

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080525\
 Data File : VW032005.D
 Acq On : 05 Aug 2025 10:08
 Operator : SY/MD
 Sample : VW0805SBL01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0805SBL01

Quant Time: Aug 06 03:51:12 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)

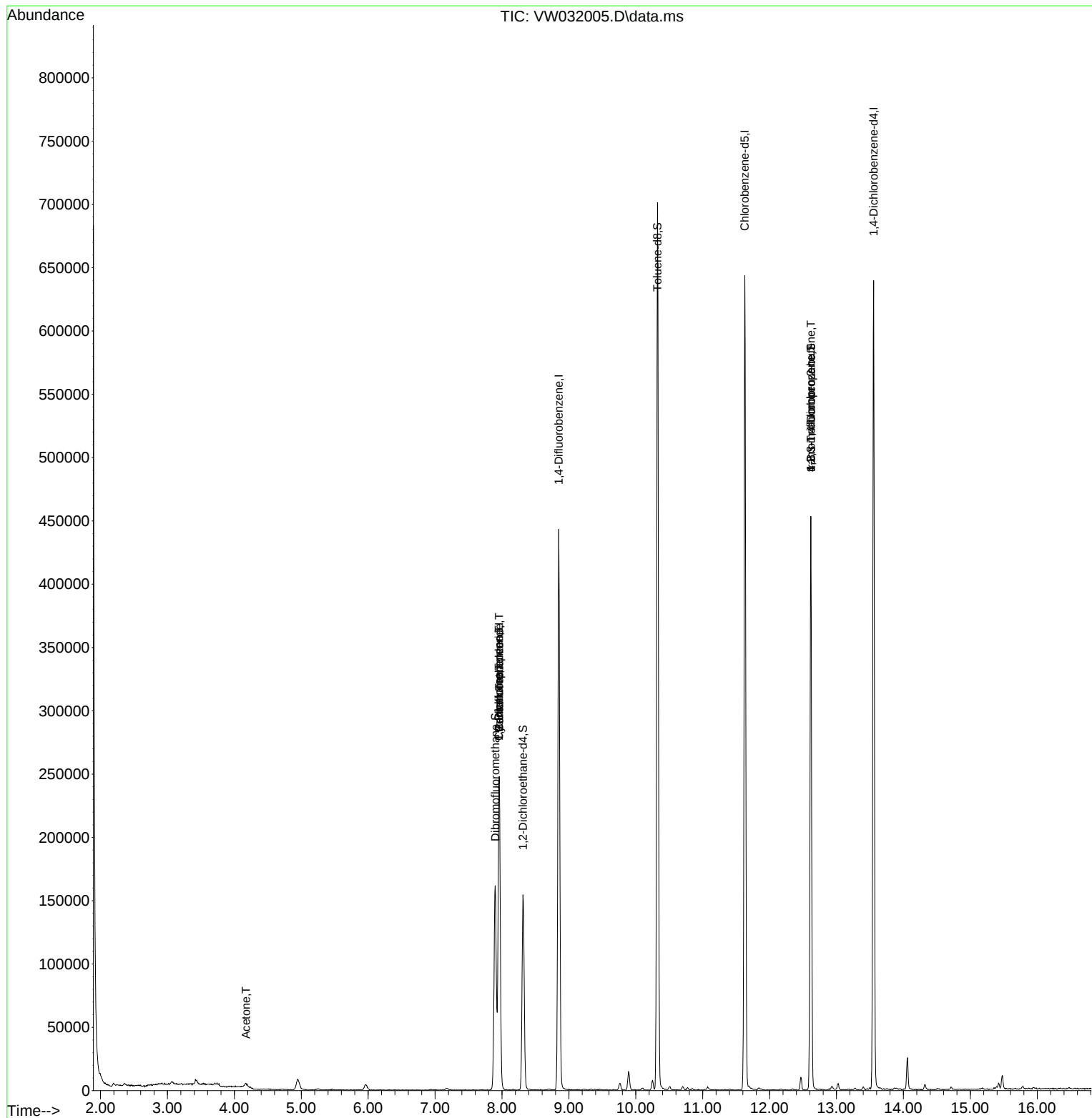
Internal Standards						
1) Pentafluorobenzene	7.959	168	172047	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	368948	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	349230	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	163635	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	129055	49.586	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	=	99.180%	
35) Dibromofluoromethane	7.898	113	123146	49.120	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	=	98.240%	
50) Toluene-d8	10.325	98	458172	48.288	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	=	96.580%	
62) 4-Bromofluorobenzene	12.617	95	160327	44.005	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	=	88.020%	
Target Compounds						
					Qvalue	
13) Acrolein	3.930	56	120	Below Cal	#	14
16) Acetone	4.173	43	5355	8.671	ug/l	92
20) Methylene Chloride	4.948	84	7055	Below Cal	#	94
31) Cyclohexane	7.953	56	4368	1.094	ug/l	# 13
36) 1,1-Dichloropropene	7.953	75	15698	4.077	ug/l	# 49
38) Carbon Tetrachloride	7.959	117	20208	5.469	ug/l	# 18
76) 1,2,3-Trichloropropane	12.617	75	80940	35.826	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.617	75	80940	82.713	ug/l	# 8

