

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW073025\
 Data File : VW031959.D
 Acq On : 30 Jul 2025 13:50
 Operator : SY/MD
 Sample : Q2726-01
 Misc : 5.13g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WBR-PBO

Quant Time: Jul 31 02:31:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 23 08:18:46 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

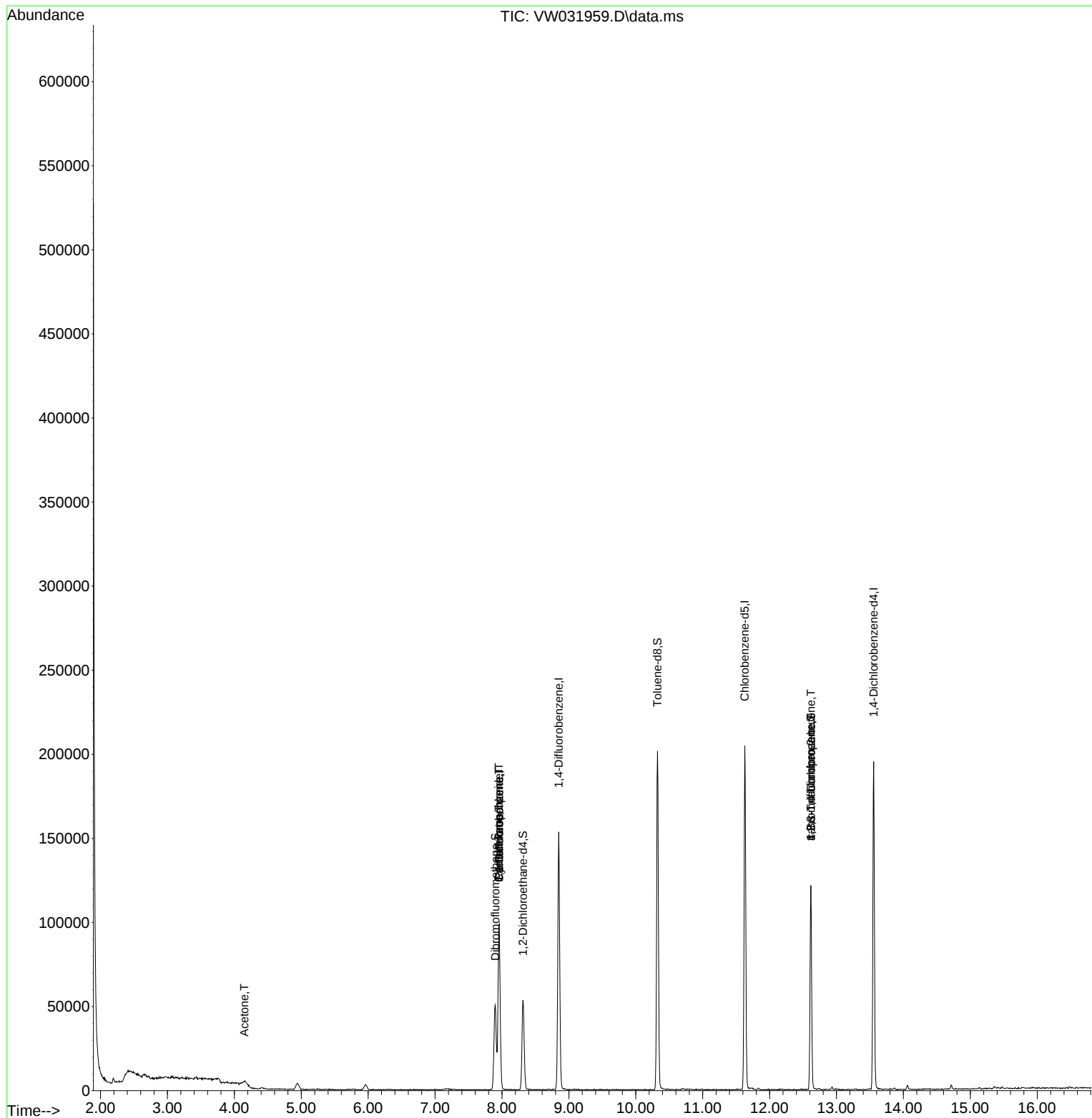
Internal Standards						
1) Pentafluorobenzene	7.959	168	63979	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.849	114	125812	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	109418	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	48568	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	45021	46.517	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	93.040%
35) Dibromofluoromethane	7.898	113	38610	45.163	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	90.320%
50) Toluene-d8	10.325	98	136281	42.120	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	84.240%
62) 4-Bromofluorobenzene	12.617	95	43372	34.910	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	69.820%
Target Compounds						
					Qvalue	
13) Acrolein	3.923	56	210	Below Cal	#	73
16) Acetone	4.149	43	4319	18.806	ug/l	90
20) Methylene Chloride	4.942	84	2980	Below Cal		90
31) Cyclohexane	7.953	56	1842	1.241	ug/l	# 1
36) 1,1-Dichloropropene	7.953	75	6592	5.021	ug/l	# 50
38) Carbon Tetrachloride	7.953	117	7938	6.300	ug/l	# 16
76) 1,2,3-Trichloropropane	12.617	75	23309	34.761	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.617	75	23309	80.253	ug/l	# 8

