

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
 Data File : VW031792.D
 Acq On : 10 Jul 2025 10:15
 Operator : SY/MD
 Sample : VW0710SBL01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0710SBL01

Quant Time: Jul 11 02:15:36 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)

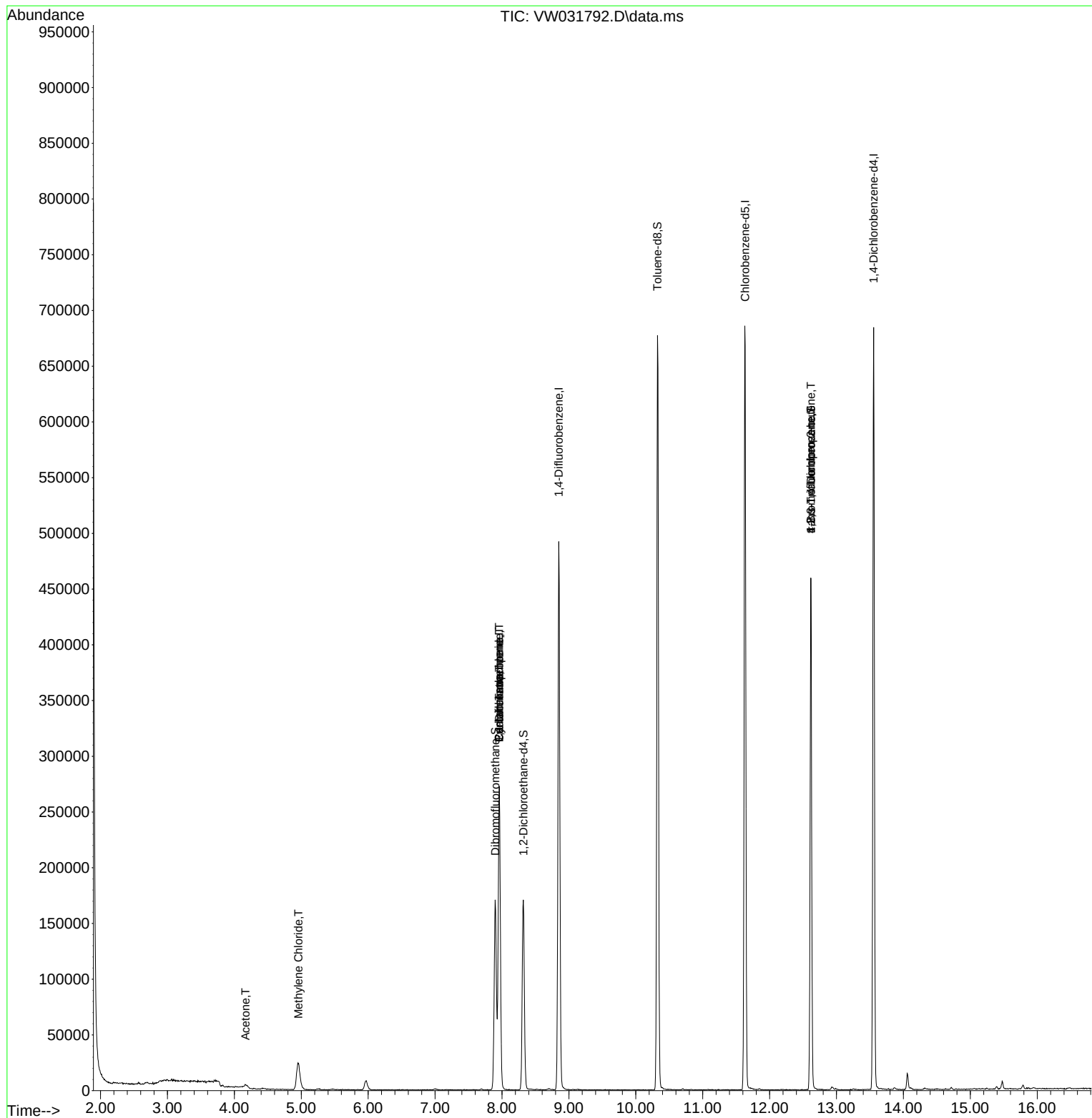
Internal Standards						
1) Pentafluorobenzene	7.959	168	178449	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	403423	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	368923	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	171872	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	143086	55.872	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	= 111.740%		
35) Dibromofluoromethane	7.898	113	121172	46.029	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	= 92.060%		
50) Toluene-d8	10.325	98	445433	45.468	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	= 90.940%		
62) 4-Bromofluorobenzene	12.617	95	164288	45.570	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	= 91.140%		
Target Compounds						
						Qvalue
16) Acetone	4.167	43	3632	5.738	ug/l	89
20) Methylene Chloride	4.960	84	22173	4.738	ug/l	93
31) Cyclohexane	7.959	56	5012	1.374	ug/l #	1
36) 1,1-Dichloropropene	7.959	75	18171	4.770	ug/l #	49
38) Carbon Tetrachloride	7.959	117	22095	5.692	ug/l #	17
76) 1,2,3-Trichloropropane	12.617	75	85972	38.708	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.617	75	85972	90.156	ug/l #	8