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

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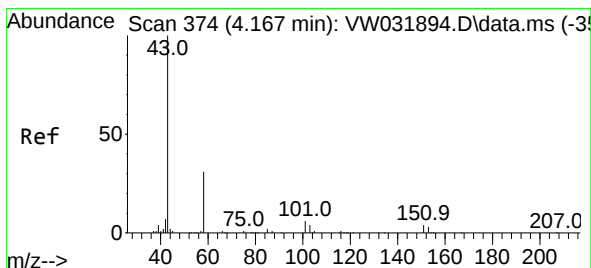
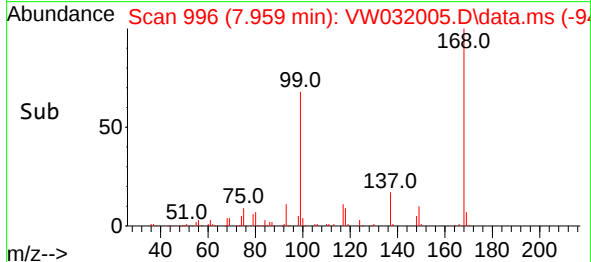
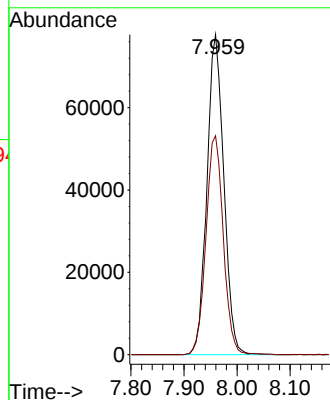
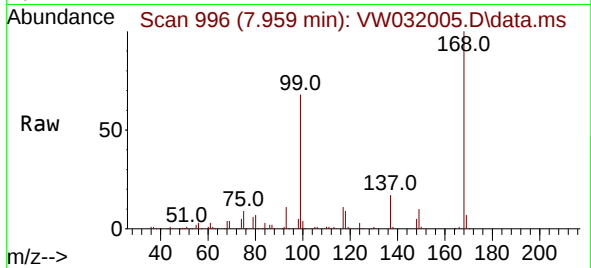




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW032005.D
Acq: 05 Aug 2025 10:08

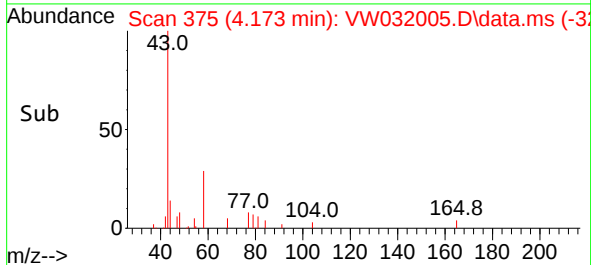
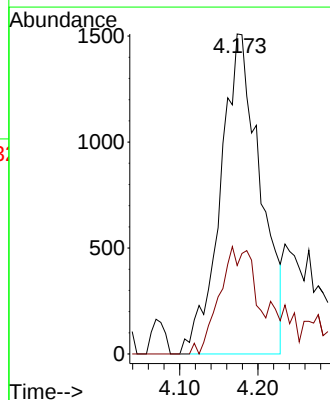
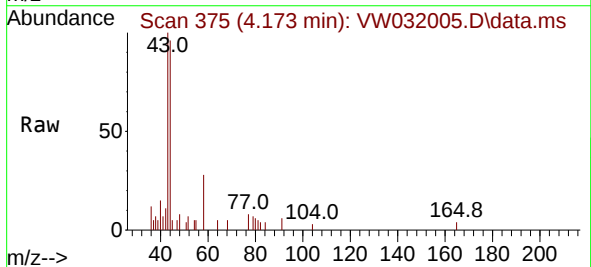
Instrument :
MSVOA_W
ClientSampleId :
VW0805SBL01

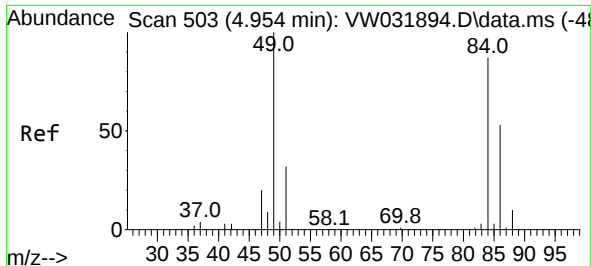
Tgt Ion:168 Resp: 172047
Ion Ratio Lower Upper
168 100
99 68.4 48.2 72.2



#16
Acetone
Concen: 8.671 ug/l
RT: 4.173 min Scan# 375
Delta R.T. 0.006 min
Lab File: VW032005.D
Acq: 05 Aug 2025 10:08