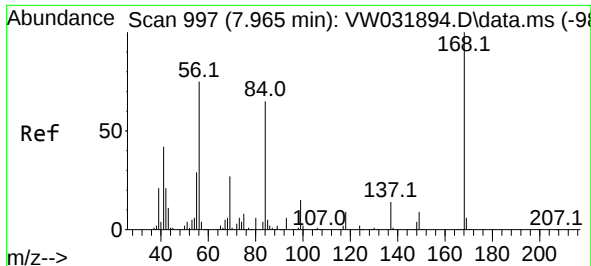
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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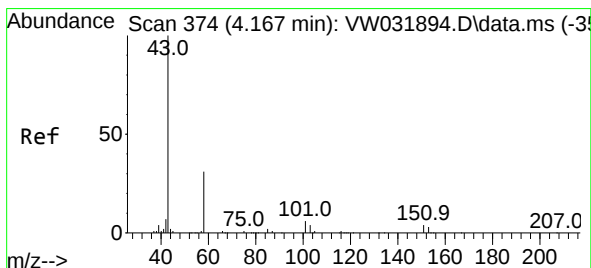
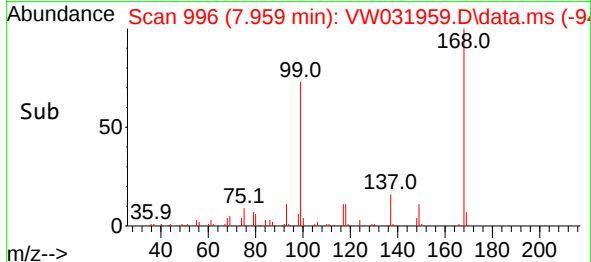
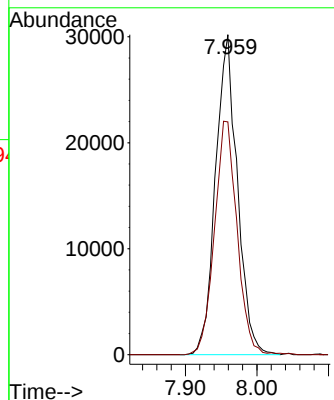
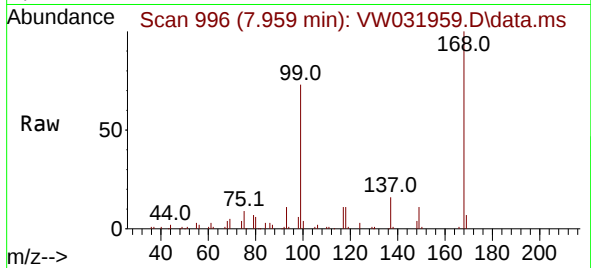




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW031959.D
Acq: 30 Jul 2025 13:50

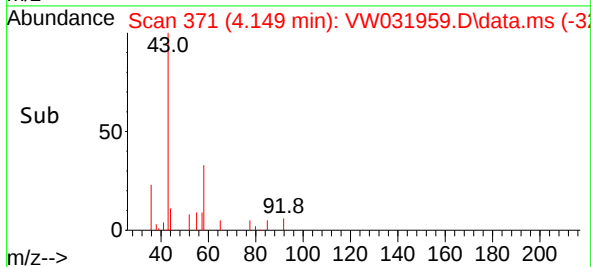
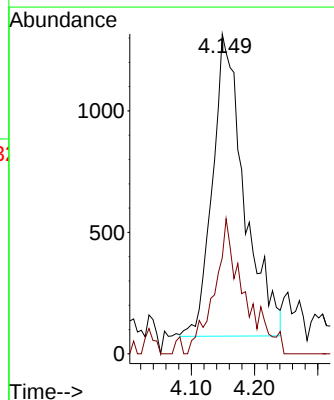
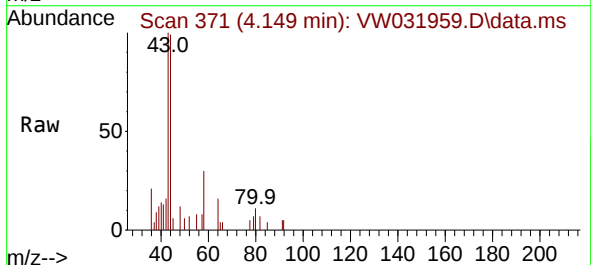
Instrument :
MSVOA_W
ClientSampleId :
WBR-PBO

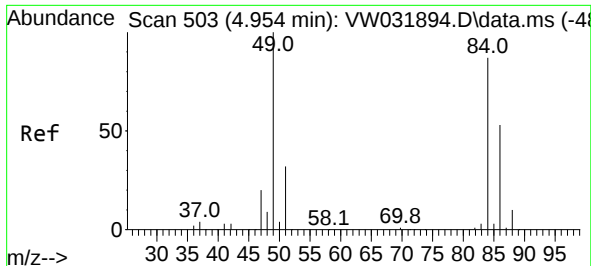
Tgt Ion:168 Resp: 63979
Ion Ratio Lower Upper
168 100
99 72.7 48.2 72.2#



