

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071825\
 Data File : VU063537.D
 Acq On : 18 Jul 2025 15:24
 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 18 23:50:43 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)

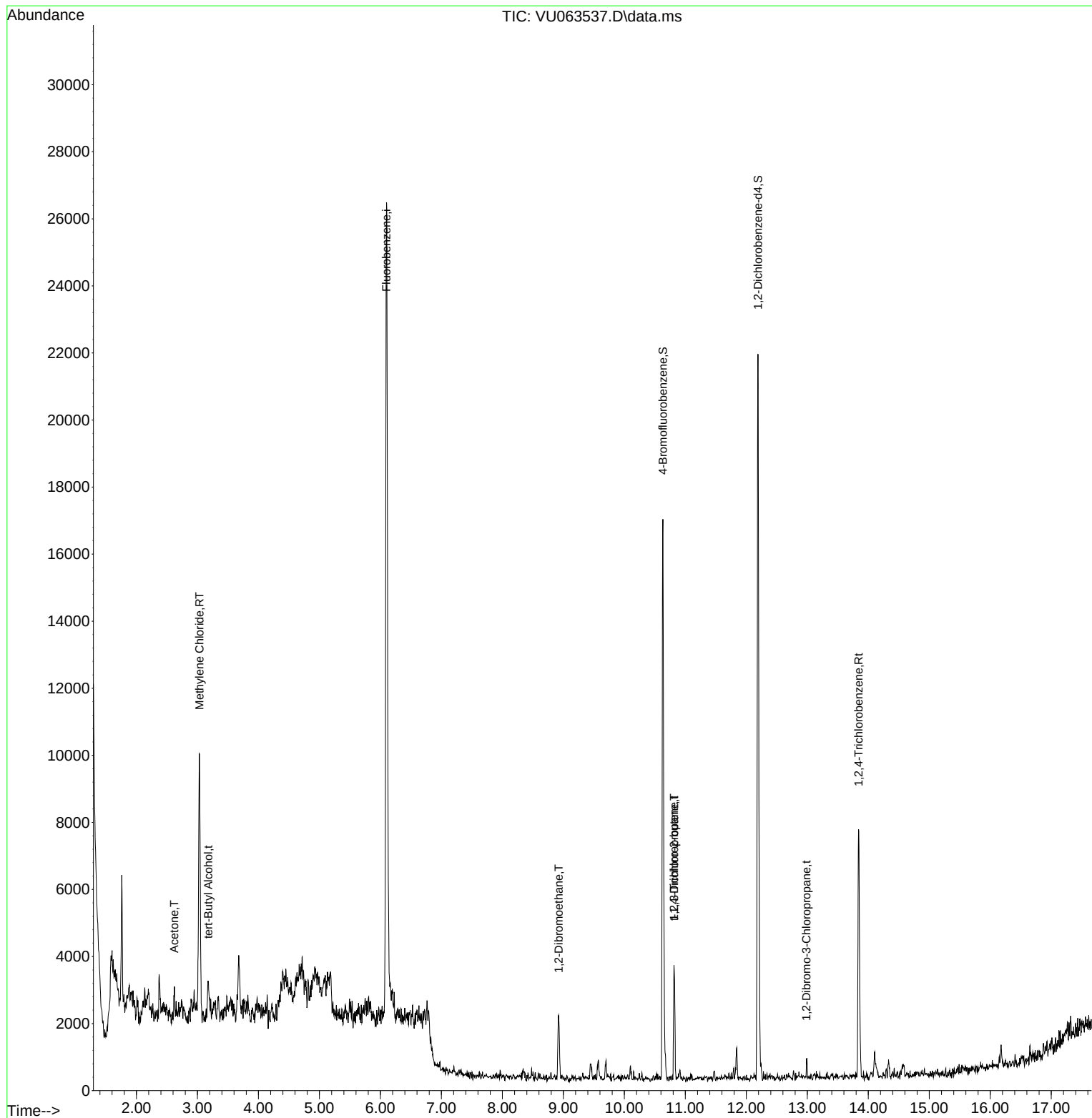
Internal Standards						
1) Fluorobenzene	6.100	96	23131	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	6561	0.749	ug/l	0.00
Spiked Amount 1.000			Recovery	=	75.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	5974	0.738	ug/l	0.00
Spiked Amount 1.000			Recovery	=	74.000%	
Target Compounds						
						Qvalue
13) Acetone	2.618	43	738	0.613	ug/l	# 43
15) Methylene Chloride	3.033	84	3433	0.486	ug/l	90
24) tert-Butyl Alcohol	3.178	59	400	0.724	ug/l	# 72
46) t-1,4-Dichloro-2-butene	10.814	75	1751	1.370	ug/l	# 31
56) 1,2-Dibromoethane	8.923	107	1651	0.415	ug/l	94
71) 1,2,3-Trichloropropane	10.814	75	1751	0.398	ug/l	# 95
86) 1,2-Dibromo-3-Chloropr...	12.984	75	41	0.217	ug/l	# 3
87) 1,2,4-Trichlorobenzene	13.843	180	3229	0.403	ug/l	95