Tgt Ion: 43 Resp: 5355
Ion Ratio Lower Upper
43 100
58 27.7 25.5 38.3

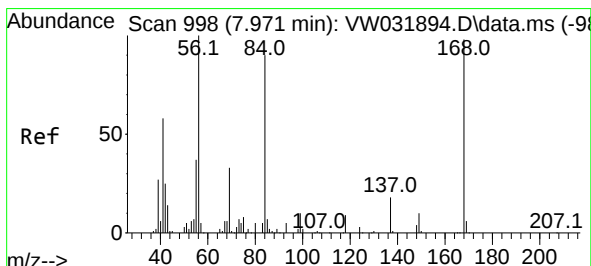
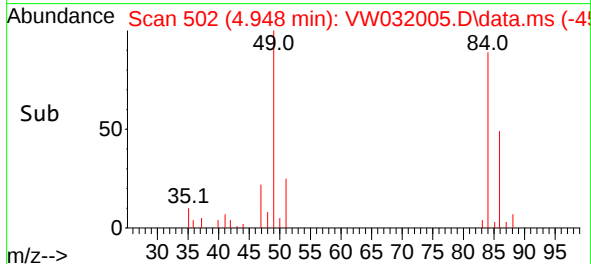
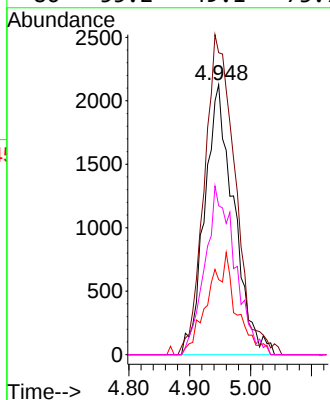
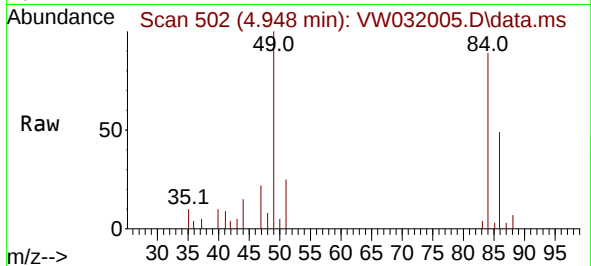




#20
Methylene Chloride
Concen: Below Cal
RT: 4.948 min Scan# 503
Delta R.T. -0.006 min
Lab File: VW032005.D
Acq: 05 Aug 2025 10:08

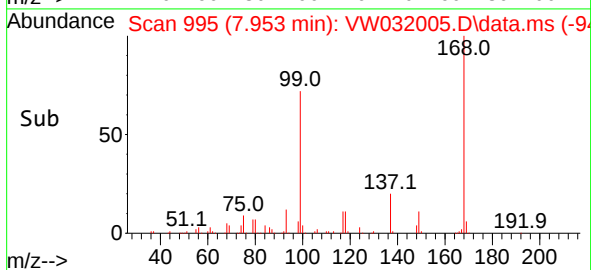
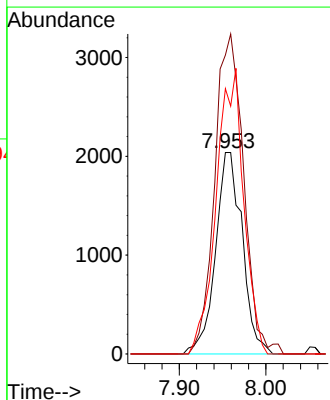
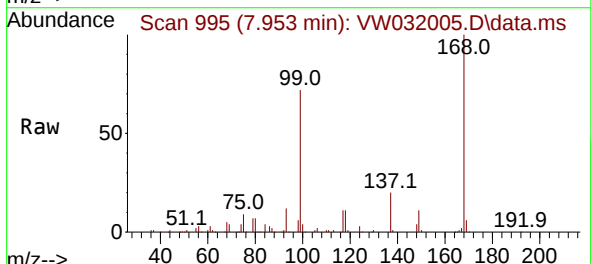
Instrument :
MSVOA_W
ClientSampleId :
VW0805SBL01

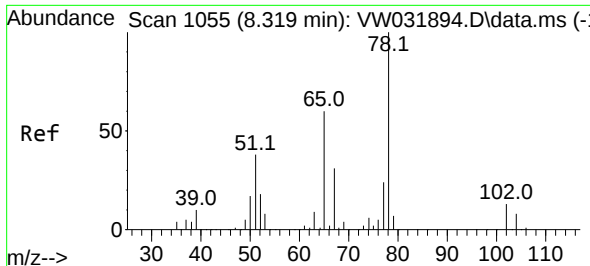
Tgt Ion:	84	Resp:	7055
Ion	Ratio	Lower	Upper
84	100		
49	111.8	91.9	137.9
51	27.8	29.0	43.6#
86	55.2	49.1	73.7