#16
Acetone
Concen: 18.806 ug/l
RT: 4.149 min Scan# 371
Delta R.T. -0.018 min
Lab File: VW031959.D
Acq: 30 Jul 2025 13:50

Tgt Ion: 43 Resp: 4319
Ion Ratio Lower Upper
43 100
58 26.3 25.5 38.3

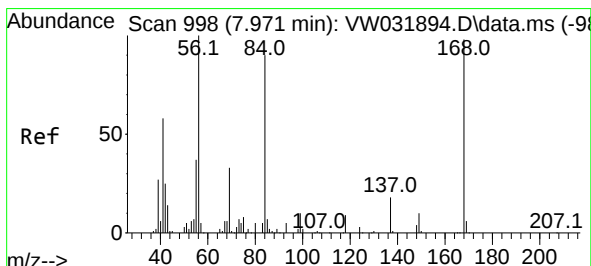
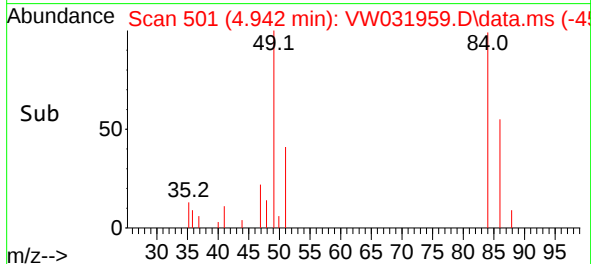
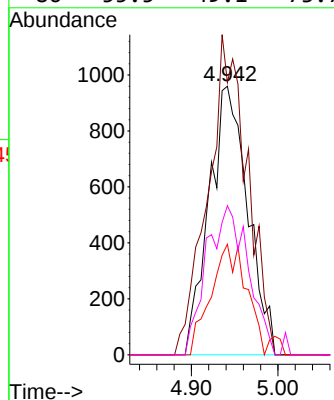
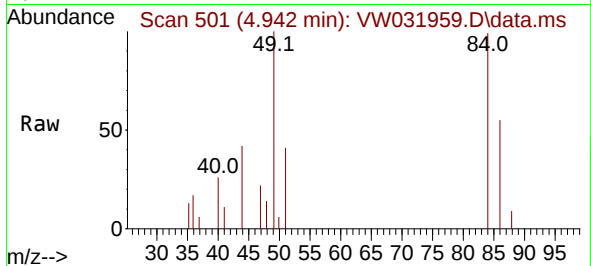




#20
Methylene Chloride
Concen: Below Cal
RT: 4.942 min Scan# 503
Delta R.T. -0.012 min
Lab File: VW031959.D
Acq: 30 Jul 2025 13:50

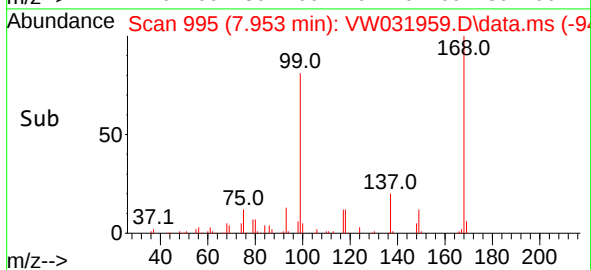
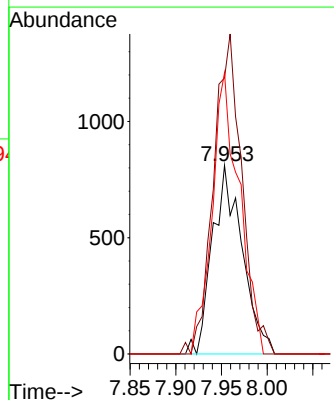
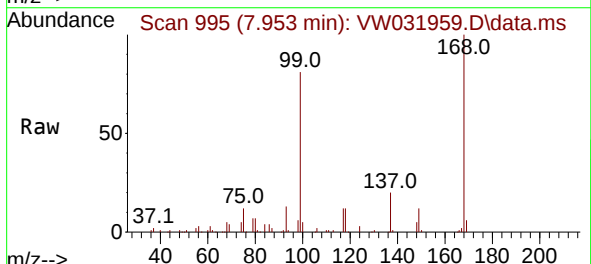
Instrument :
MSVOA_W
ClientSampleId :
WBR-PBO