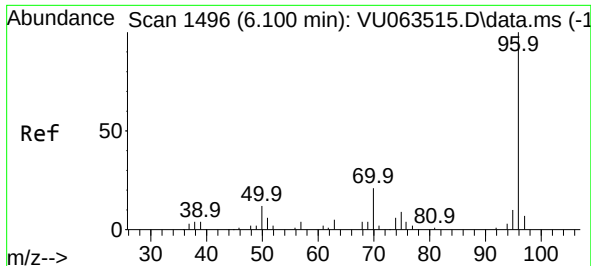
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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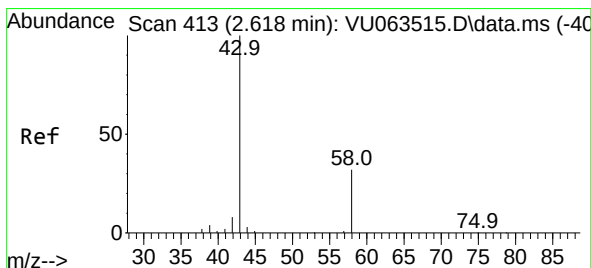
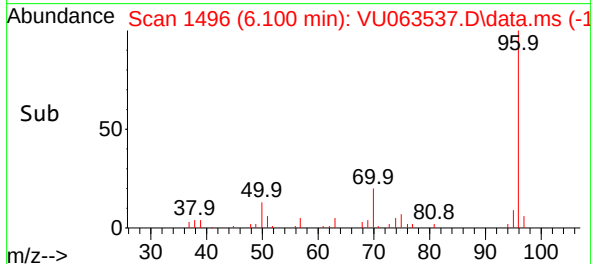
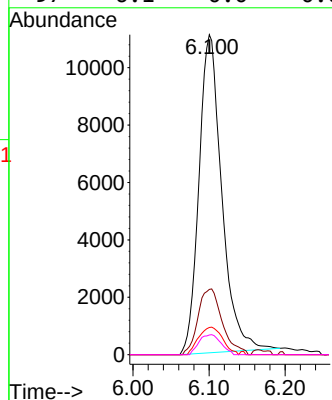
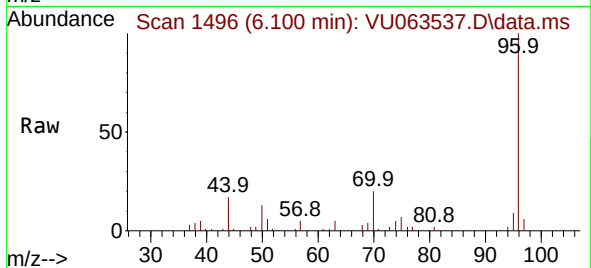




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.100 min Scan# 1496
Delta R.T. 0.000 min
Lab File: VU063537.D
Acq: 18 Jul 2025 15:24