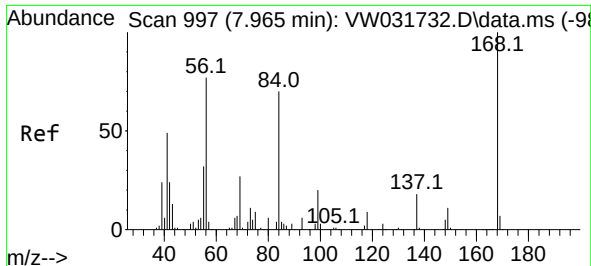
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
Data File : VW031792.D
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Operator : SY/MD
Sample : VW0710SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0710SBL01

Quant Time: Jul 11 02:15:36 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

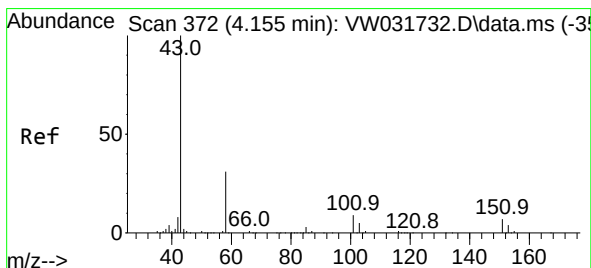
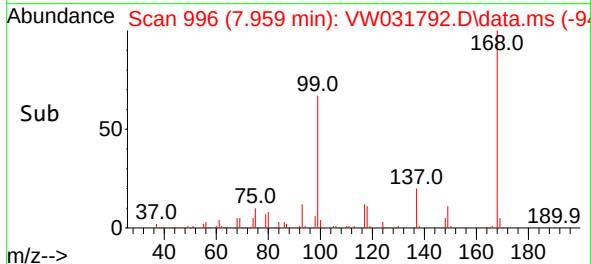
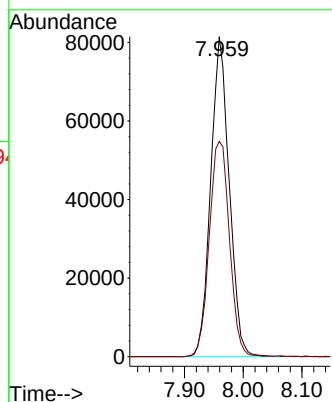
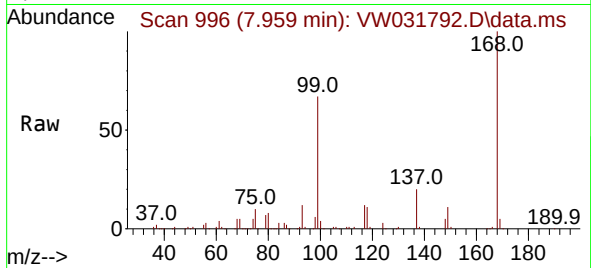




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 997
Delta R.T. -0.006 min
Lab File: VW031792.D
Acq: 10 Jul 2025 10:15

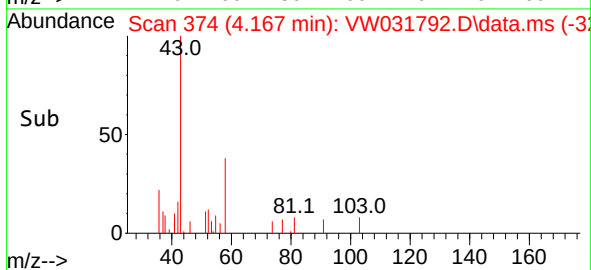
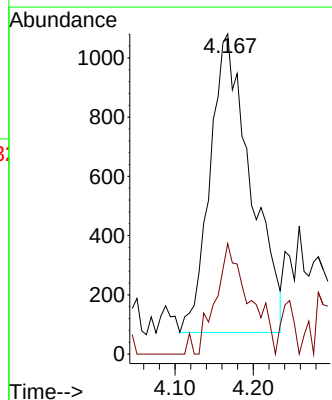
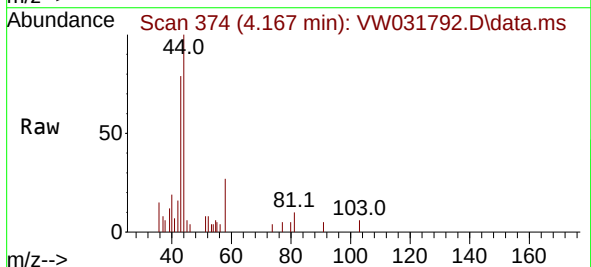
Instrument :
MSVOA_W
ClientSampleId :
VW0710SBL01

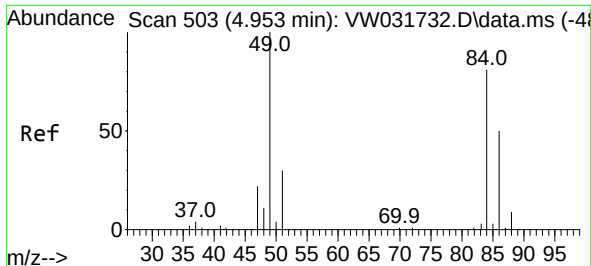
Tgt Ion:168 Resp: 178449
Ion Ratio Lower Upper
168 100
99 67.2 49.4 74.2