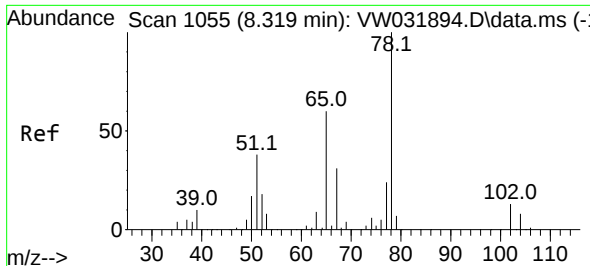
Tgt Ion:	84	Resp:	2980
Ion	Ratio	Lower	Upper
84	100		
49	101.4	91.9	137.9
51	41.1	29.0	43.6
86	55.5	49.1	73.7



#31
Cyclohexane
Concen: 1.241 ug/l
RT: 7.953 min Scan# 995
Delta R.T. -0.018 min
Lab File: VW031959.D
Acq: 30 Jul 2025 13:50

Tgt Ion:	56	Resp:	1842
Ion	Ratio	Lower	Upper
56	100		
69	146.4	26.7	40.1#
84	149.1	71.8	107.6#

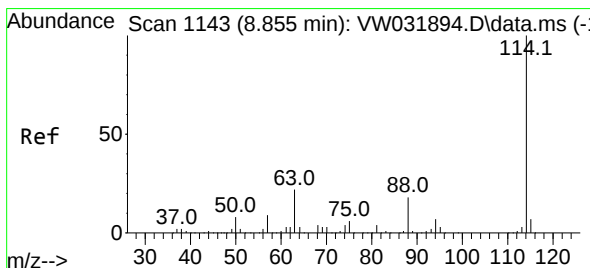
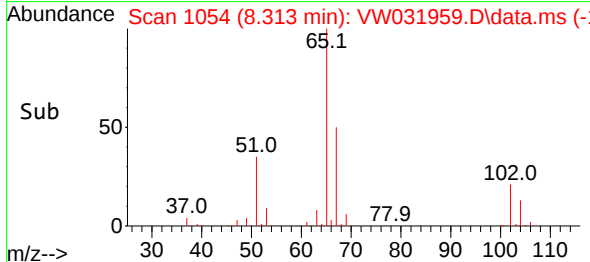
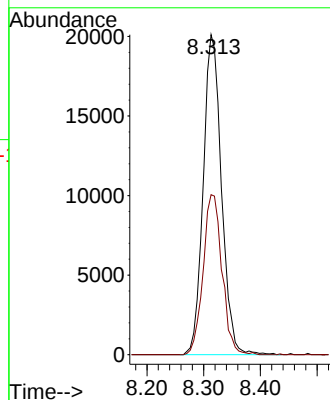
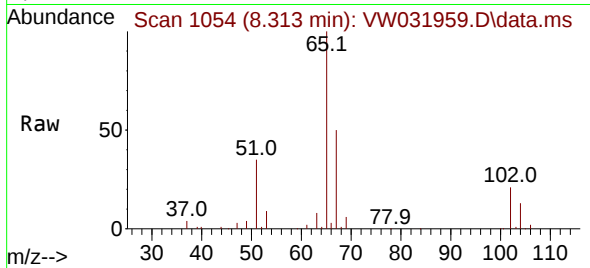




#33
 1,2-Dichloroethane-d4
 Concen: 46.517 ug/l
 RT: 8.313 min Scan# 1055
 Delta R.T. -0.006 min
 Lab File: VW031959.D
 Acq: 30 Jul 2025 13:50

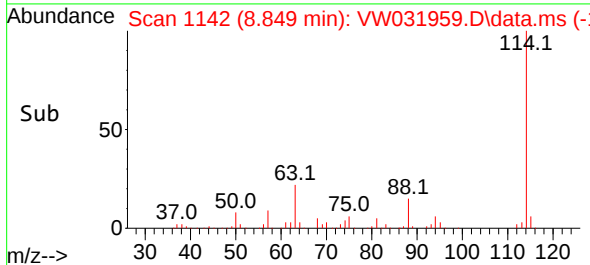
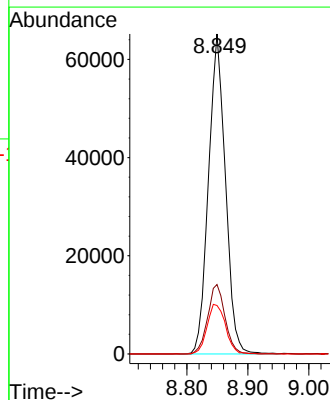
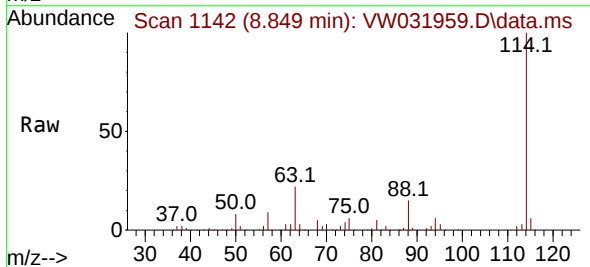
Instrument :
 MSVOA_W
 ClientSampleId :
 WBR-PBO

