

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072125\
 Data File : VU063550.D
 Acq On : 21 Jul 2025 15:38
 Operator : MD/SY
 Sample : Q2552-11
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WS0725-PT-EDBCP-WS

Quant Time: Jul 22 04:09:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U071625DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jul 17 03:49:40 2025
 Response via : Initial Calibration

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

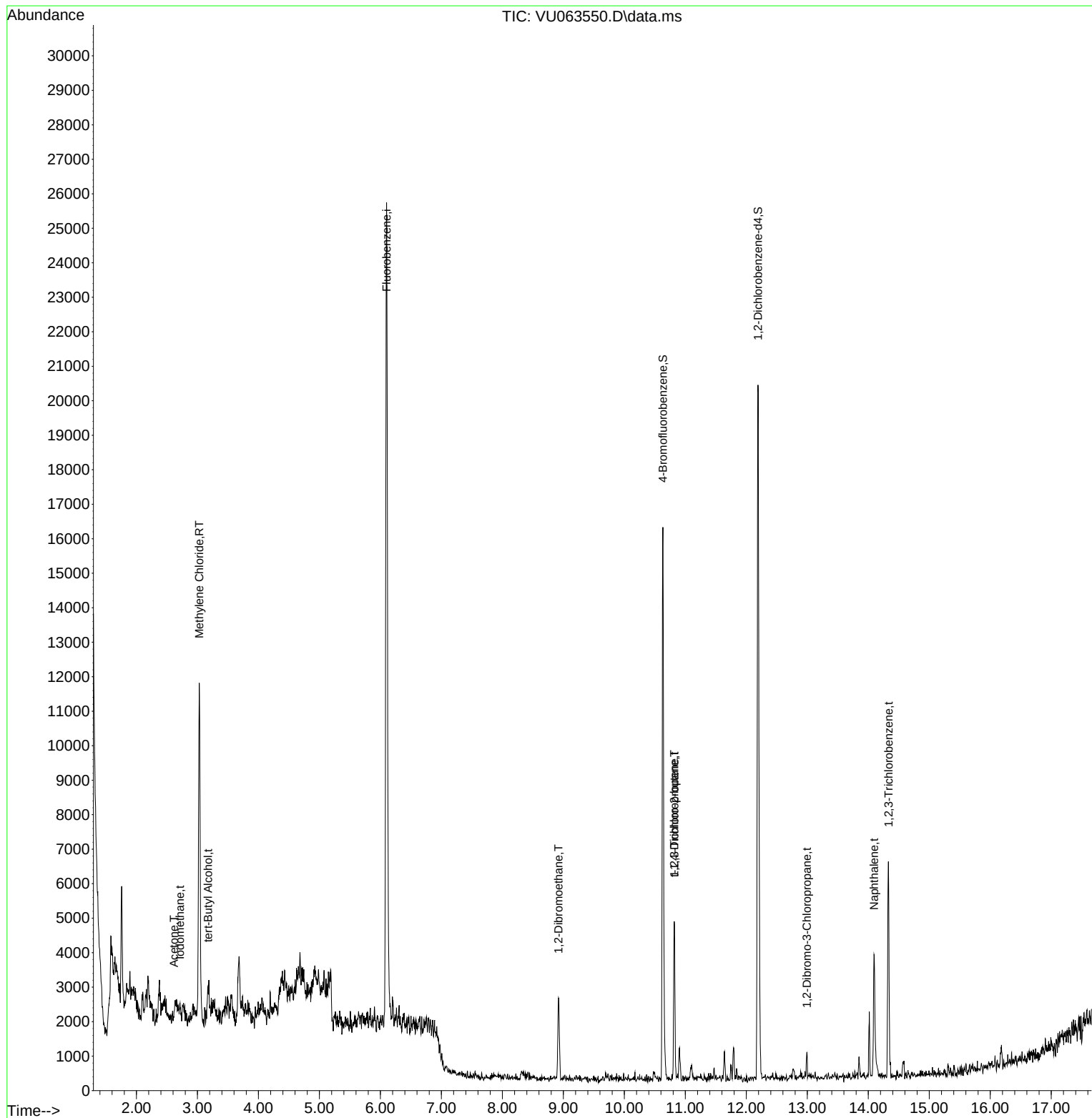
Internal Standards						
1) Fluorobenzene	6.100	96	21983	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	6002	0.721	ug/l	0.00
Spiked Amount 1.000			Recovery	=	72.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	5581	0.725	ug/l	0.00
Spiked Amount 1.000			Recovery	=	73.000%	
Target Compounds						
						Qvalue
10) Iodomethane	2.711	142	60	0.922	ug/l	# 29
13) Acetone	2.615	43	347	0.303	ug/l	# 43
15) Methylene Chloride	3.030	84	4312	0.642	ug/l	96
24) tert-Butyl Alcohol	3.174	59	249	0.474	ug/l	# 72
46) t-1,4-Dichloro-2-butene	10.817	75	2125	1.749	ug/l	# 31
56) 1,2-Dibromoethane	8.920	107	1714	0.453	ug/l	90
71) 1,2,3-Trichloropropane	10.817	75	2125	0.509	ug/l	# 96
86) 1,2-Dibromo-3-Chloropr...	12.991	75	157	0.385	ug/l	# 53
89) Naphthalene	14.093	128	4871	0.357	ug/l	# 90
90) 1,2,3-Trichlorobenzene	14.331	180	2521	0.358	ug/l	93