#16
Acetone
Concen: 5.738 ug/l
RT: 4.167 min Scan# 374
Delta R.T. 0.012 min
Lab File: VW031792.D
Acq: 10 Jul 2025 10:15

Tgt Ion: 43 Resp: 3632
Ion Ratio Lower Upper
43 100
58 37.0 24.8 37.2

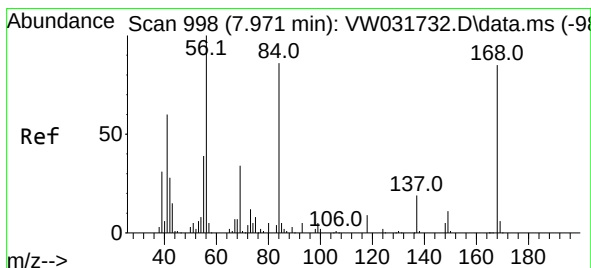
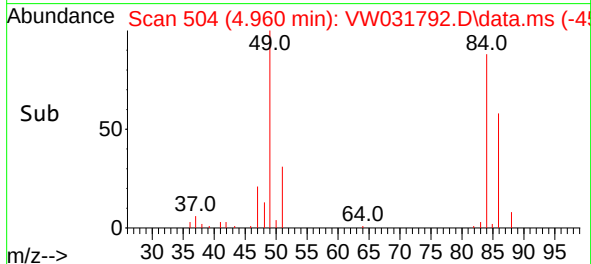
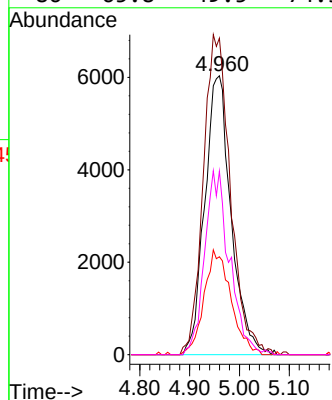
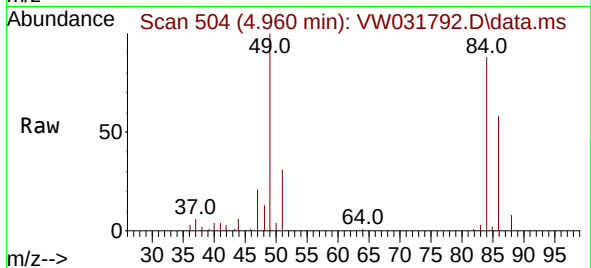




#20
Methylene Chloride
Concen: 4.738 ug/l
RT: 4.960 min Scan# 503
Delta R.T. 0.006 min
Lab File: VW031792.D
Acq: 10 Jul 2025 10:15

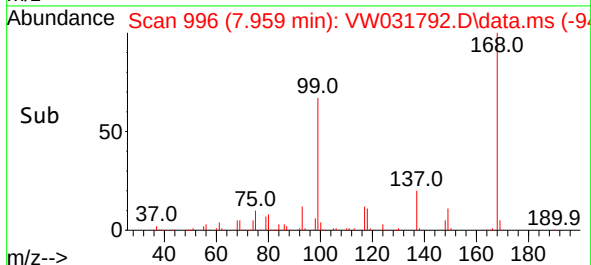
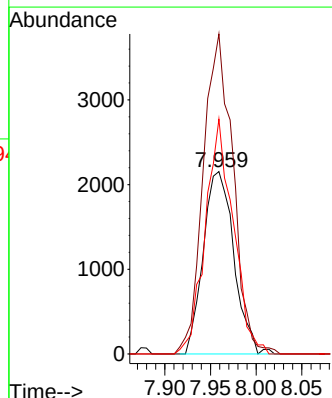
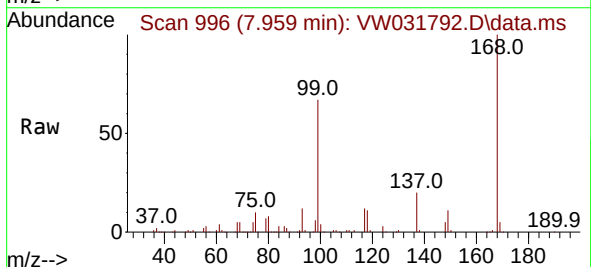
Instrument :
MSVOA_W
ClientSampleId :
VW0710SBL01

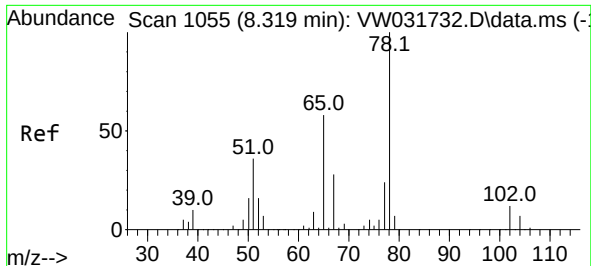
Tgt Ion: 84	Resp: 22173
Ion Ratio	Lower Upper
84 100	
49 113.5	98.2 147.4
51 35.1	29.8 44.8
86 65.8	49.5 74.3