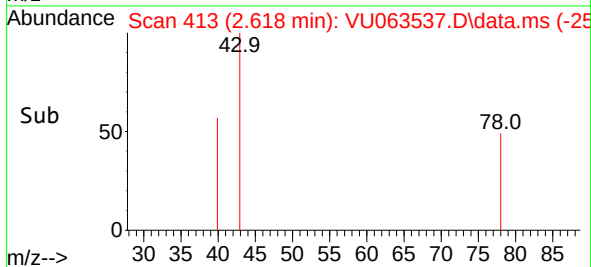
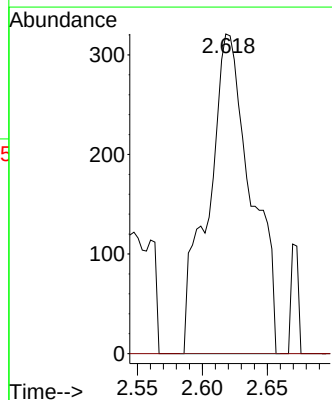
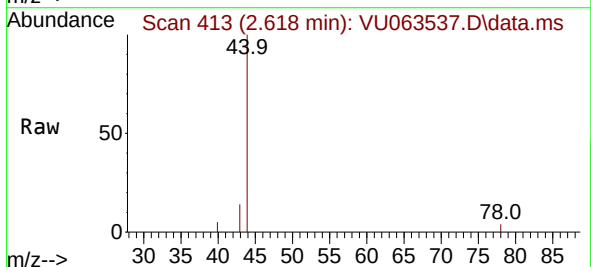
Instrument :
MSVOA_U
ClientSampleId :
WS0725-PT-EDBCP-WS

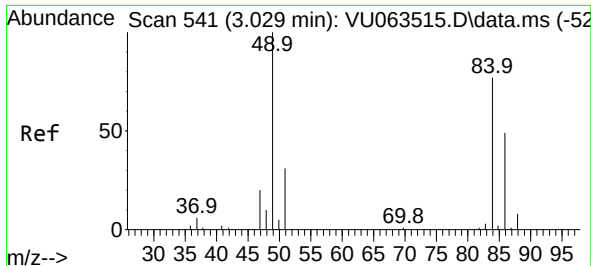
Tgt Ion:	96	Resp:	23131
Ion Ratio	Lower	Upper	
96	100		
70	21.9	15.0	22.4
95	9.1	7.4	11.0
97	6.1	0.0	0.0



#13
Acetone
Concen: 0.613 ug/l
RT: 2.618 min Scan# 413
Delta R.T. 0.000 min
Lab File: VU063537.D
Acq: 18 Jul 2025 15:24

Tgt Ion:	43	Resp:	738
Ion Ratio	Lower	Upper	
43	100		
58	0.0	25.4	38.0

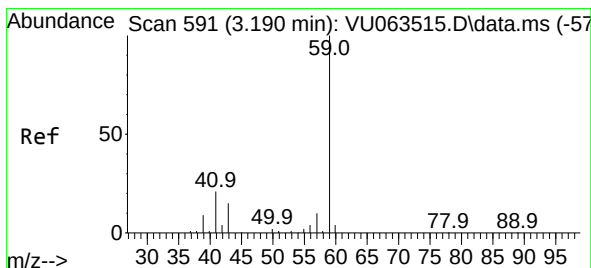
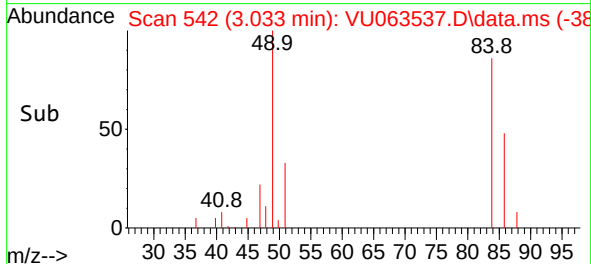
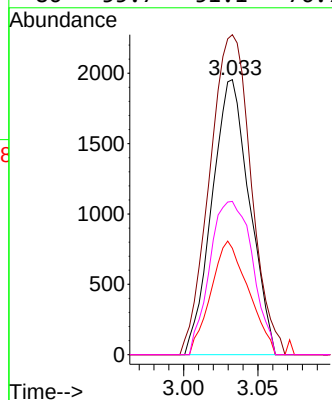
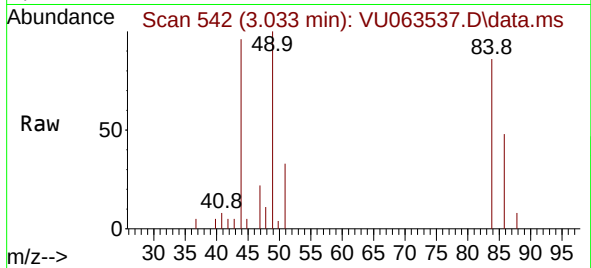