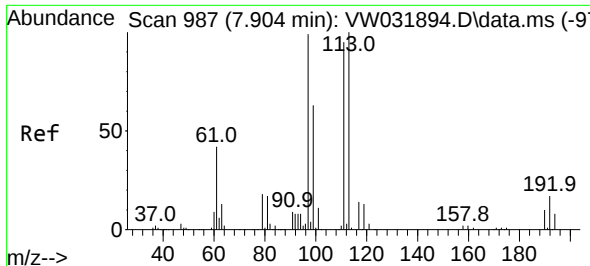
Tgt Ion: 65 Resp: 45021
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.006 min
 Lab File: VW031959.D
 Acq: 30 Jul 2025 13:50

Tgt Ion: 114 Resp: 125812
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 44.2
 88 15.2 0.0 35.6

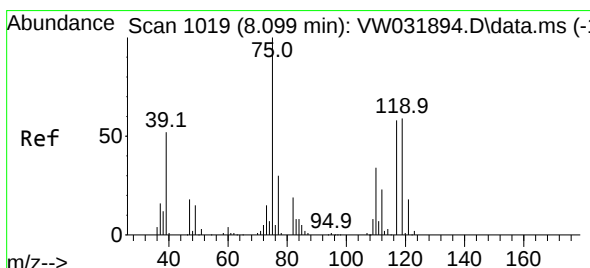
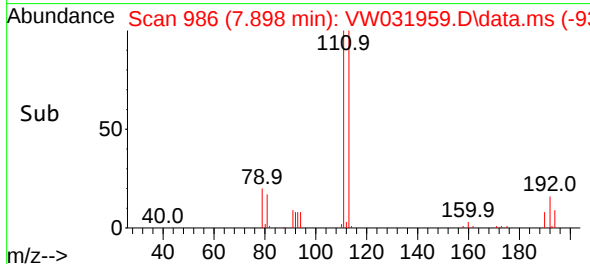
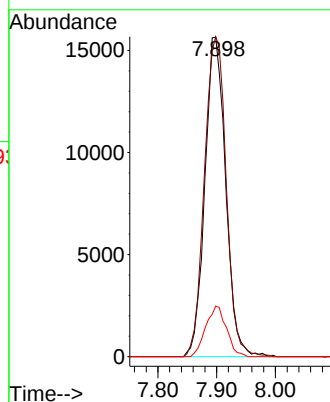
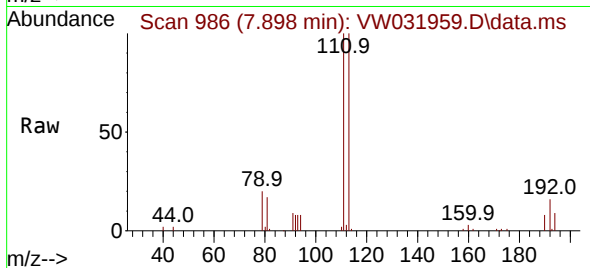




#35
 Dibromofluoromethane
 Concen: 45.163 ug/l
 RT: 7.898 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VW031959.D
 Acq: 30 Jul 2025 13:50

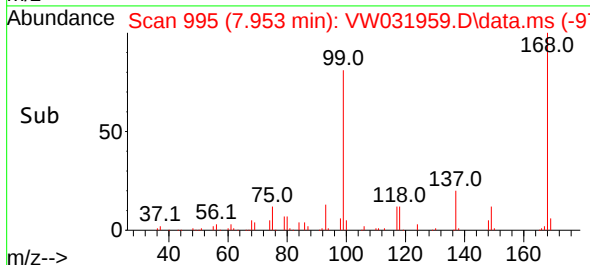
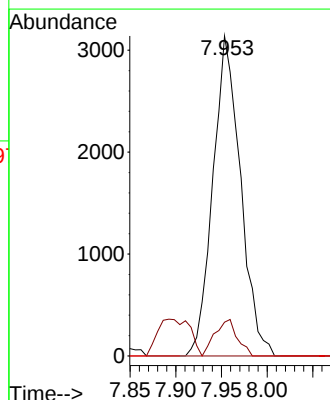
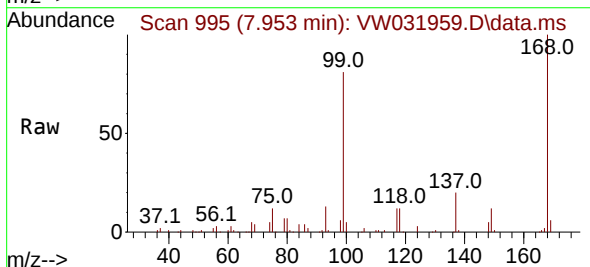
Instrument :
 MSVOA_W
 ClientSampleId :
 WBR-PBO

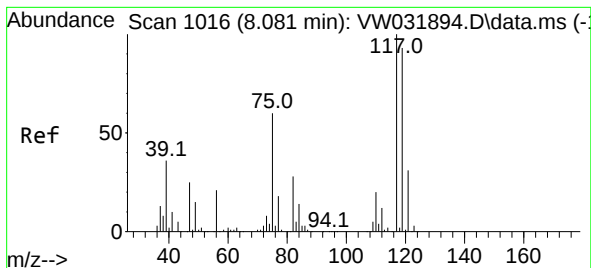
Tgt Ion:113 Resp: 38610
 Ion Ratio Lower Upper
 113 100
 111 104.4 79.9 119.9
 192 15.7 12.6 19.0