#31
Cyclohexane
Concen: 1.374 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.012 min
Lab File: VW031792.D
Acq: 10 Jul 2025 10:15

Tgt Ion: 56	Resp: 5012		
Ion Ratio	Lower	Upper	
56	100		
69	175.4	27.2	40.8#
84	128.7	68.5	102.7#

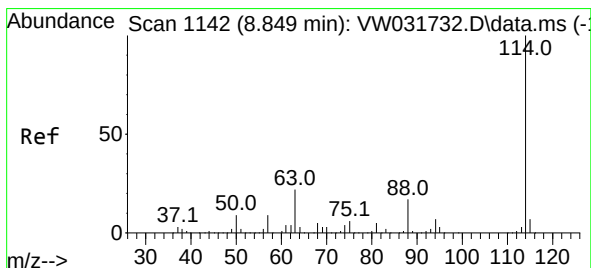
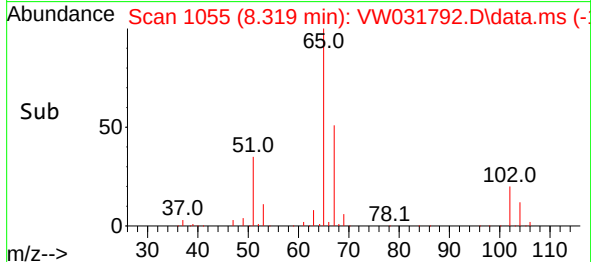
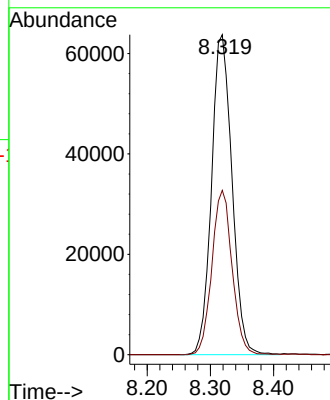
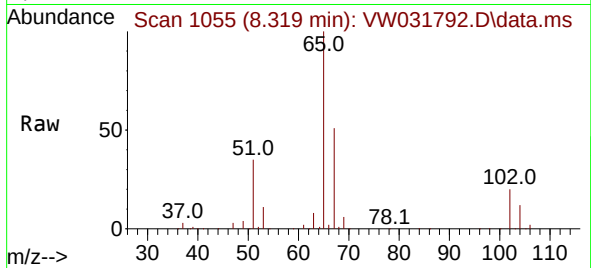




#33
 1,2-Dichloroethane-d4
 Concen: 55.872 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW031792.D
 Acq: 10 Jul 2025 10:15

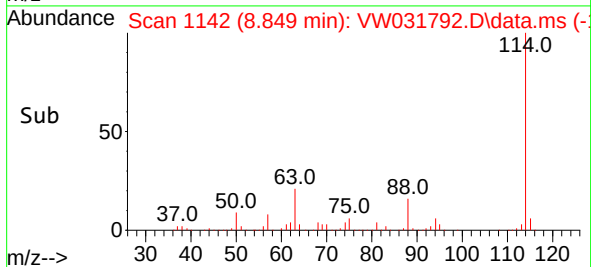
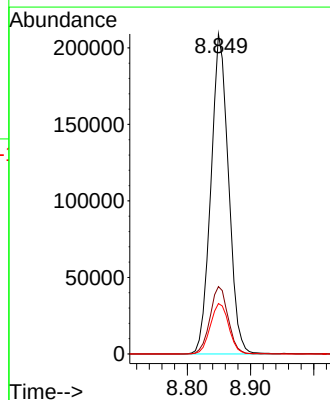
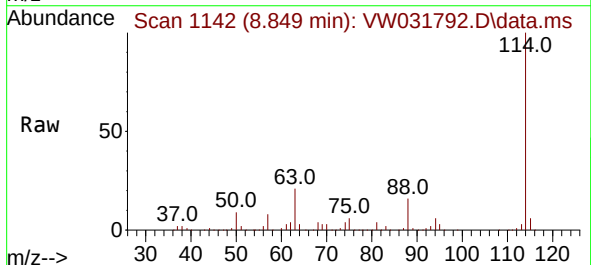
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0710SBL01

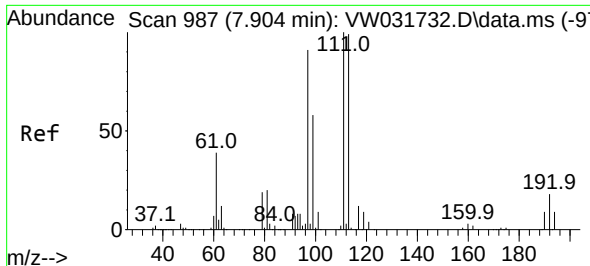
Tgt Ion: 65 Resp: 143086
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VW031792.D
 Acq: 10 Jul 2025 10:15

Tgt Ion: 114 Resp: 403423
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 43.6
 88 15.7 0.0 34.2