#15
Methylene Chloride
Concen: 0.486 ug/l
RT: 3.033 min Scan# 541
Delta R.T. 0.003 min
Lab File: VU063537.D
Acq: 18 Jul 2025 15:24

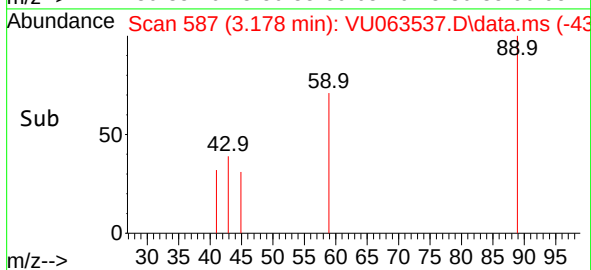
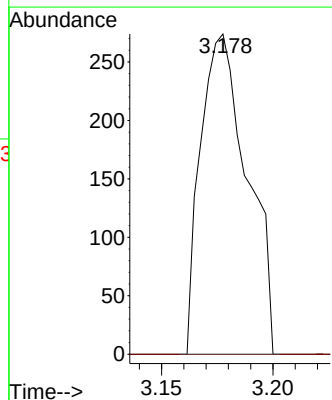
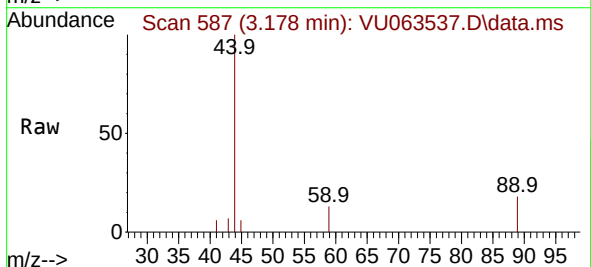
Instrument :
MSVOA_U
ClientSampleId :
WS0725-PT-EDBCP-WS

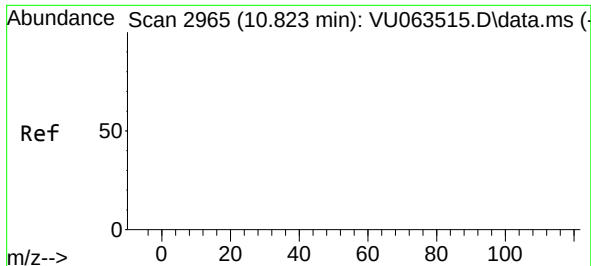
Tgt Ion: 84	Resp: 3433
Ion Ratio	Lower Upper
84	100
49	116.3 103.8 155.8
51	38.7 0.0 80.4
86	55.7 51.1 76.7



#24
tert-Butyl Alcohol
Concen: 0.724 ug/l
RT: 3.178 min Scan# 587
Delta R.T. -0.013 min
Lab File: VU063537.D
Acq: 18 Jul 2025 15:24

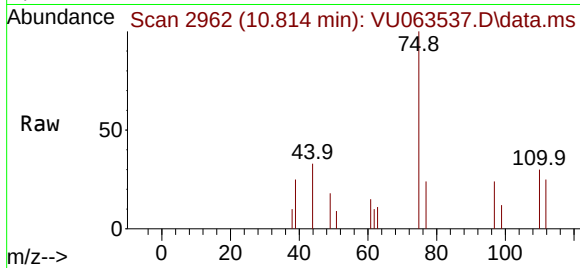
Tgt Ion: 59	Resp: 400
Ion Ratio	Lower Upper
59	100
57	0.0 8.6 12.8#