#36
 1,1-Dichloropropene
 Concen: 5.021 ug/l
 RT: 7.953 min Scan# 995
 Delta R.T. -0.146 min
 Lab File: VW031959.D
 Acq: 30 Jul 2025 13:50

Tgt Ion: 75 Resp: 6592
 Ion Ratio Lower Upper
 75 100
 110 9.2 17.0 50.9#
 77 0.0 25.1 37.7#





#38

Carbon Tetrachloride

Concen: 6.300 ug/l

RT: 7.953 min Scan# 995

Delta R.T. -0.128 min

Lab File: VW031959.D

Acq: 30 Jul 2025 13:50

Instrument :

MSVOA_W

ClientSampleId :

WBR-PBO

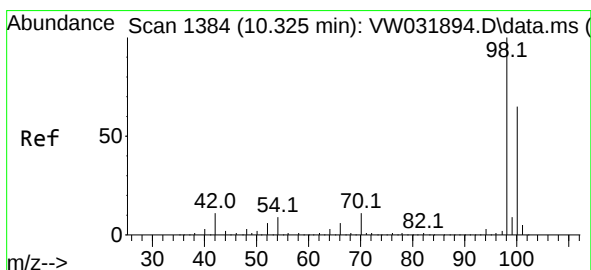
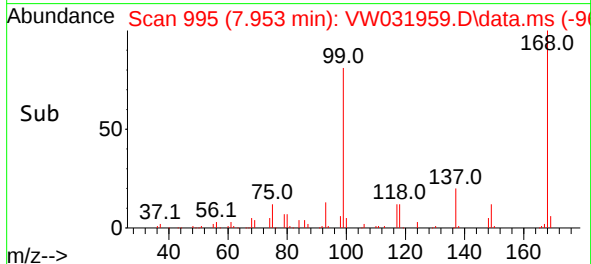
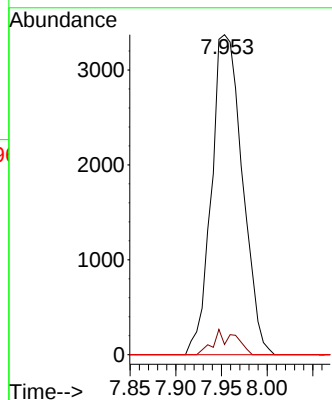
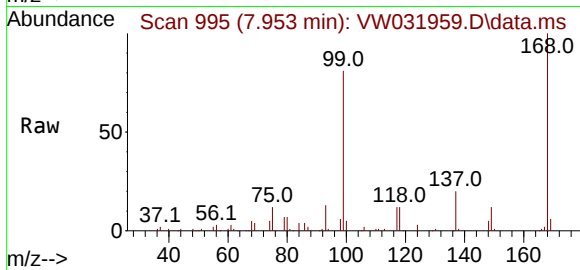
Tgt Ion:117 Resp: 7938

Ion Ratio Lower Upper

117 100

119 3.2 74.3 111.5#

121 0.0 24.6 37.0#



#50

Toluene-d8

Concen: 42.120 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW031959.D

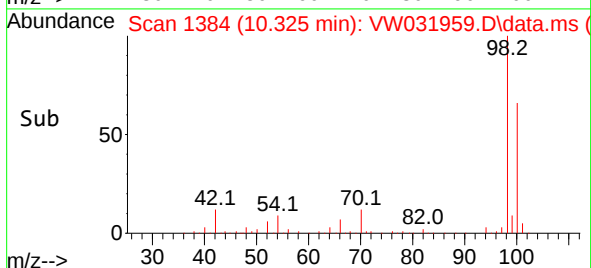
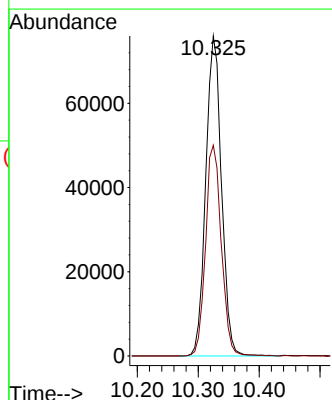
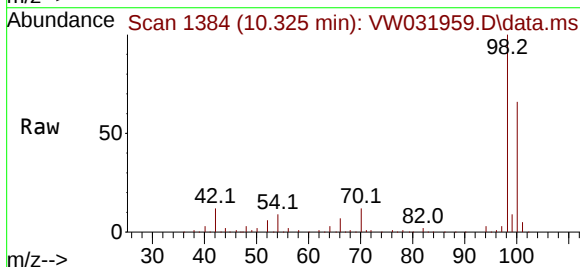
Acq: 30 Jul 2025 13:50