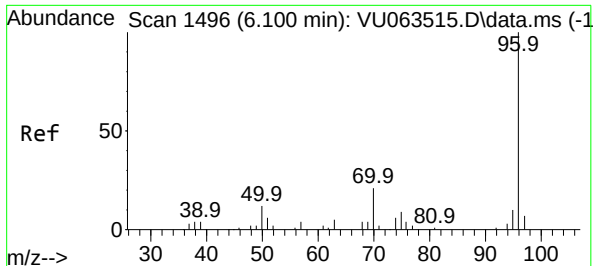
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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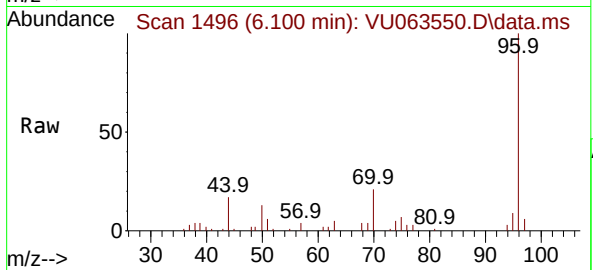
Quant Time: Jul 22 04:09:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U071625DW.M
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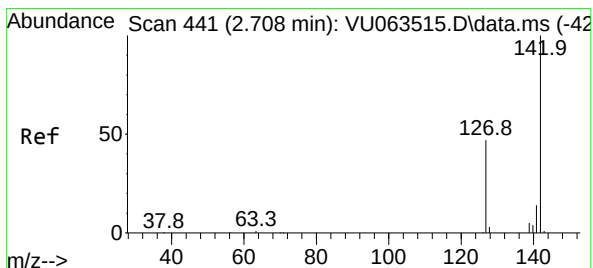
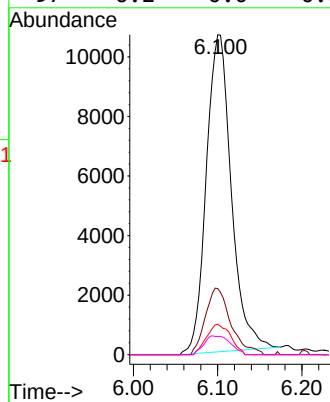
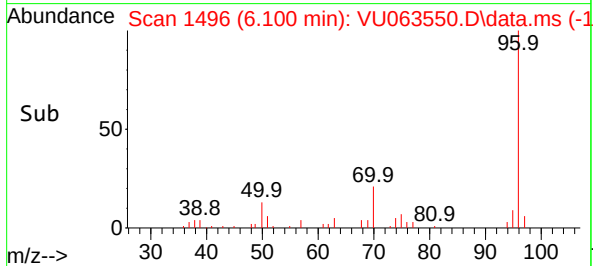


#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.100 min Scan# 1496
Delta R.T. 0.000 min
Lab File: VU063550.D
Acq: 21 Jul 2025 15:38

Instrument :
MSVOA_U
ClientSampleId :
WS0725-PT-EDBCP-WS

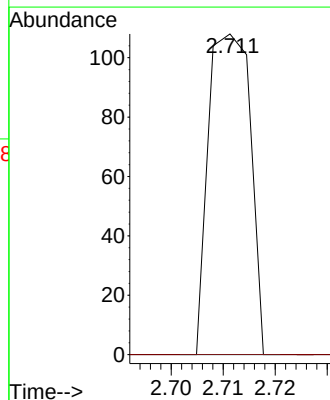
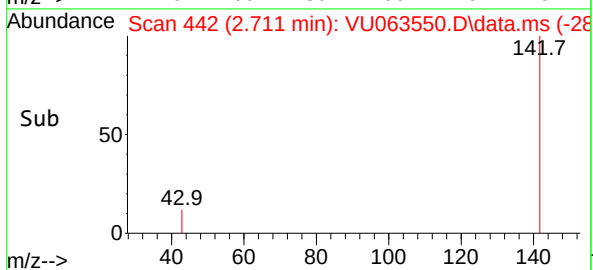
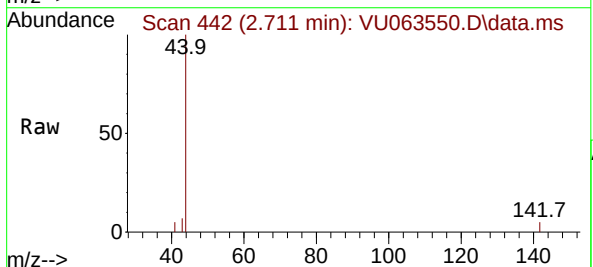