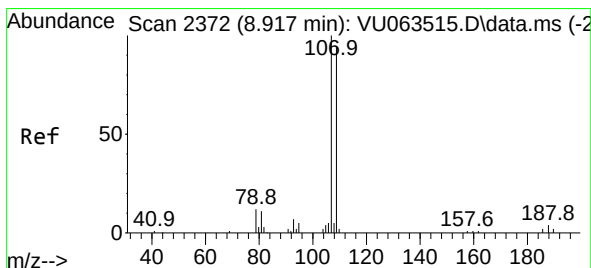
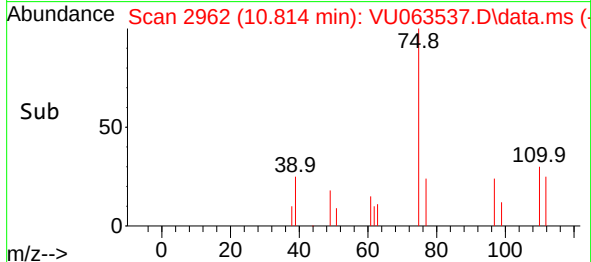
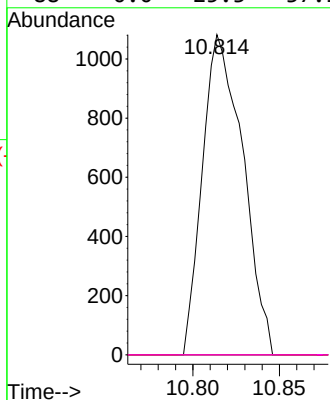


#46
t-1,4-Dichloro-2-butene
Concen: 1.370 ug/l
RT: 10.814 min Scan# 2962
Delta R.T. -0.010 min
Lab File: VU063537.D
Acq: 18 Jul 2025 15:24

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

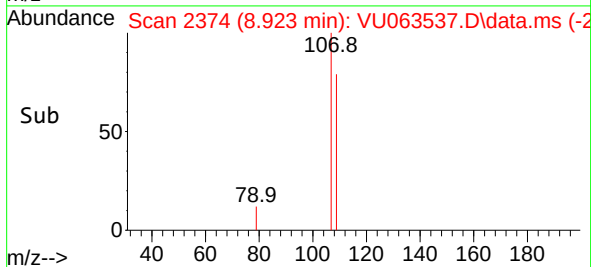
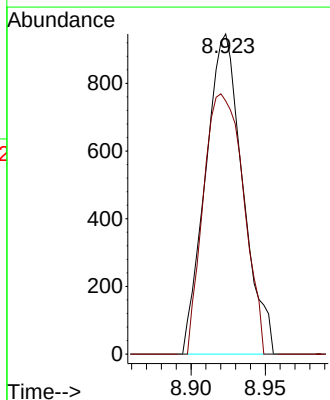
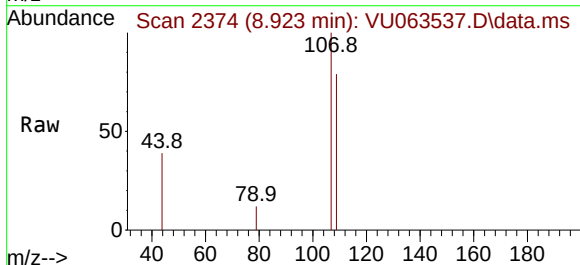