#31
Cyclohexane
Concen: 1.094 ug/l
RT: 7.953 min Scan# 995
Delta R.T. -0.018 min
Lab File: VW032005.D
Acq: 05 Aug 2025 10:08

Tgt Ion:	56	Resp:	4368
Ion	Ratio	Lower	Upper
56	100		
69	148.3	26.7	40.1#
84	131.7	71.8	107.6#

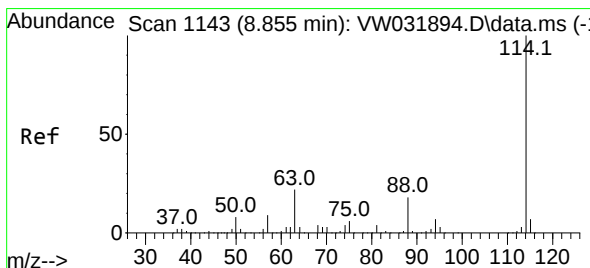
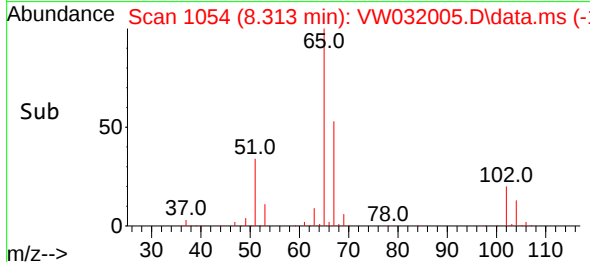
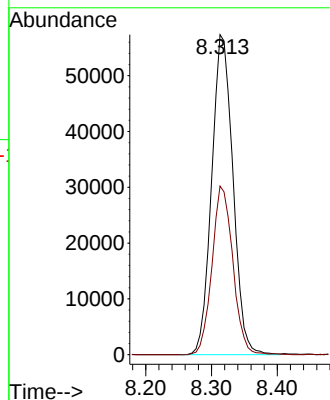
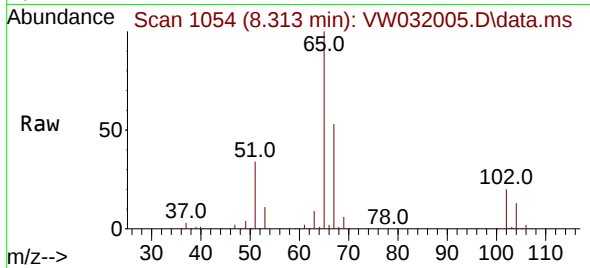




#33
 1,2-Dichloroethane-d4
 Concen: 49.586 ug/l
 RT: 8.313 min Scan# 1055
 Delta R.T. -0.006 min
 Lab File: VW032005.D
 Acq: 05 Aug 2025 10:08

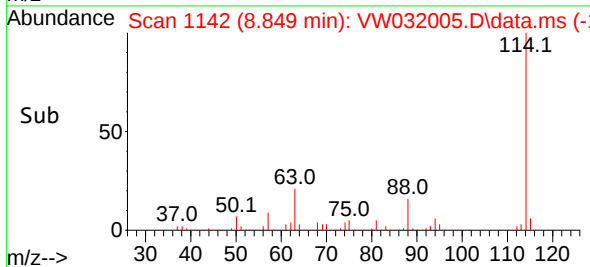
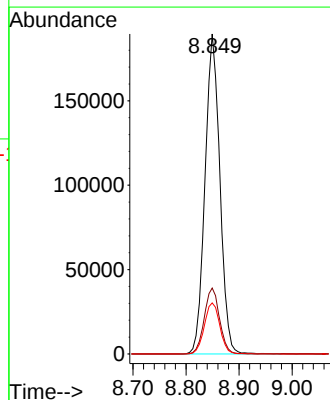
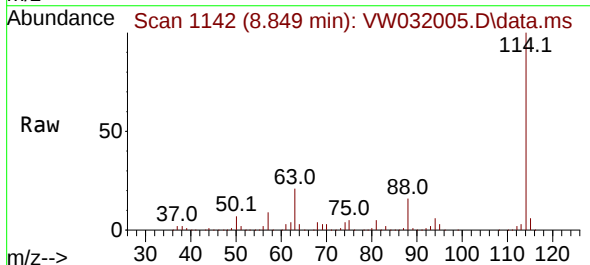
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0805SBL01

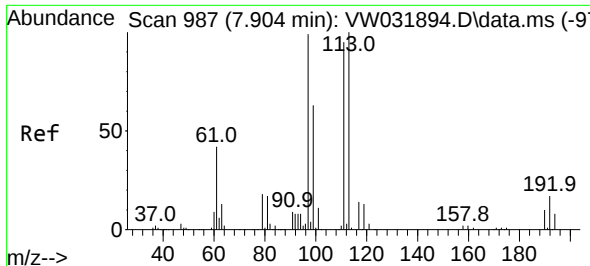
Tgt Ion: 65 Resp: 129055
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.006 min
 Lab File: VW032005.D
 Acq: 05 Aug 2025 10:08