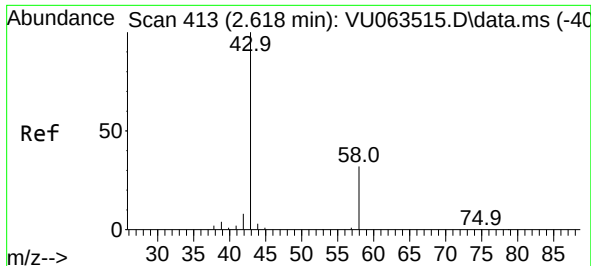
Tgt Ion:	96	Resp:	21983
Ion	Ratio	Lower	Upper
96	100		
70	21.3	15.0	22.4
95	9.2	7.4	11.0
97	6.2	0.0	0.0



#10
Iodomethane
Concen: 0.922 ug/l
RT: 2.711 min Scan# 442
Delta R.T. 0.003 min
Lab File: VU063550.D
Acq: 21 Jul 2025 15:38

Tgt Ion:	142	Resp:	60
Ion	Ratio	Lower	Upper
142	100		
127	0.0	37.9	56.9





#13

Acetone

Concen: 0.303 ug/l

RT: 2.615 min Scan# 413

Delta R.T. -0.003 min

Lab File: VU063550.D

Acq: 21 Jul 2025 15:38

Instrument :

MSVOA_U

ClientSampleId :

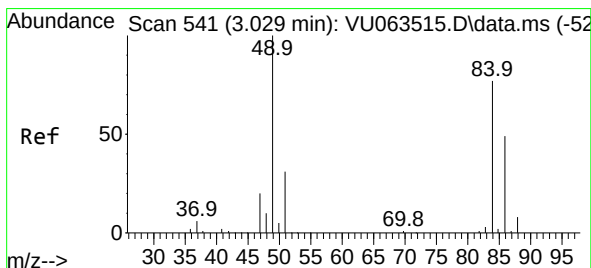
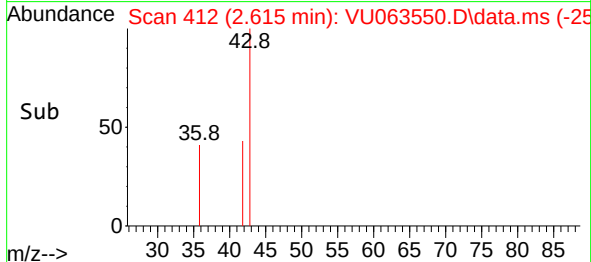
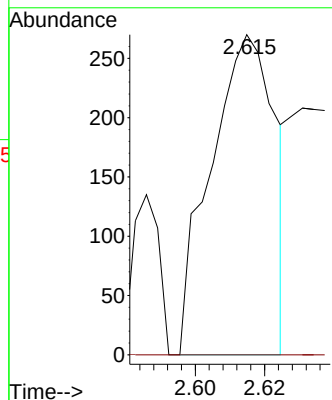
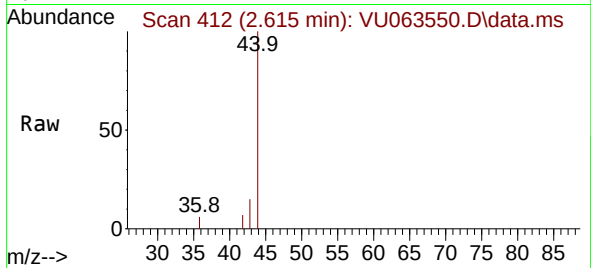
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Tgt Ion: 43 Resp: 347