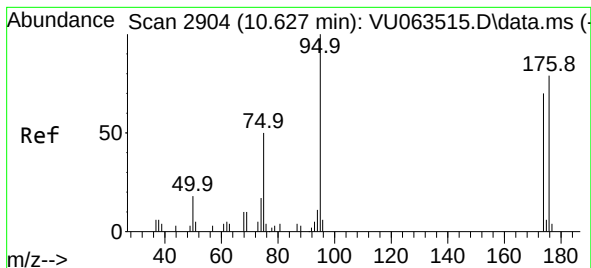
Tgt Ion:	75	Resp:	1751
Ion	Ratio	Lower	Upper
75	100		
53	0.0	48.4	72.6#
89	0.0	30.6	45.8#
88	0.0	25.3	37.9#



#56
1,2-Dibromoethane
Concen: 0.415 ug/l
RT: 8.923 min Scan# 2374
Delta R.T. 0.007 min
Lab File: VU063537.D
Acq: 18 Jul 2025 15:24

Tgt Ion:	107	Resp:	1651
Ion	Ratio	Lower	Upper
107	100		
109	87.3	0.0	186.4

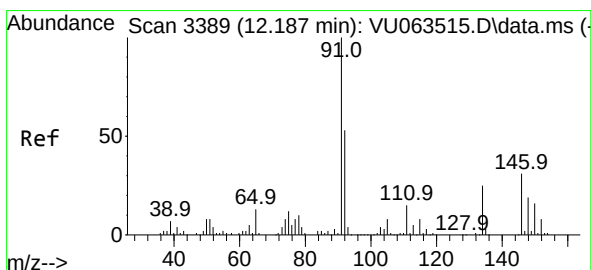
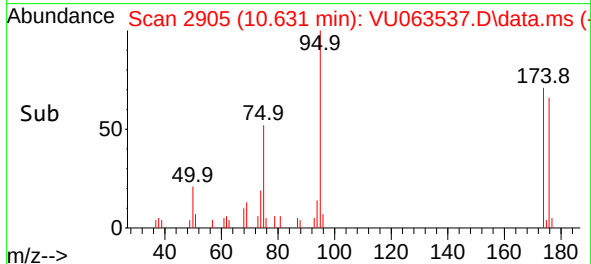
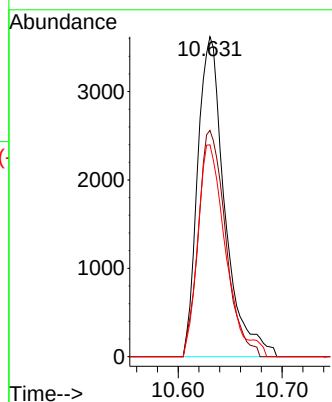
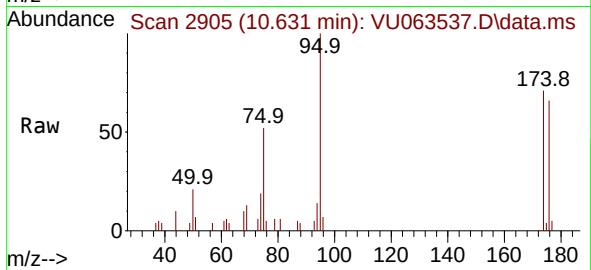




#57
 4-Bromofluorobenzene
 Concen: 0.749 ug/l
 RT: 10.631 min Scan# 2905
 Delta R.T. 0.003 min
 Lab File: VU063537.D
 Acq: 18 Jul 2025 15:24

