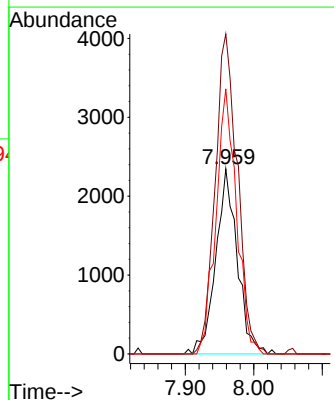
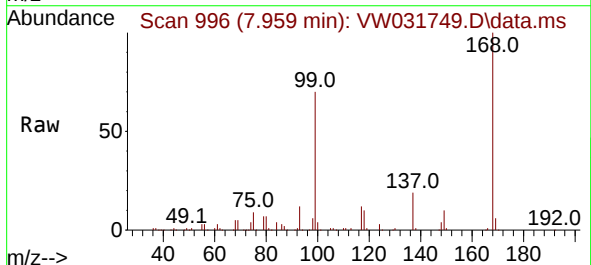
Instrument :
MSVOA_W
ClientSampleId :
VW0702SBL02

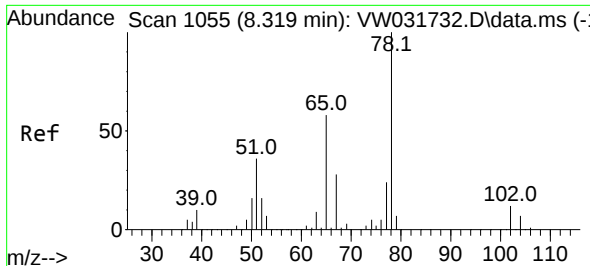
Tgt Ion: 43 Resp: 3829
Ion Ratio Lower Upper
43 100
58 29.7 24.8 37.2



#31
Cyclohexane
Concen: 1.235 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.012 min
Lab File: VW031749.D
Acq: 02 Jul 2025 10:19

Tgt Ion: 56 Resp: 5096
Ion Ratio Lower Upper
56 100
69 172.9 27.2 40.8#
84 143.3 68.5 102.7#

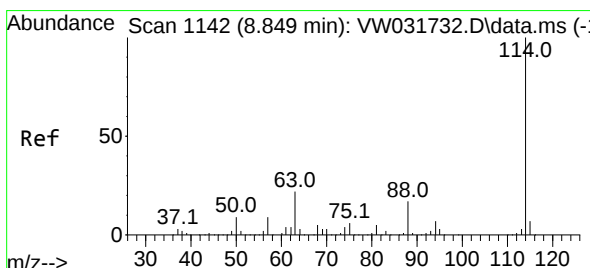
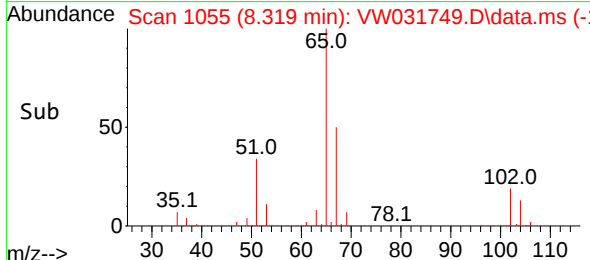
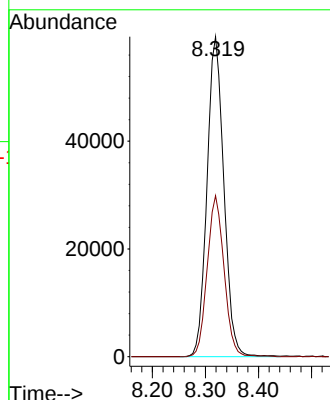
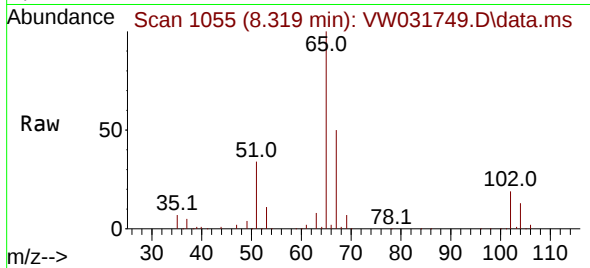