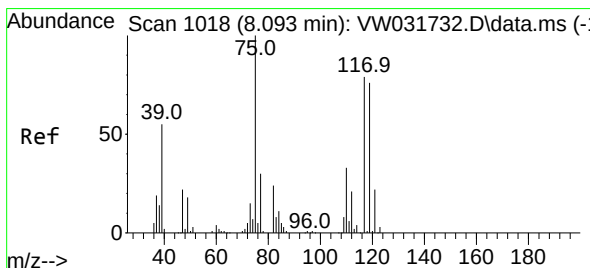
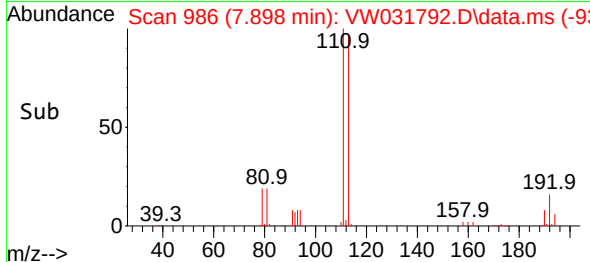
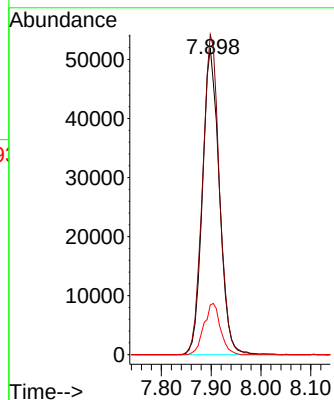
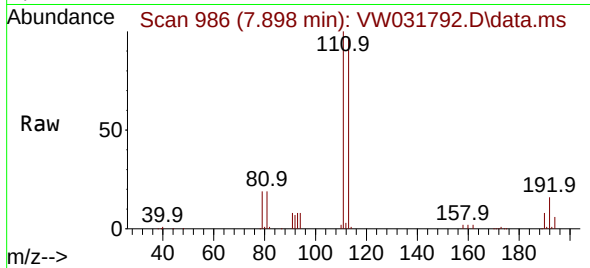




#35
 Dibromofluoromethane
 Concen: 46.029 ug/l
 RT: 7.898 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: VW031792.D
 Acq: 10 Jul 2025 10:15

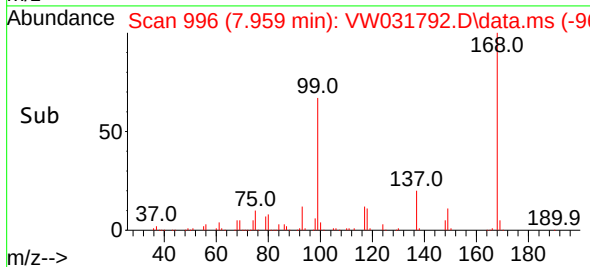
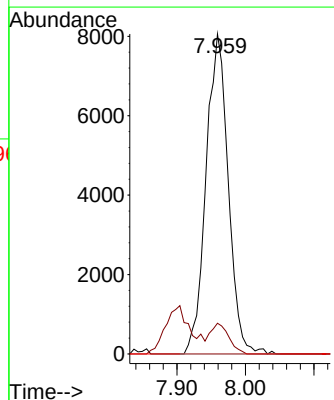
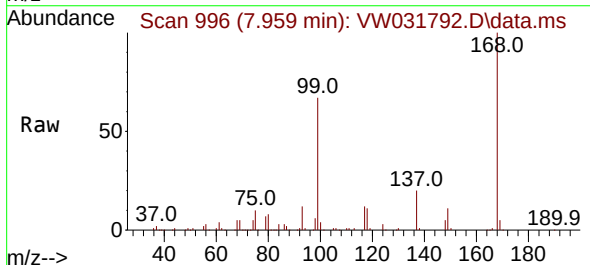
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0710SBL01

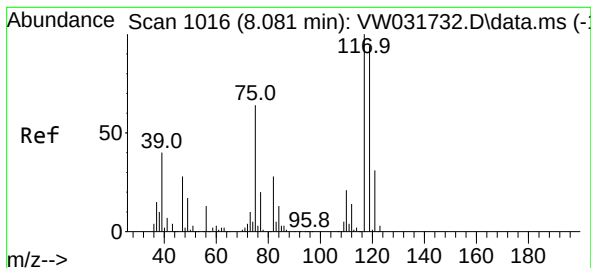
Tgt Ion:113	Resp:	121172	
Ion	Ratio	Lower	Upper
113	100		
111	105.3	82.1	123.1
192	16.5	13.8	20.6



#36
 1,1-Dichloropropene
 Concen: 4.770 ug/l
 RT: 7.959 min Scan# 996
 Delta R.T. -0.134 min
 Lab File: VW031792.D
 Acq: 10 Jul 2025 10:15

Tgt Ion: 75	Resp:	18171	
Ion Ratio	Lower	Upper	
75 100			
110 7.9	16.8	50.4#	
77 0.0	25.0	37.6#	





#38

Carbon Tetrachloride

Concen: 5.692 ug/l

RT: 7.959 min Scan# 996

Delta R.T. -0.122 min

Lab File: VW031792.D

Acq: 10 Jul 2025 10:15

Instrument :