Ion Ratio Lower Upper

43 100

58 0.0 25.4 38.0#



#15

Methylene Chloride

Concen: 0.642 ug/l

RT: 3.030 min Scan# 541

Delta R.T. 0.000 min

Lab File: VU063550.D

Acq: 21 Jul 2025 15:38

Tgt Ion: 84 Resp: 4312

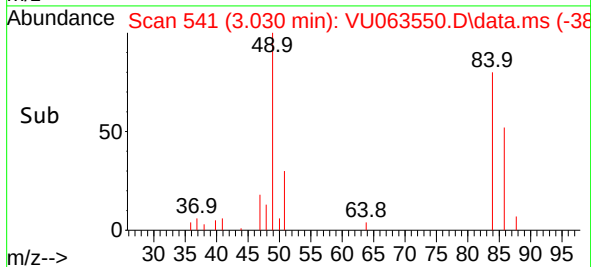
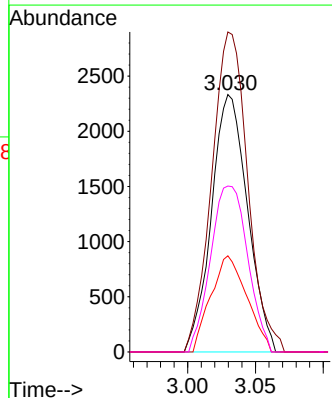
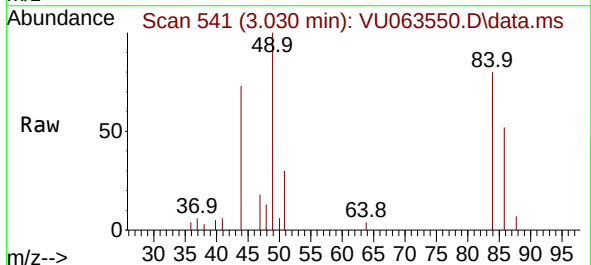
Ion Ratio Lower Upper

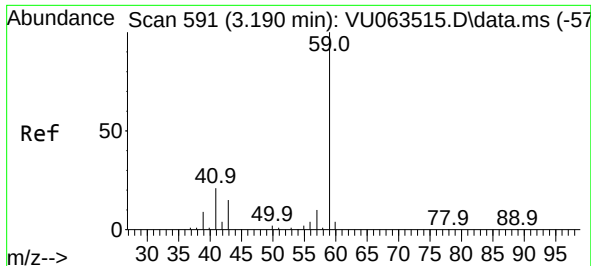
84 100

49 124.3 103.8 155.8

51 37.3 0.0 80.4

86 64.4 51.1 76.7

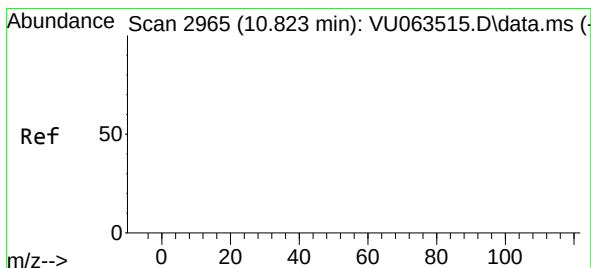
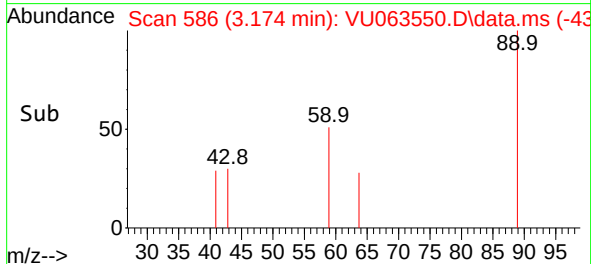
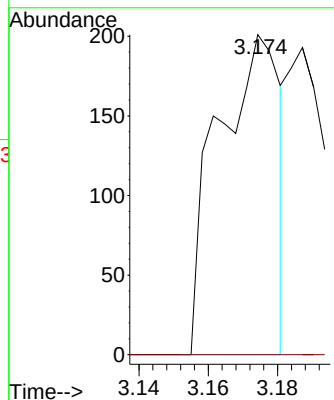
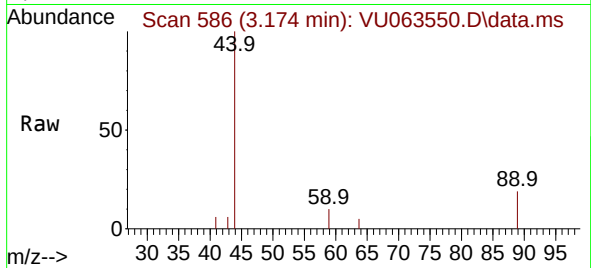




#24
 tert-Butyl Alcohol
 Concen: 0.474 ug/l
 RT: 3.174 min Scan# 591
 Delta R.T. -0.016 min
 Lab File: VU063550.D
 Acq: 21 Jul 2025 15:38