#33
 1,2-Dichloroethane-d4
 Concen: 45.191 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW031749.D
 Acq: 02 Jul 2025 10:19

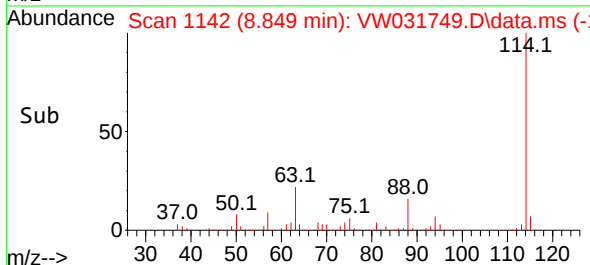
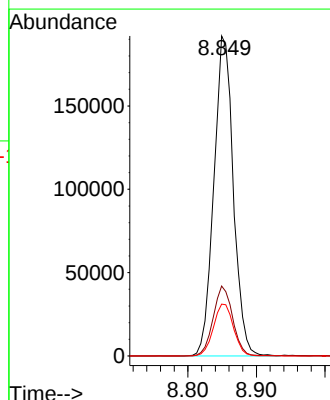
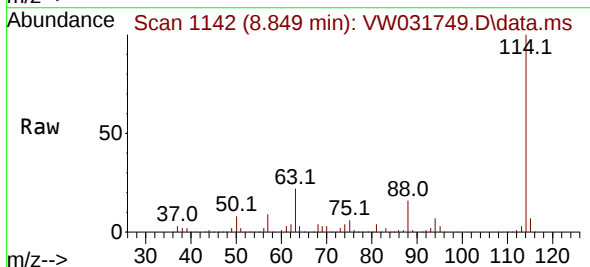
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0702SBL02

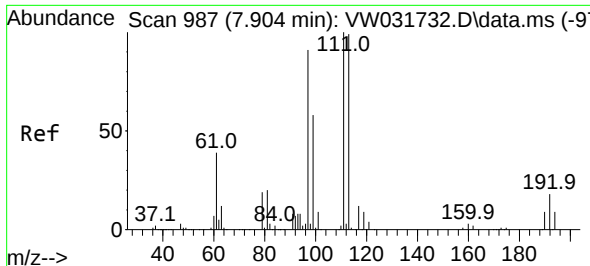
Tgt Ion: 65 Resp: 130926
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VW031749.D
 Acq: 02 Jul 2025 10:19

Tgt Ion: 114 Resp: 379010
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 43.6
 88 16.2 0.0 34.2