MSVOA_W

ClientSampleId :

VW0710SBL01

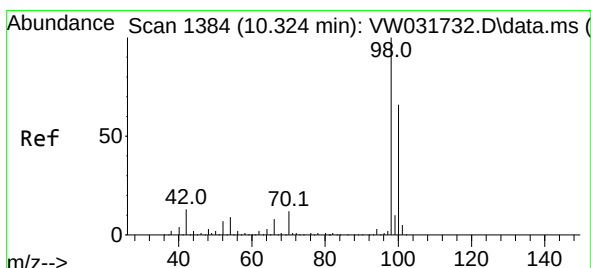
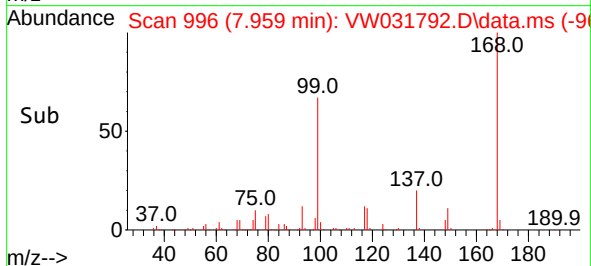
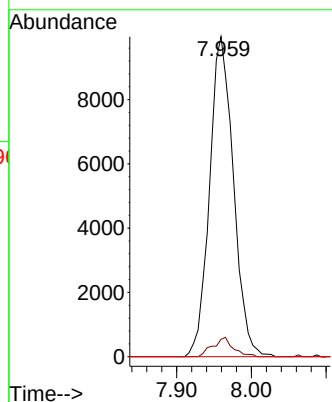
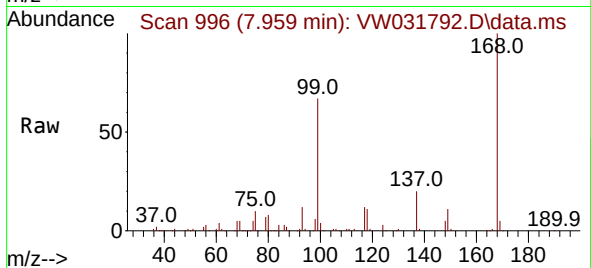
Tgt Ion:117 Resp: 22095

Ion Ratio Lower Upper

117 100

119 5.4 75.0 112.6#

121 0.0 24.6 37.0#



#50

Toluene-d8

Concen: 45.468 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW031792.D

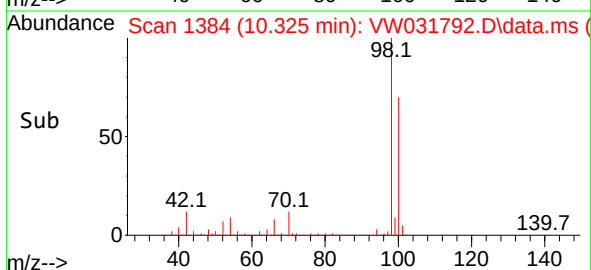
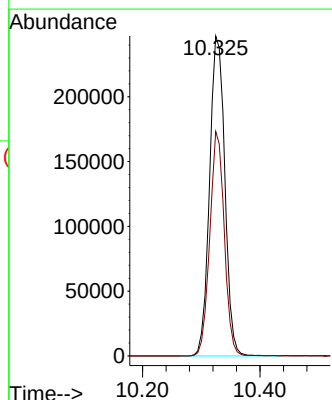
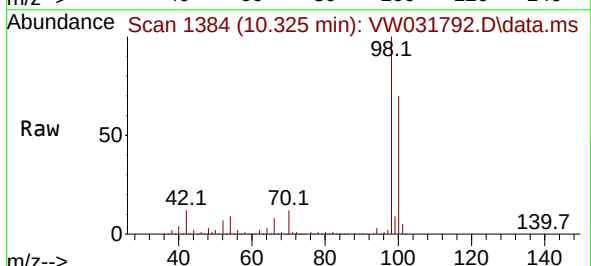
Acq: 10 Jul 2025 10:15