Tgt Ion: 98 Resp: 136281

Ion Ratio Lower Upper

98 100

100 65.9 51.7 77.5

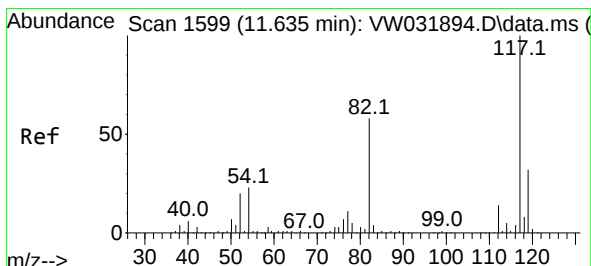
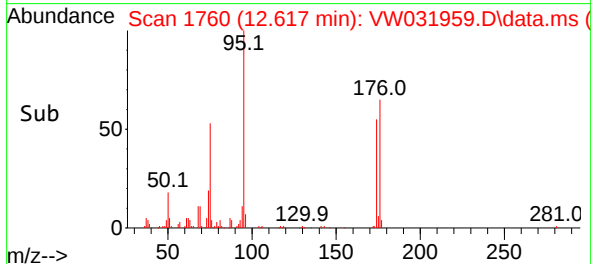
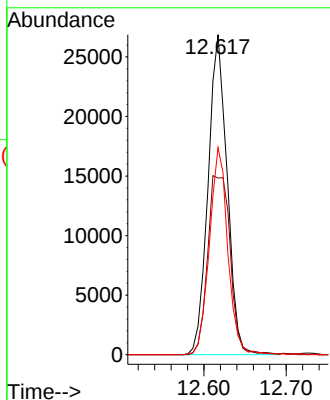
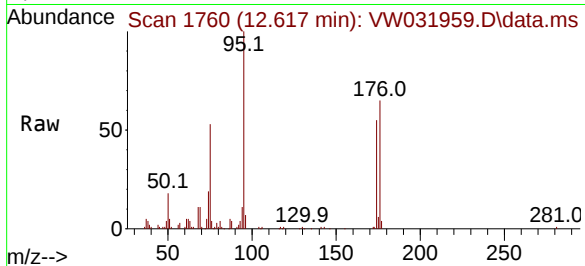




#62
4-Bromofluorobenzene
Concen: 34.910 ug/l
RT: 12.617 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031959.D
Acq: 30 Jul 2025 13:50

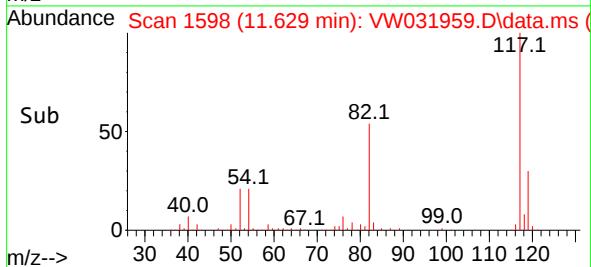
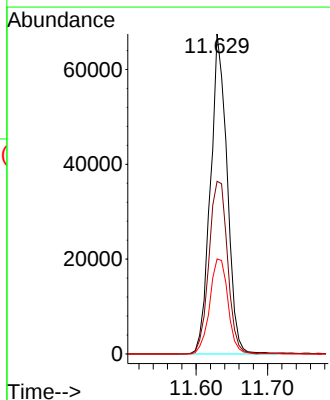
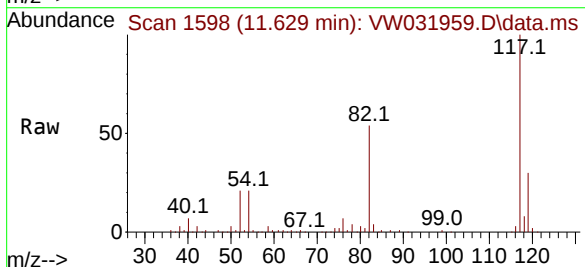
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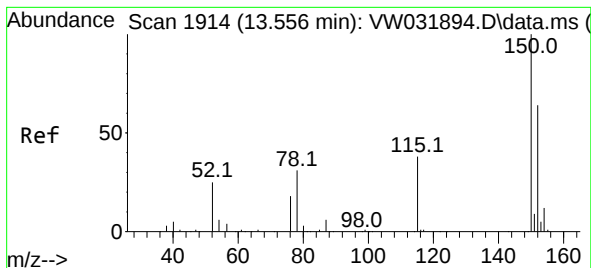
Tgt Ion: 95 Resp: 43372
Ion Ratio Lower Upper
95 100
174 66.4 0.0 129.8
176 62.5 0.0 130.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VW031959.D
Acq: 30 Jul 2025 13:50

Tgt Ion: 117 Resp: 109418
Ion Ratio Lower Upper
117 100
82 53.9 46.5 69.7
119 29.7 25.8 38.6