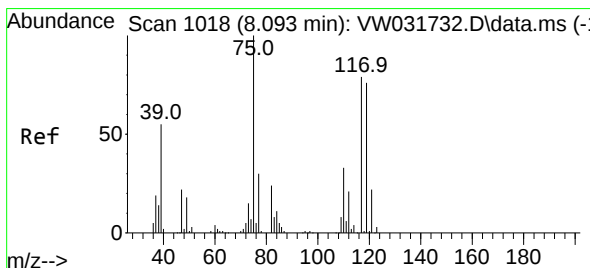
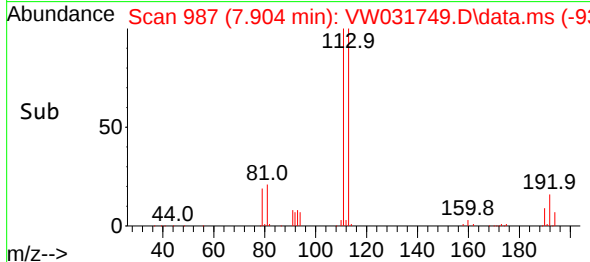
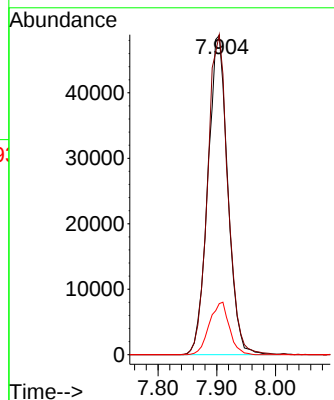
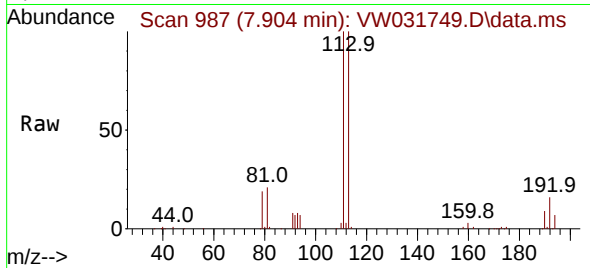




#35
 Dibromofluoromethane
 Concen: 46.498 ug/l
 RT: 7.904 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VW031749.D
 Acq: 02 Jul 2025 10:19

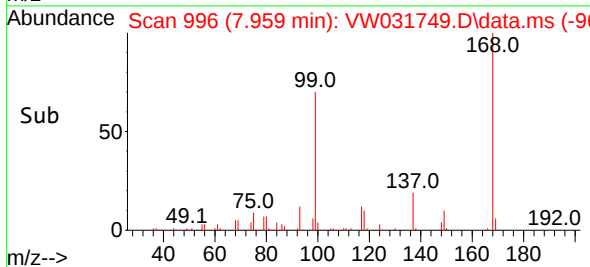
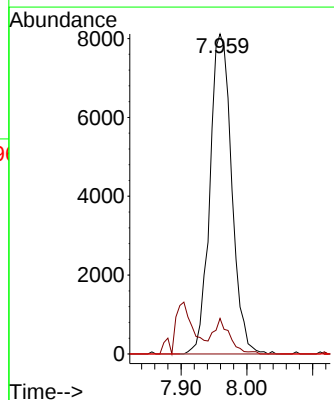
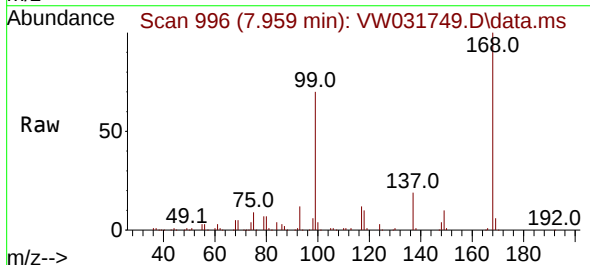
Instrument :
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 ClientSampleId :
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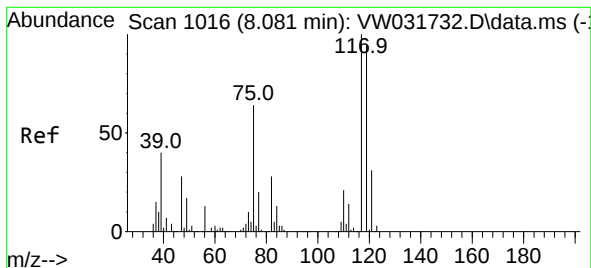
Tgt Ion:113 Resp: 115000
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.1 123.1
 192 16.4 13.8 20.6



#36
 1,1-Dichloropropene
 Concen: 5.232 ug/l
 RT: 7.959 min Scan# 996
 Delta R.T. -0.134 min
 Lab File: VW031749.D
 Acq: 02 Jul 2025 10:19