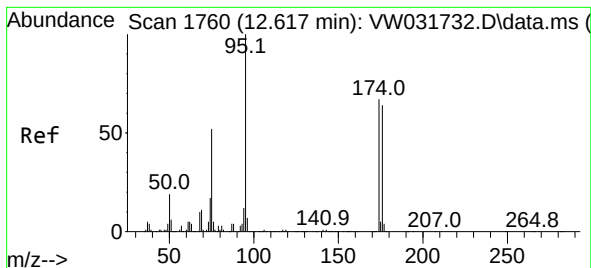
Tgt Ion: 98 Resp: 445433

Ion Ratio Lower Upper

98 100

100 66.6 53.0 79.4

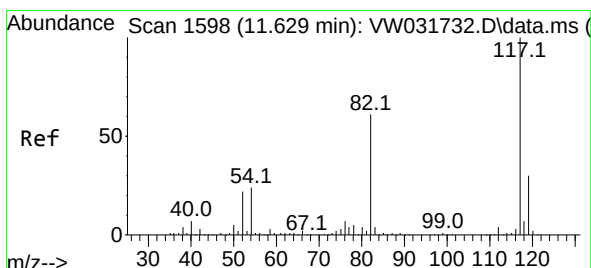
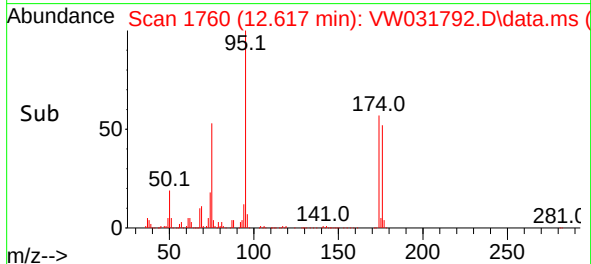
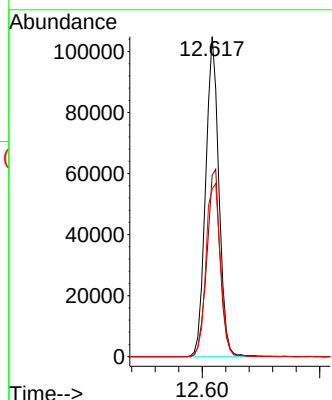
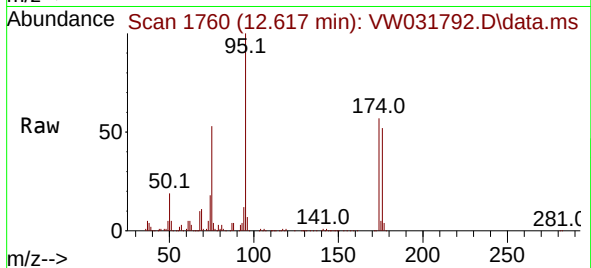




#62
4-Bromofluorobenzene
Concen: 45.570 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031792.D
Acq: 10 Jul 2025 10:15

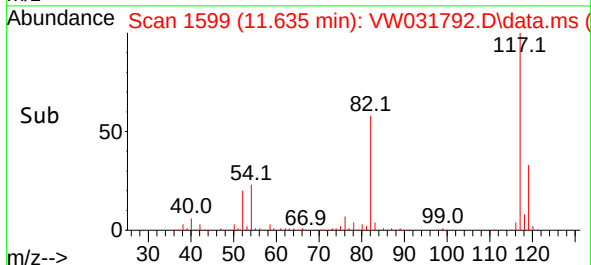
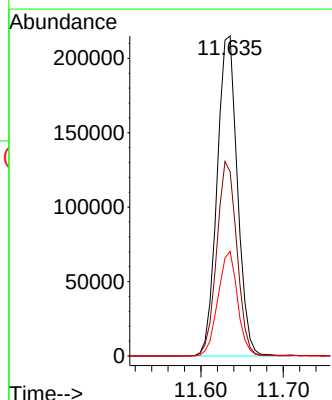
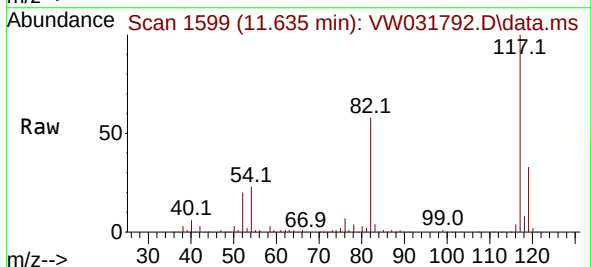
Instrument :
MSVOA_W
ClientSampleId :
VW0710SBL01

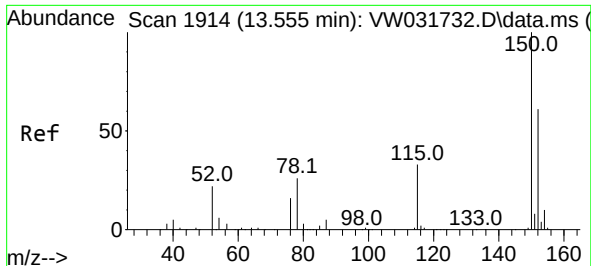
Tgt Ion: 95 Resp: 164288
Ion Ratio Lower Upper
95 100
174 59.0 0.0 133.8
176 59.7 0.0 126.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VW031792.D
Acq: 10 Jul 2025 10:15

Tgt Ion: 117 Resp: 368923
Ion Ratio Lower Upper
117 100
82 57.6 48.6 72.8
119 32.7 23.9 35.9