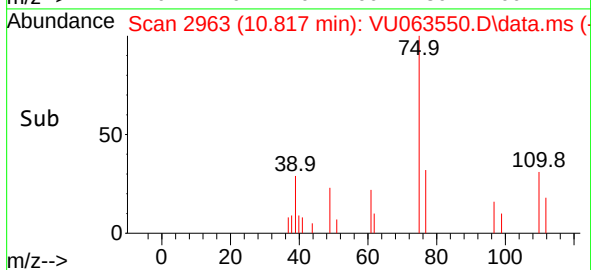
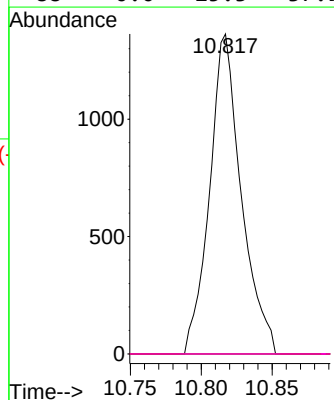
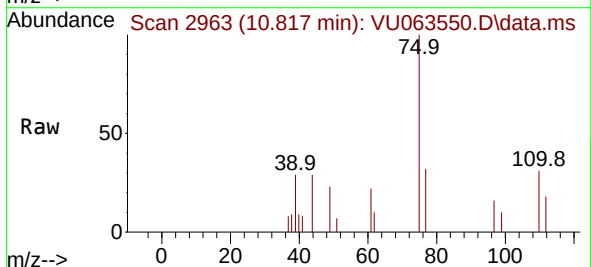
Instrument :
 MSVOA_U
 ClientSampleId :
 WS0725-PT-EDBCP-WS

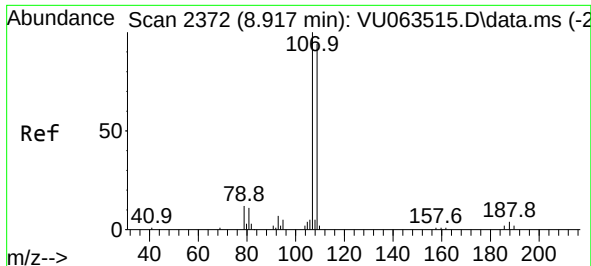
Tgt Ion: 59 Resp: 249
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.6 12.8#



#46
 t-1,4-Dichloro-2-butene
 Concen: 1.749 ug/l
 RT: 10.817 min Scan# 2963
 Delta R.T. -0.006 min
 Lab File: VU063550.D
 Acq: 21 Jul 2025 15:38

Tgt Ion: 75 Resp: 2125
 Ion Ratio Lower Upper
 75 100
 53 0.0 48.4 72.6#
 89 0.0 30.6 45.8#
 88 0.0 25.3 37.9#

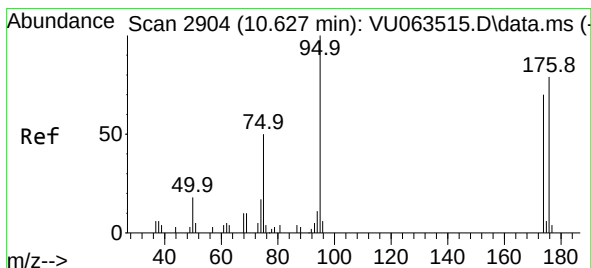
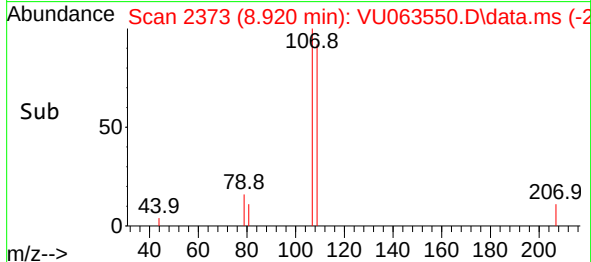
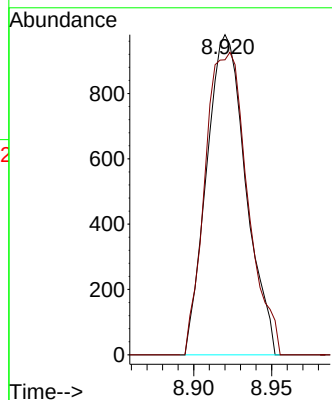
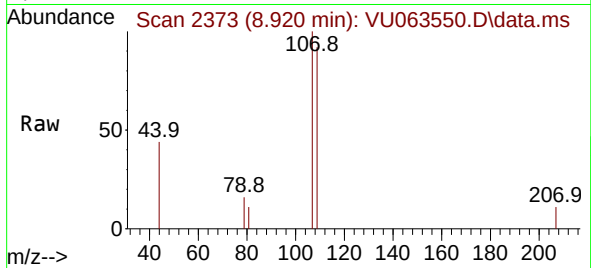