Tgt Ion: 114 Resp: 368948
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 44.2
 88 15.9 0.0 35.6

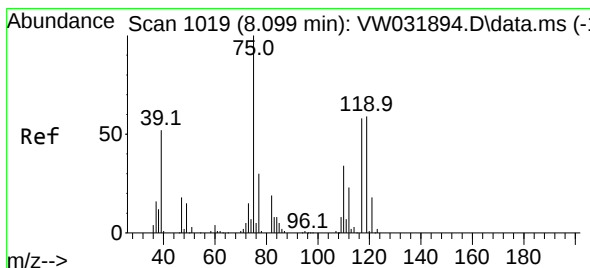
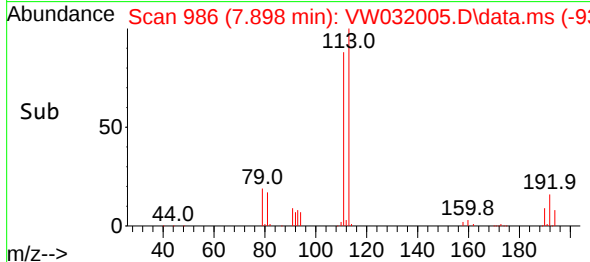
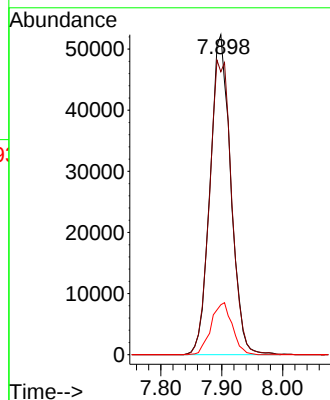
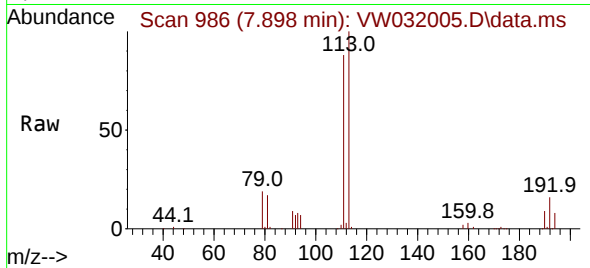




#35
Dibromofluoromethane
Concen: 49.120 ug/l
RT: 7.898 min Scan# 994
Delta R.T. -0.006 min
Lab File: VW032005.D
Acq: 05 Aug 2025 10:08

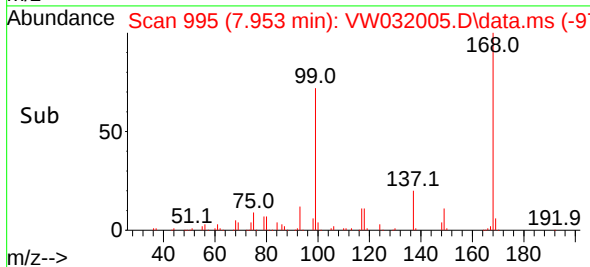
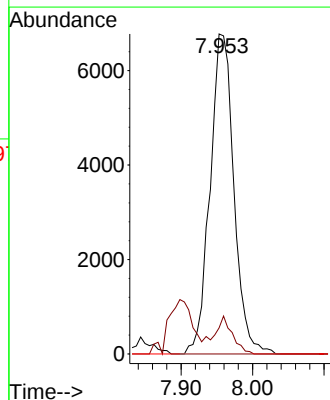
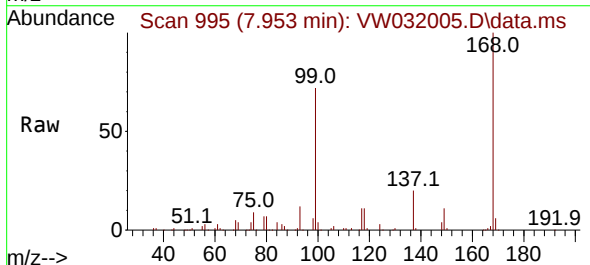
Instrument :
MSVOA_W
ClientSampleId :
VW0805SBL01

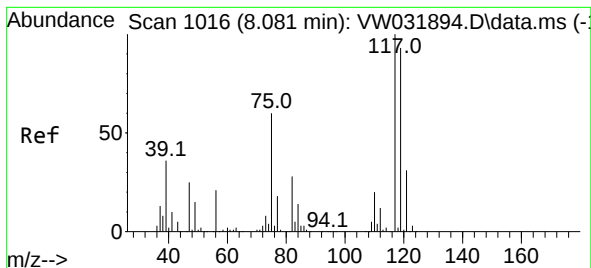
Tgt Ion:113 Resp: 123146
Ion Ratio Lower Upper
113 100
111 98.8 79.9 119.9
192 16.7 12.6 19.0



#36
1,1-Dichloropropene
Concen: 4.077 ug/l
RT: 7.953 min Scan# 995
Delta R.T. -0.146 min
Lab File: VW032005.D
Acq: 05 Aug 2025 10:08