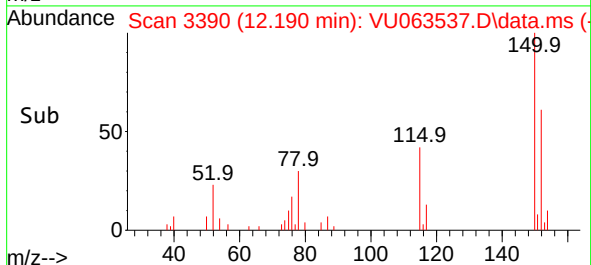
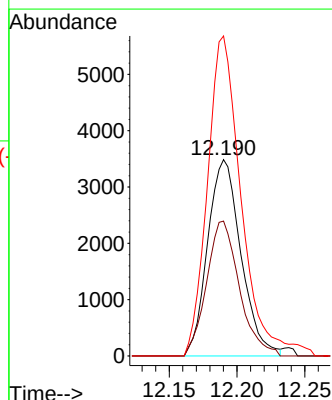
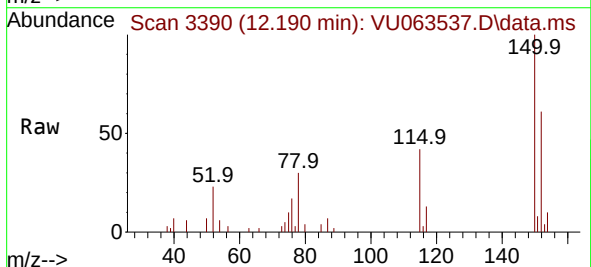
Instrument :
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 ClientSampleId :
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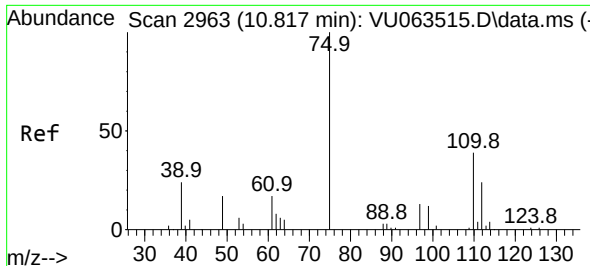
Tgt Ion: 95 Resp: 6561
 Ion Ratio Lower Upper
 95 100
 174 70.9 59.8 89.8
 176 68.0 61.8 92.8



#68
 1,2-Dichlorobenzene-d4
 Concen: 0.738 ug/l
 RT: 12.190 min Scan# 3390
 Delta R.T. 0.003 min
 Lab File: VU063537.D
 Acq: 18 Jul 2025 15:24

Tgt Ion: 152 Resp: 5974
 Ion Ratio Lower Upper
 152 100
 115 67.4 0.0 262.2
 150 165.0 0.0 651.2

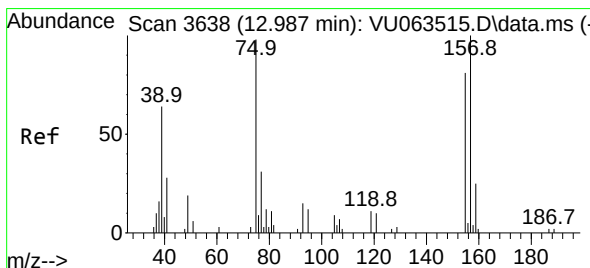
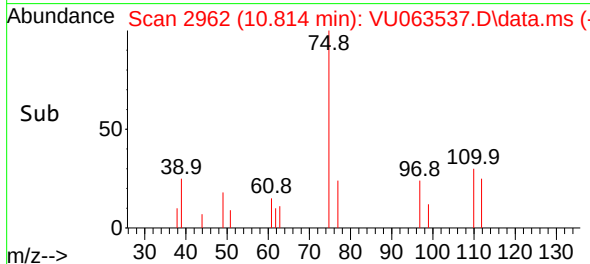
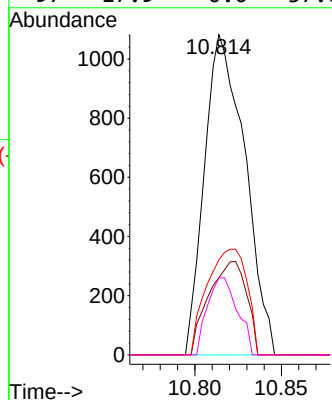
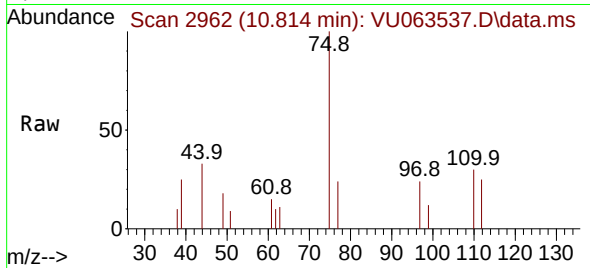