#56
1,2-Dibromoethane
Concen: 0.453 ug/l
RT: 8.920 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063550.D
Acq: 21 Jul 2025 15:38

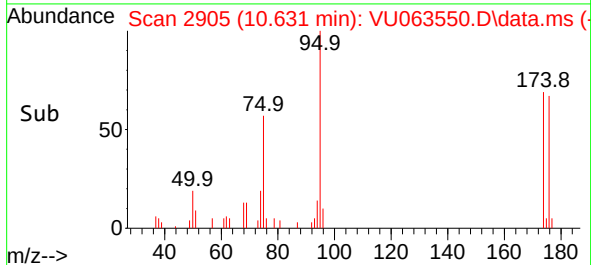
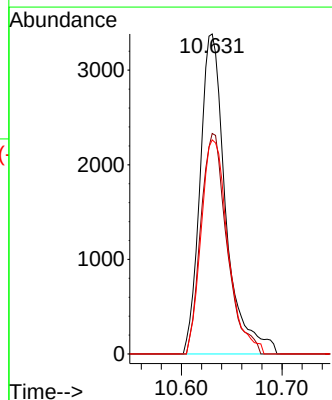
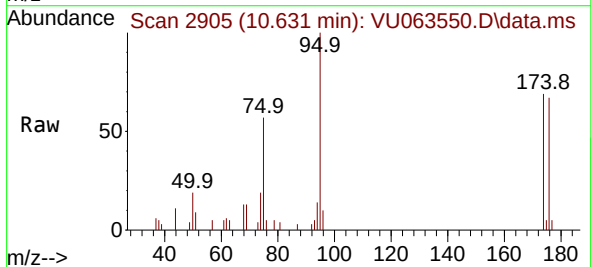
Instrument :
MSVOA_U
ClientSampleId :
WS0725-PT-EDBCP-WS

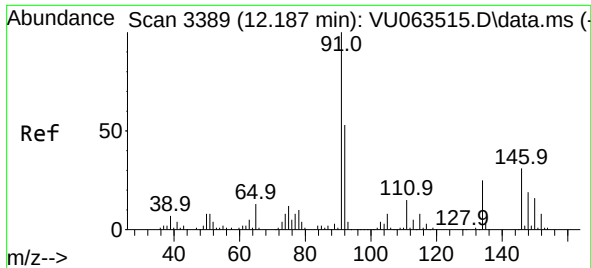
Tgt Ion:107 Resp: 1714
Ion Ratio Lower Upper
107 100
109 102.4 0.0 186.4



#57
4-Bromofluorobenzene
Concen: 0.721 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. 0.003 min
Lab File: VU063550.D
Acq: 21 Jul 2025 15:38

Tgt Ion: 95 Resp: 6002
Ion Ratio Lower Upper
95 100
174 70.1 59.8 89.8
176 70.0 61.8 92.8

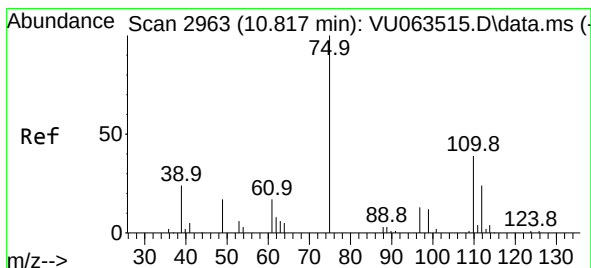
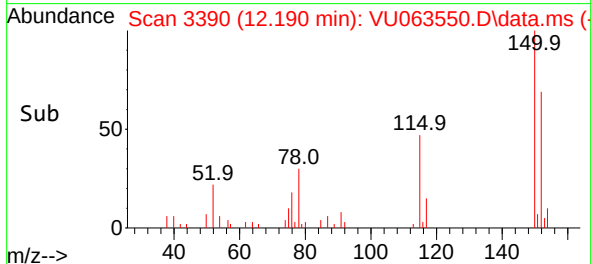
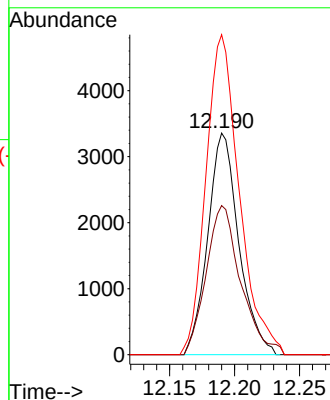
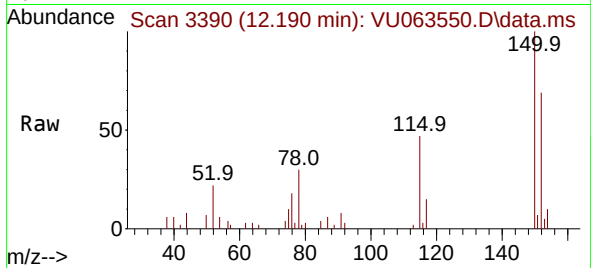