Tgt Ion: 75 Resp: 15698
Ion Ratio Lower Upper
75 100
110 7.7 17.0 50.9#
77 0.0 25.1 37.7#





#38

Carbon Tetrachloride

Concen: 5.469 ug/l

RT: 7.959 min Scan# 996

Delta R.T. -0.122 min

Lab File: VW032005.D

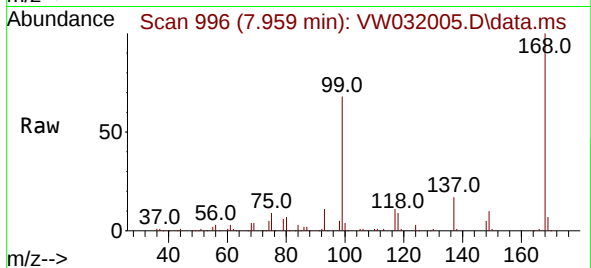
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Instrument :

MSVOA_W

ClientSampleId :

VW0805SBL01



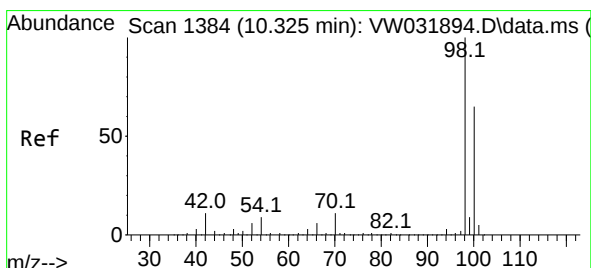
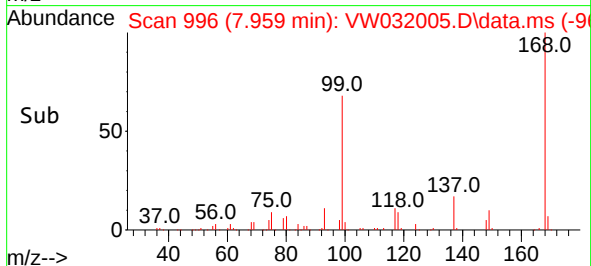
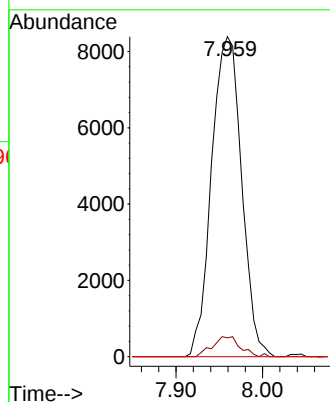
Tgt Ion: 117 Resp: 20208

Ion Ratio Lower Upper

117 100

119 5.9 74.3 111.5#

121 0.0 24.6 37.0#



#50

Toluene-d8

Concen: 48.288 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW032005.D

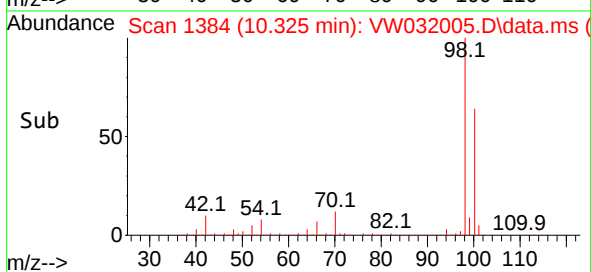
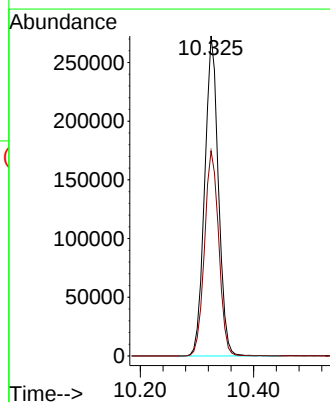
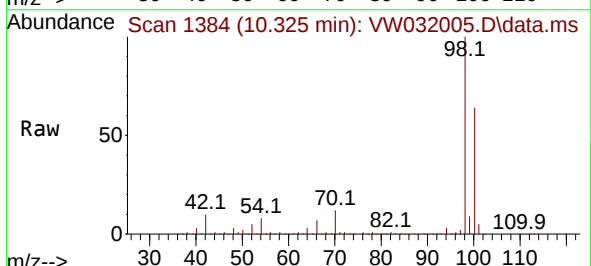
Acq: 05 Aug 2025 10:08