Tgt Ion: 75 Resp: 18724
 Ion Ratio Lower Upper
 75 100
 110 8.2 16.8 50.4#
 77 0.0 25.0 37.6#





#38

Carbon Tetrachloride

Concen: 6.446 ug/l

RT: 7.959 min Scan# 996

Delta R.T. -0.122 min

Lab File: VW031749.D

Acq: 02 Jul 2025 10:19

Instrument :

MSVOA_W

ClientSampleId :

VW0702SBL02

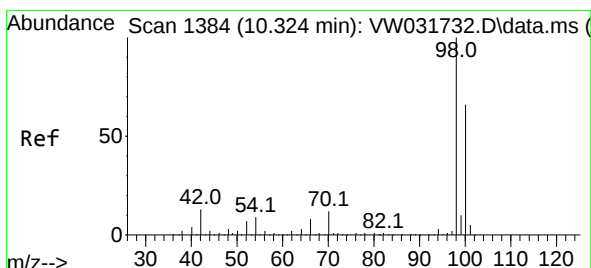
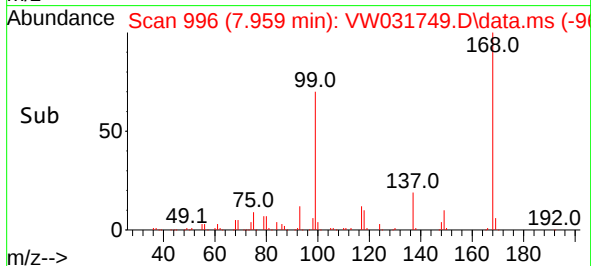
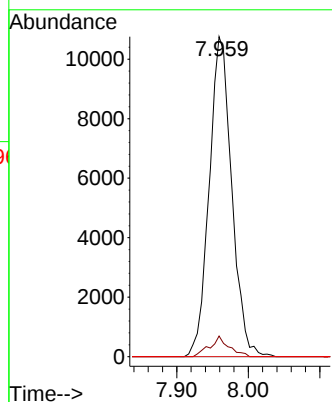
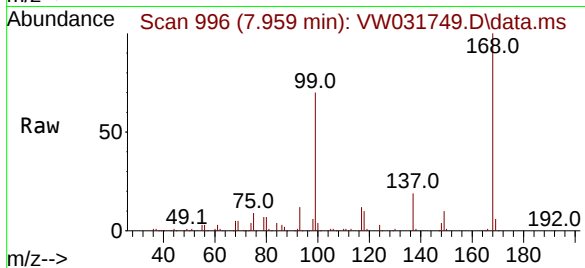
Tgt Ion:117 Resp: 23508