#68
1,2-Dichlorobenzene-d4
Concen: 0.725 ug/l
RT: 12.190 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU063550.D
Acq: 21 Jul 2025 15:38

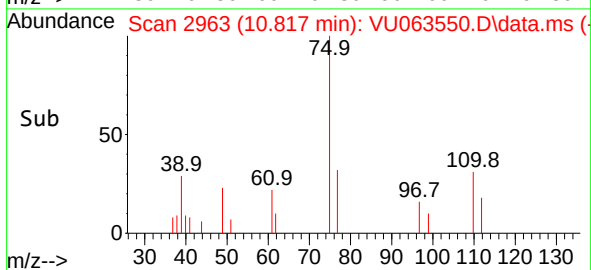
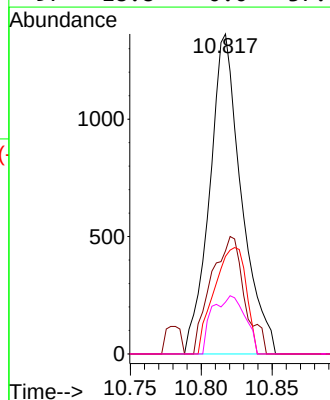
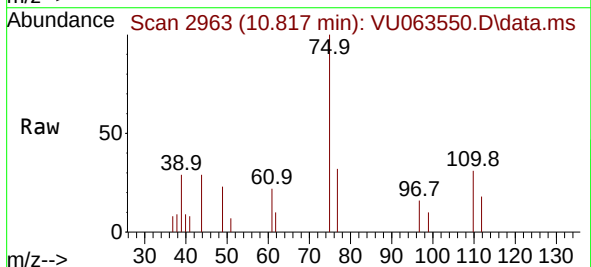
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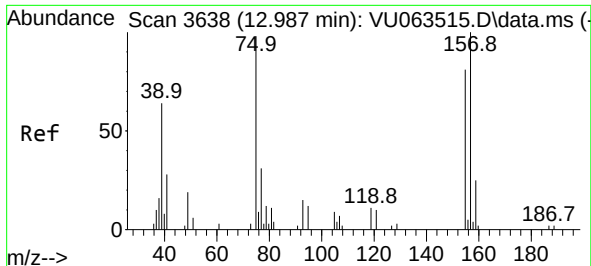
Tgt Ion:	152	Resp:	5581
Ion Ratio	Lower	Upper	
152	100		
115	74.8	0.0	262.2
150	155.0	0.0	651.2



#71
1,2,3-Trichloropropane
Concen: 0.509 ug/l
RT: 10.817 min Scan# 2963
Delta R.T. 0.000 min
Lab File: VU063550.D
Acq: 21 Jul 2025 15:38

Tgt Ion:	75	Resp:	2125
Ion Ratio	Lower	Upper	
75	100		
77	38.8	0.0	0.0#
110	33.3	0.0	73.2
97	18.8	0.0	37.6

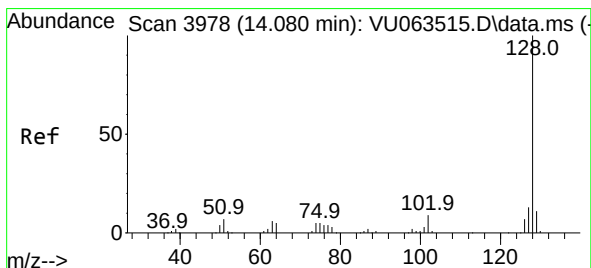
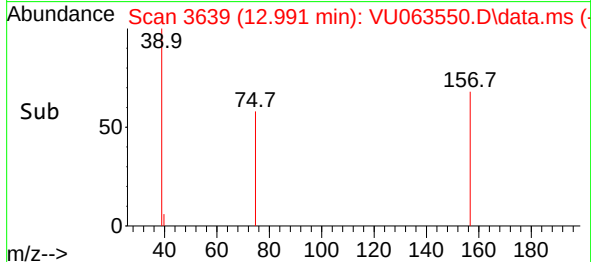
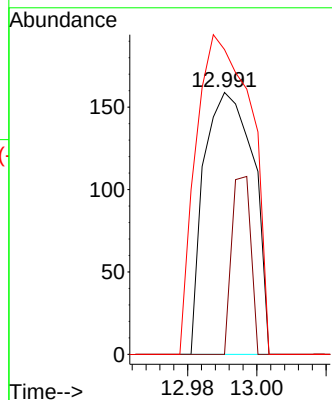
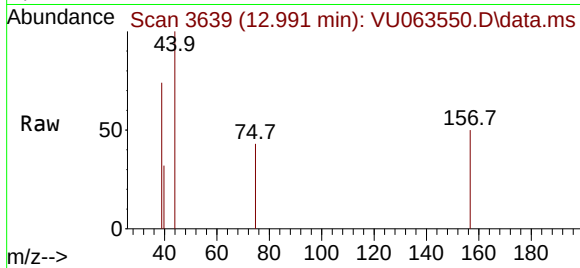