Tgt Ion: 98 Resp: 458172

Ion Ratio Lower Upper

98 100

100 66.2 51.7 77.5

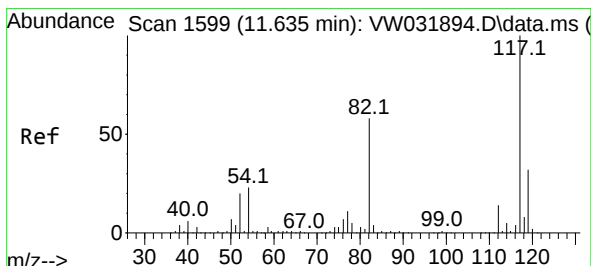
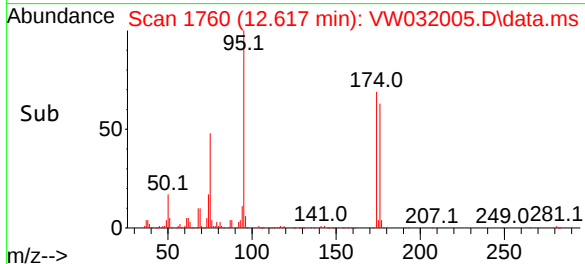
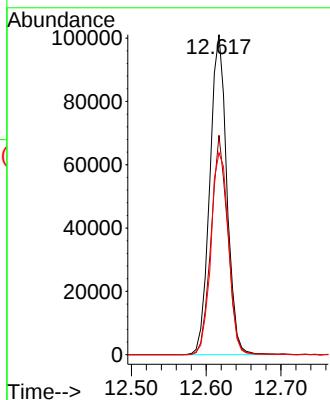
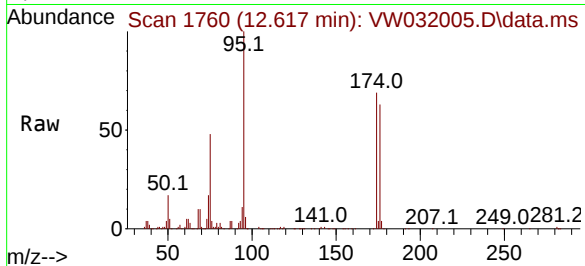




#62
4-Bromofluorobenzene
Concen: 44.005 ug/l
RT: 12.617 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032005.D
Acq: 05 Aug 2025 10:08

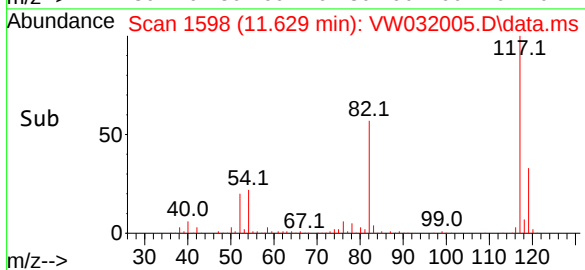
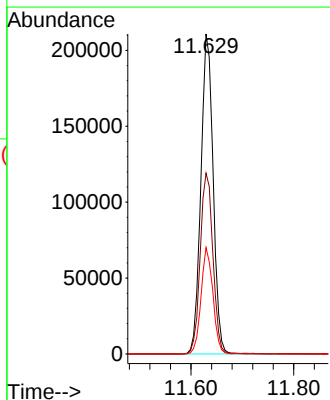
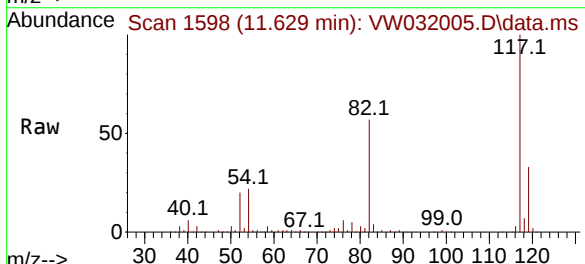
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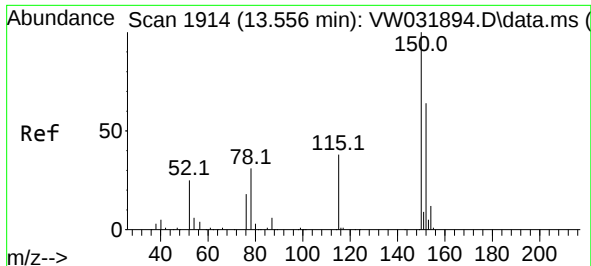
Tgt Ion: 95 Resp: 160327
Ion Ratio Lower Upper
95 100
174 66.9 0.0 129.8
176 65.3 0.0 130.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VW032005.D
Acq: 05 Aug 2025 10:08

Tgt Ion: 117 Resp: 349230
Ion Ratio Lower Upper
117 100
82 56.5 46.5 69.7
119 33.3 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: VW032005.D

Acq: 05 Aug 2025 10:08

Instrument :

MSVOA_W

ClientSampleId :