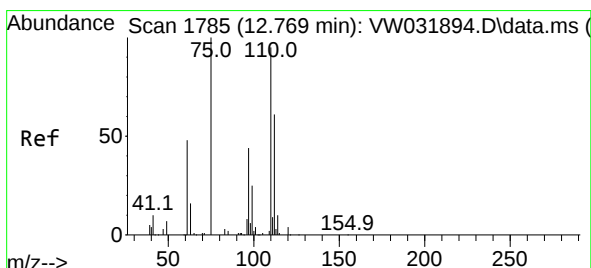
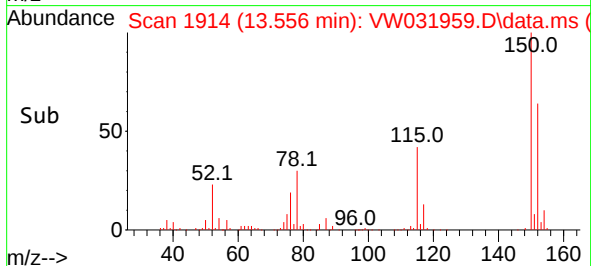
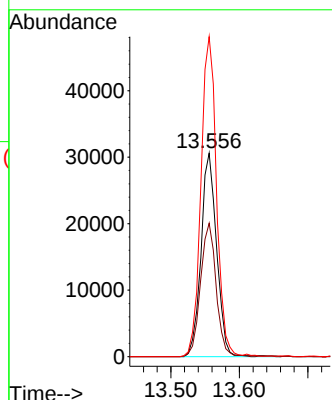
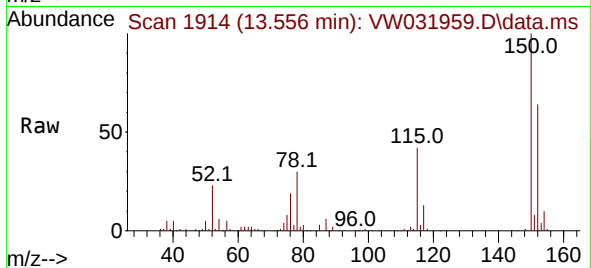




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. 0.000 min
 Lab File: VW031959.D
 Acq: 30 Jul 2025 13:50

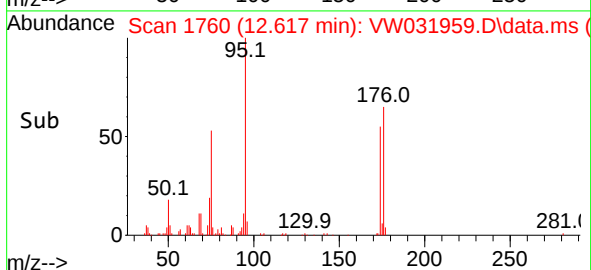
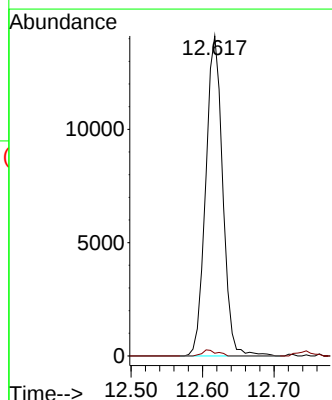
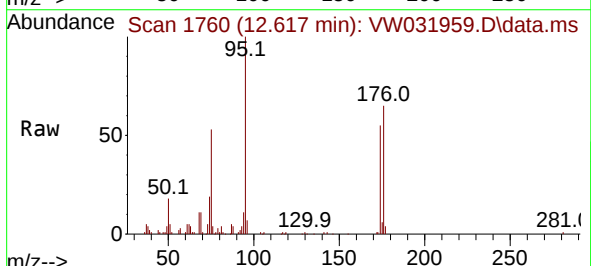
Instrument :
 MSVOA_W
 ClientSampleId :
 WBR-PBO

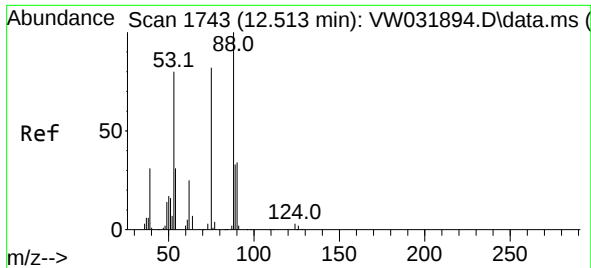
Tgt Ion:152 Resp: 48568
 Ion Ratio Lower Upper
 152 100
 115 65.6 33.4 100.1
 150 156.5 0.0 352.2



#76
 1,2,3-Trichloropropane
 Concen: 34.761 ug/l
 RT: 12.617 min Scan# 1760
 Delta R.T. -0.152 min
 Lab File: VW031959.D
 Acq: 30 Jul 2025 13:50

Tgt Ion: 75 Resp: 23309
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.253 ug/l
 RT: 12.617 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VW031959.D
 Acq: 30 Jul 2025 13:50

Instrument :
 MSVOA_W
 ClientSampleId :
 WBR-PBO

Tgt Ion: 75 Resp: 23309
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.7 125.5#
 89 0.0 39.0 58.6#