#86
1,2-Dibromo-3-Chloropropane
Concen: 0.385 ug/l
RT: 12.991 min Scan# 3639
Delta R.T. 0.004 min
Lab File: VU063550.D
Acq: 21 Jul 2025 15:38

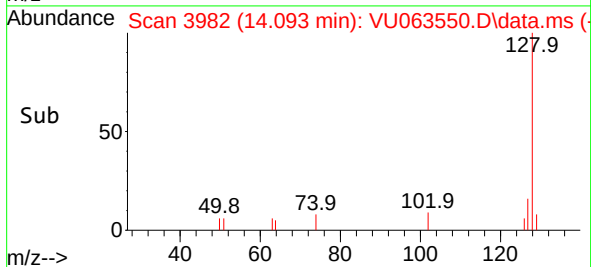
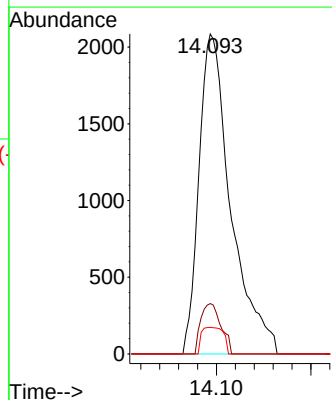
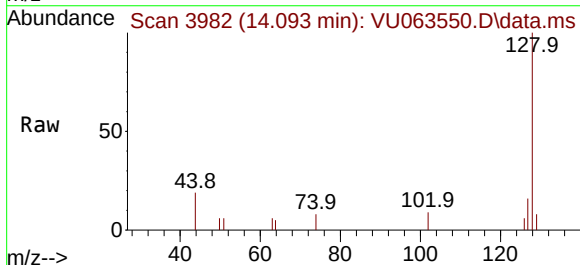
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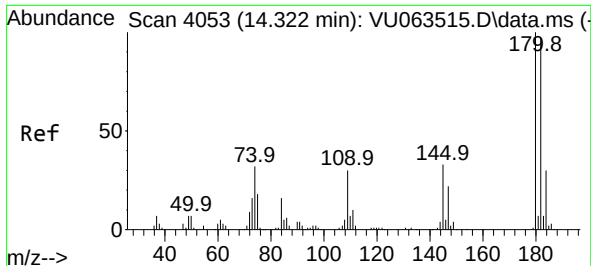
Tgt Ion: 75 Resp: 157
Ion Ratio Lower Upper
75 100
155 26.1 65.8 98.6#
157 136.3 81.4 122.2#



#89
Naphthalene
Concen: 0.357 ug/l
RT: 14.093 min Scan# 3982
Delta R.T. 0.013 min
Lab File: VU063550.D
Acq: 21 Jul 2025 15:38

Tgt Ion:128 Resp: 4871
Ion Ratio Lower Upper
128 100
127 10.0 10.2 15.4#
129 5.6 8.8 13.2#





#90

1,2,3-Trichlorobenzene

Concen: 0.358 ug/l

RT: 14.331 min Scan# 40

Delta R.T. 0.010 min

Lab File: VU063550.D

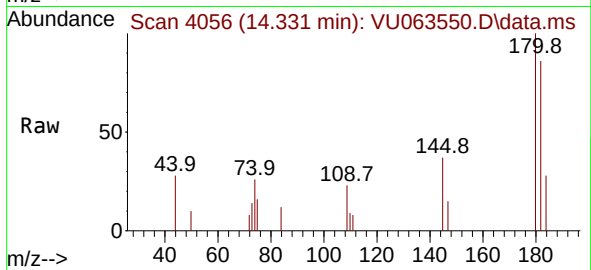
Acq: 21 Jul 2025 15:38

Instrument :

MSVOA_U

ClientSampleId :

WS0725-PT-EDBCP-WS



Tgt Ion:180 Resp: 2521

Ion Ratio Lower Upper

180 100

182 89.2 78.0 117.0

145 32.7 27.3 40.9