#71
1,2,3-Trichloropropane
Concen: 0.398 ug/l
RT: 10.814 min Scan# 2962
Delta R.T. -0.003 min
Lab File: VU063537.D
Acq: 18 Jul 2025 15:24

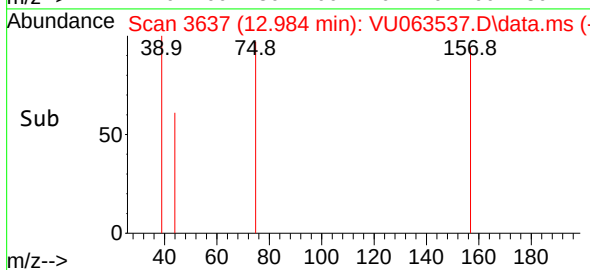
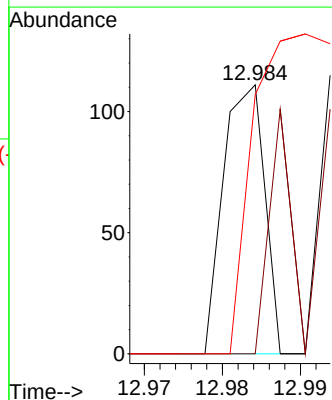
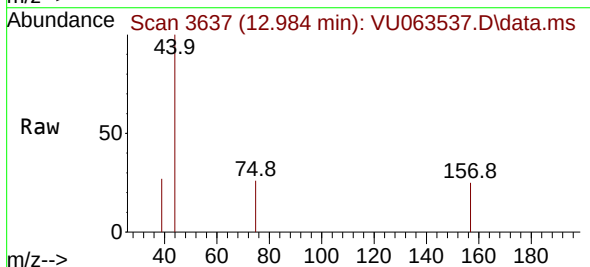
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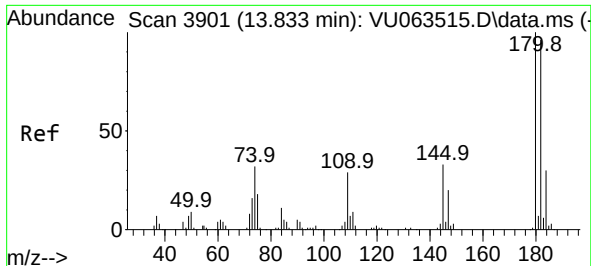
Tgt Ion:	75	Resp:	1751
Ion	Ratio	Lower	Upper
75	100		
77	27.2	0.0	0.0#
110	32.7	0.0	73.2
97	17.9	0.0	37.6



#86
1,2-Dibromo-3-Chloropropane
Concen: 0.217 ug/l
RT: 12.984 min Scan# 3637
Delta R.T. -0.003 min
Lab File: VU063537.D
Acq: 18 Jul 2025 15:24

Tgt Ion:	75	Resp:	41
Ion	Ratio	Lower	Upper
75	100		
155	0.0	65.8	98.6#
157	0.0	81.4	122.2#





#87

1,2,4-Trichlorobenzene

Concen: 0.403 ug/l

RT: 13.843 min Scan# 3904

Delta R.T. 0.010 min

Lab File: VU063537.D

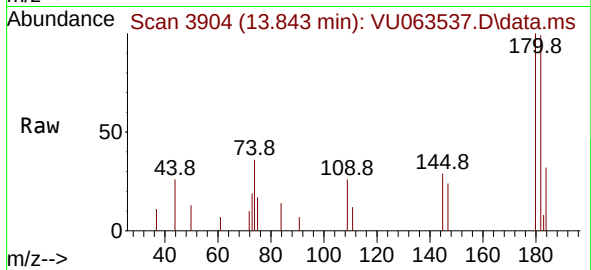
Acq: 18 Jul 2025 15:24

Instrument :

MSVOA_U

ClientSampleId :

WS0725-PT-EDBCP-WS



Tgt Ion:180 Resp: 3229

Ion Ratio Lower Upper

180 100

182 92.0 76.2 114.4

145 26.2 26.2 39.2