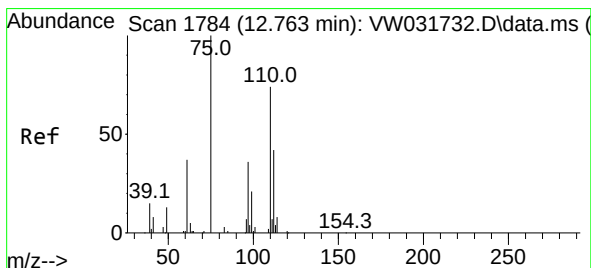
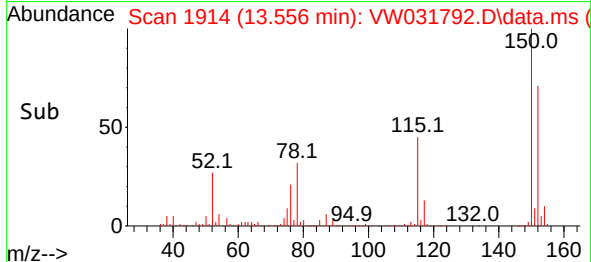
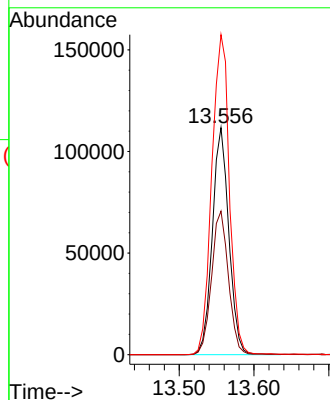
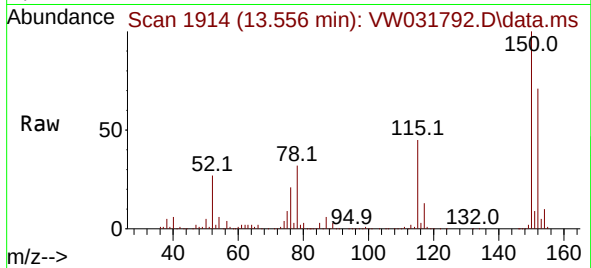




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. 0.000 min
 Lab File: VW031792.D
 Acq: 10 Jul 2025 10:15

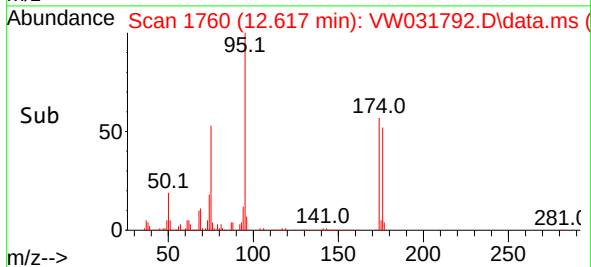
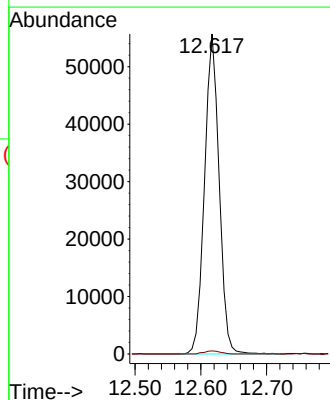
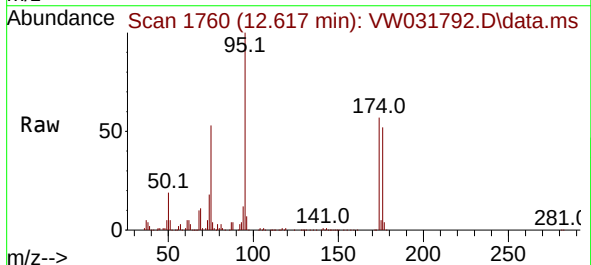
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0710SBL01

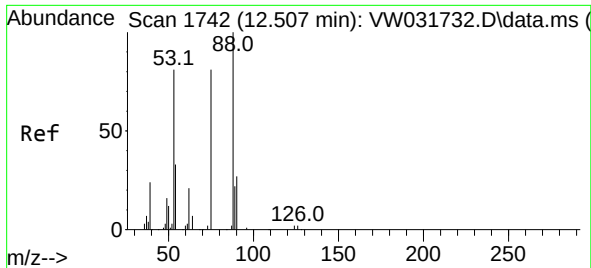
Tgt Ion:152 Resp: 171872
 Ion Ratio Lower Upper
 152 100
 115 64.8 31.9 95.7
 150 150.4 0.0 356.4



#76
 1,2,3-Trichloropropane
 Concen: 38.708 ug/l
 RT: 12.617 min Scan# 1760
 Delta R.T. -0.146 min
 Lab File: VW031792.D
 Acq: 10 Jul 2025 10:15

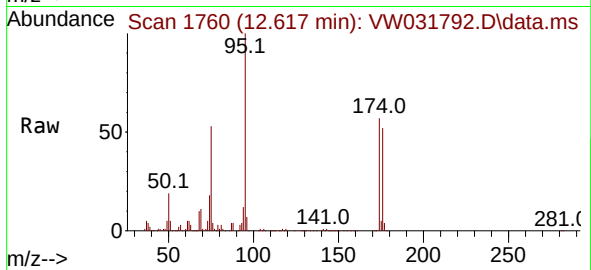
Tgt Ion: 75 Resp: 85972
 Ion Ratio Lower Upper
 75 100
 77 1.1 141.2 423.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.156 ug/l
 RT: 12.617 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VW031792.D
 Acq: 10 Jul 2025 10:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0710SBL01



Tgt Ion: 75 Resp: 85972
 Ion Ratio Lower Upper
 75 100
 53 0.1 83.5 125.3#
 89 0.0 38.3 57.5#