Ion Ratio Lower Upper

117 100

119 6.5 75.0 112.6#

121 0.0 24.6 37.0#



#50

Toluene-d8

Concen: 46.591 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW031749.D

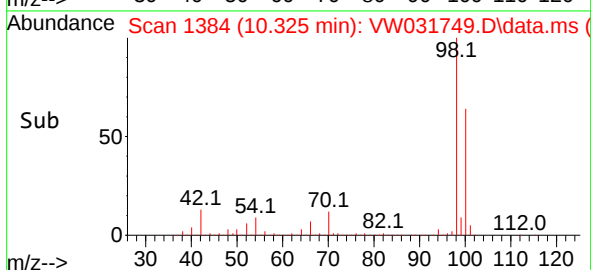
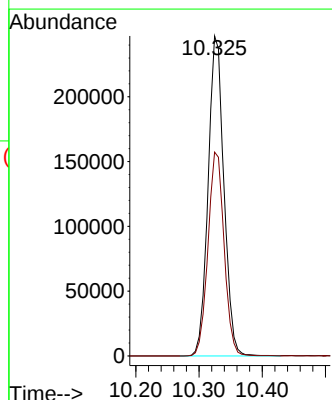
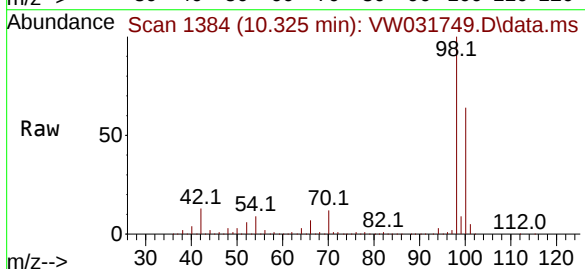
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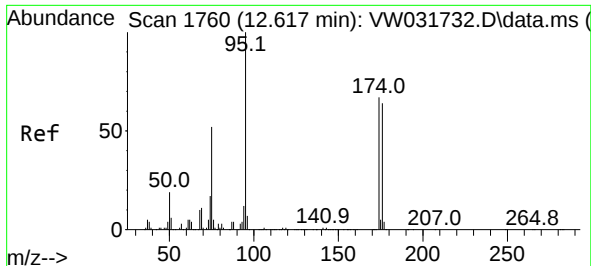
Tgt Ion: 98 Resp: 428817

Ion Ratio Lower Upper

98 100

100 65.1 53.0 79.4

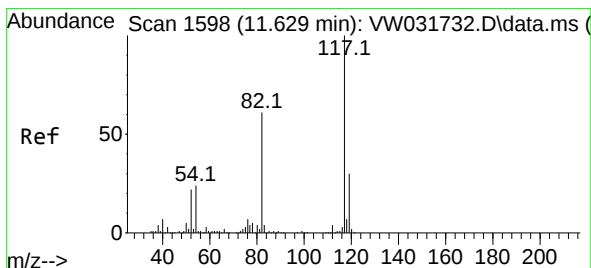
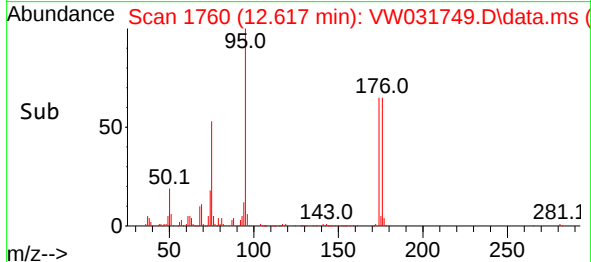
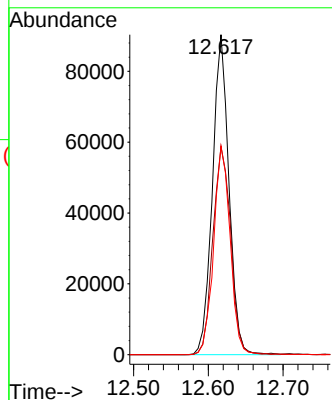
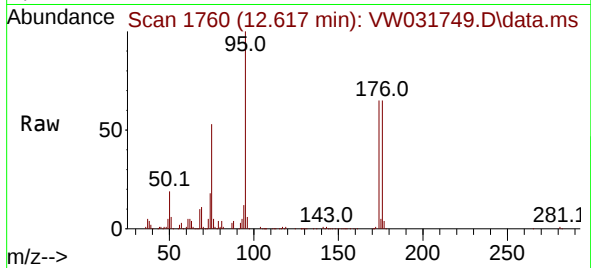




#62
4-Bromofluorobenzene
Concen: 41.138 ug/l
RT: 12.617 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031749.D
Acq: 02 Jul 2025 10:19