VW0805SBL01

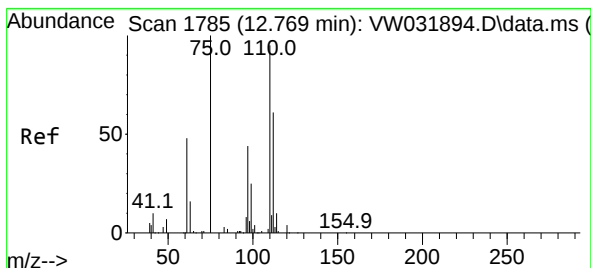
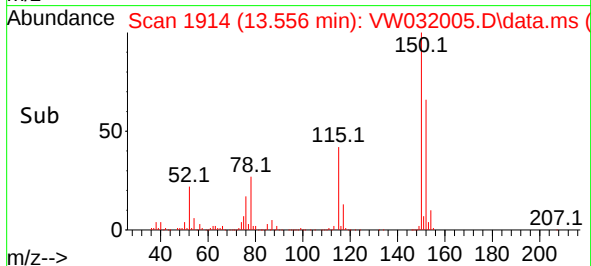
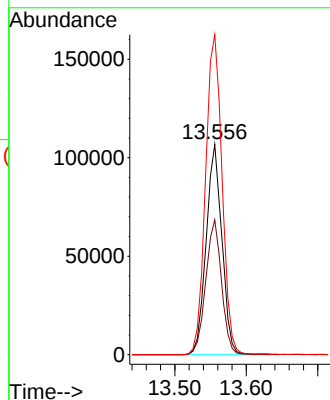
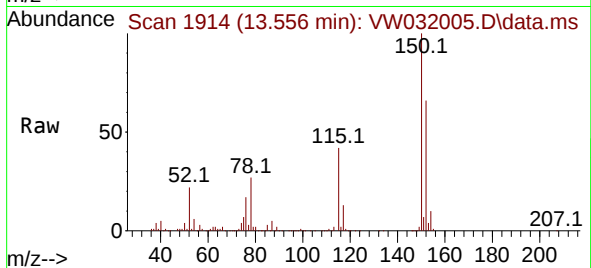
Tgt Ion:152 Resp: 163635

Ion Ratio Lower Upper

152 100

115 64.2 33.4 100.1

150 159.4 0.0 352.2



#76

1,2,3-Trichloropropane

Concen: 35.826 ug/l

RT: 12.617 min Scan# 1760

Delta R.T. -0.152 min

Lab File: VW032005.D

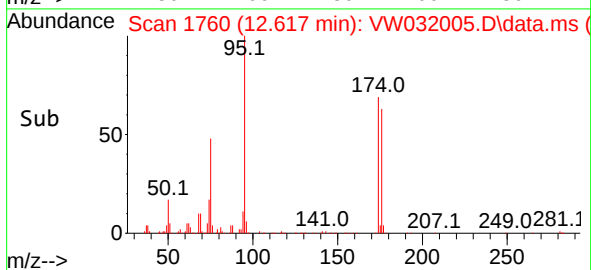
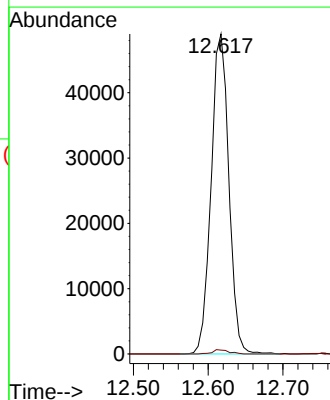
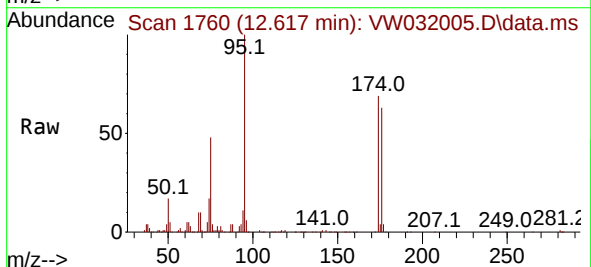
Acq: 05 Aug 2025 10:08

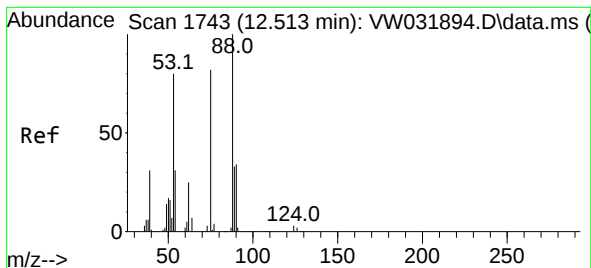
Tgt Ion: 75 Resp: 80940

Ion Ratio Lower Upper

75 100

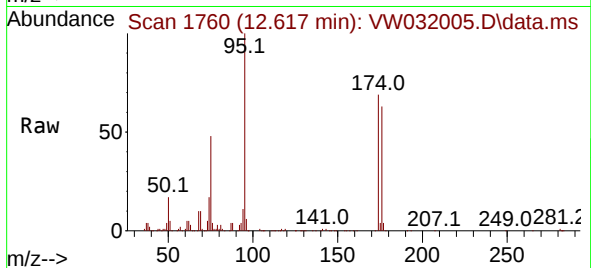
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.713 ug/l
 RT: 12.617 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VW032005.D
 Acq: 05 Aug 2025 10:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0805SBL01



Tgt Ion: 75 Resp: 80940
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.7 125.5#
 89 0.1 39.0 58.6#