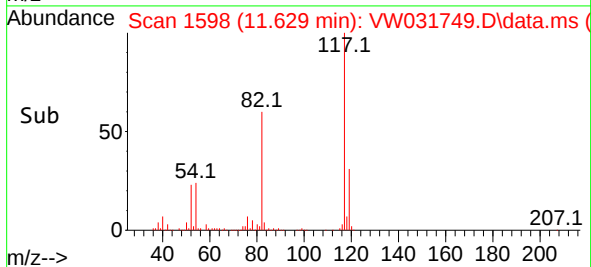
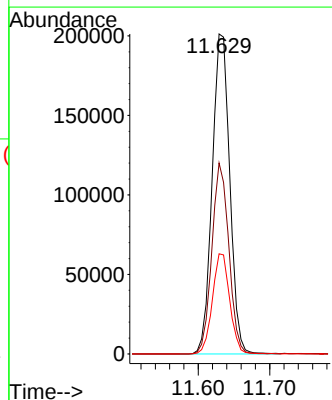
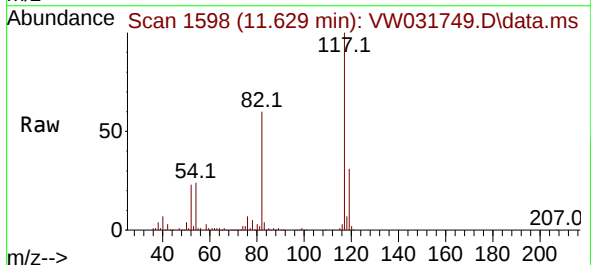
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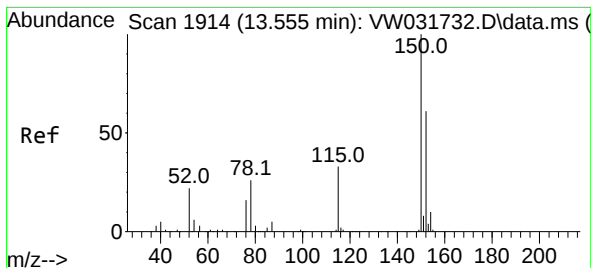
Tgt Ion: 95 Resp: 139333
Ion Ratio Lower Upper
95 100
174 70.3 0.0 133.8
176 65.5 0.0 126.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VW031749.D
Acq: 02 Jul 2025 10:19

Tgt Ion: 117 Resp: 343842
Ion Ratio Lower Upper
117 100
82 59.7 48.6 72.8
119 31.3 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: VW031749.D

Acq: 02 Jul 2025 10:19

Instrument :

MSVOA_W

ClientSampleId :

VW0702SBL02

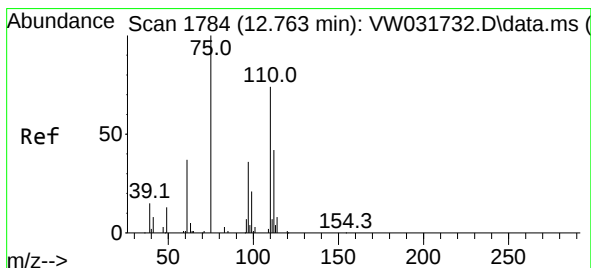
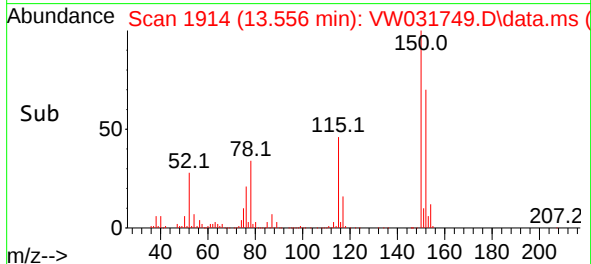
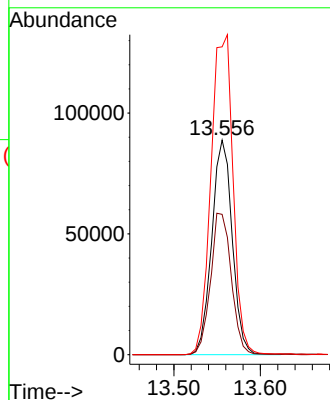
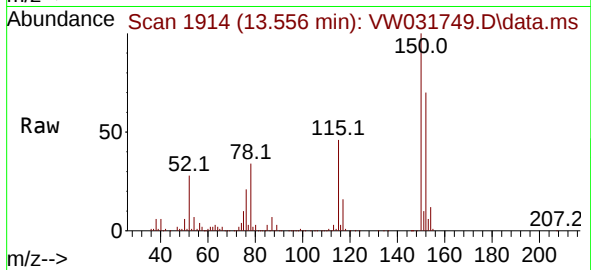
Tgt Ion:152 Resp: 145920

Ion Ratio Lower Upper

152 100

115 66.8 31.9 95.7

150 161.1 0.0 356.4



#76

1,2,3-Trichloropropane

Concen: 40.289 ug/l

RT: 12.617 min Scan# 1760

Delta R.T. -0.146 min

Lab File: VW031749.D

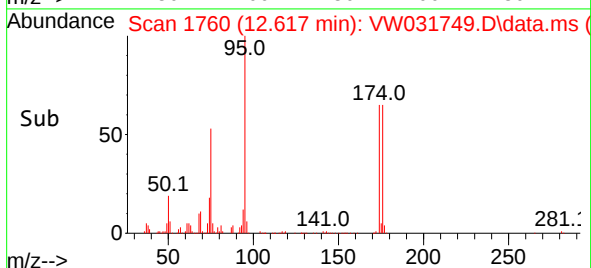
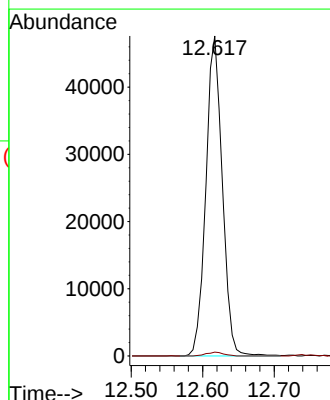
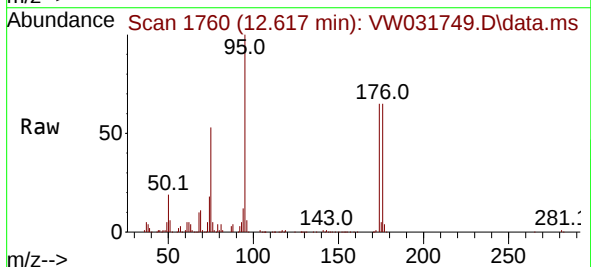
Acq: 02 Jul 2025 10:19

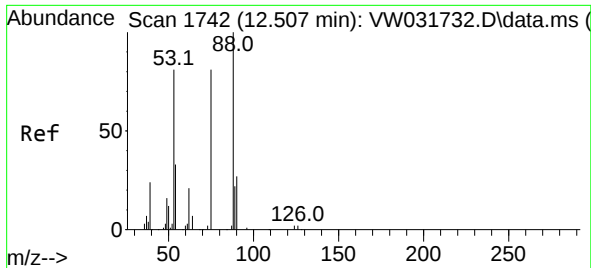
Tgt Ion: 75 Resp: 75973

Ion Ratio Lower Upper

75 100

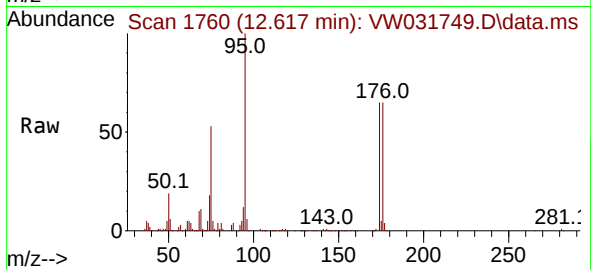
77 1.3 141.2 423.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.840 ug/l
 RT: 12.617 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VW031749.D
 Acq: 02 Jul 2025 10:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0702SBL02



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

