

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091525\
 Data File : VU063581.D
 Acq On : 15 Sep 2025 16:14
 Operator : MD/SY
 Sample : VIBLK
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 16 04:57:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U091225DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Sat Sep 13 03:31:19 2025
 Response via : Initial Calibration

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

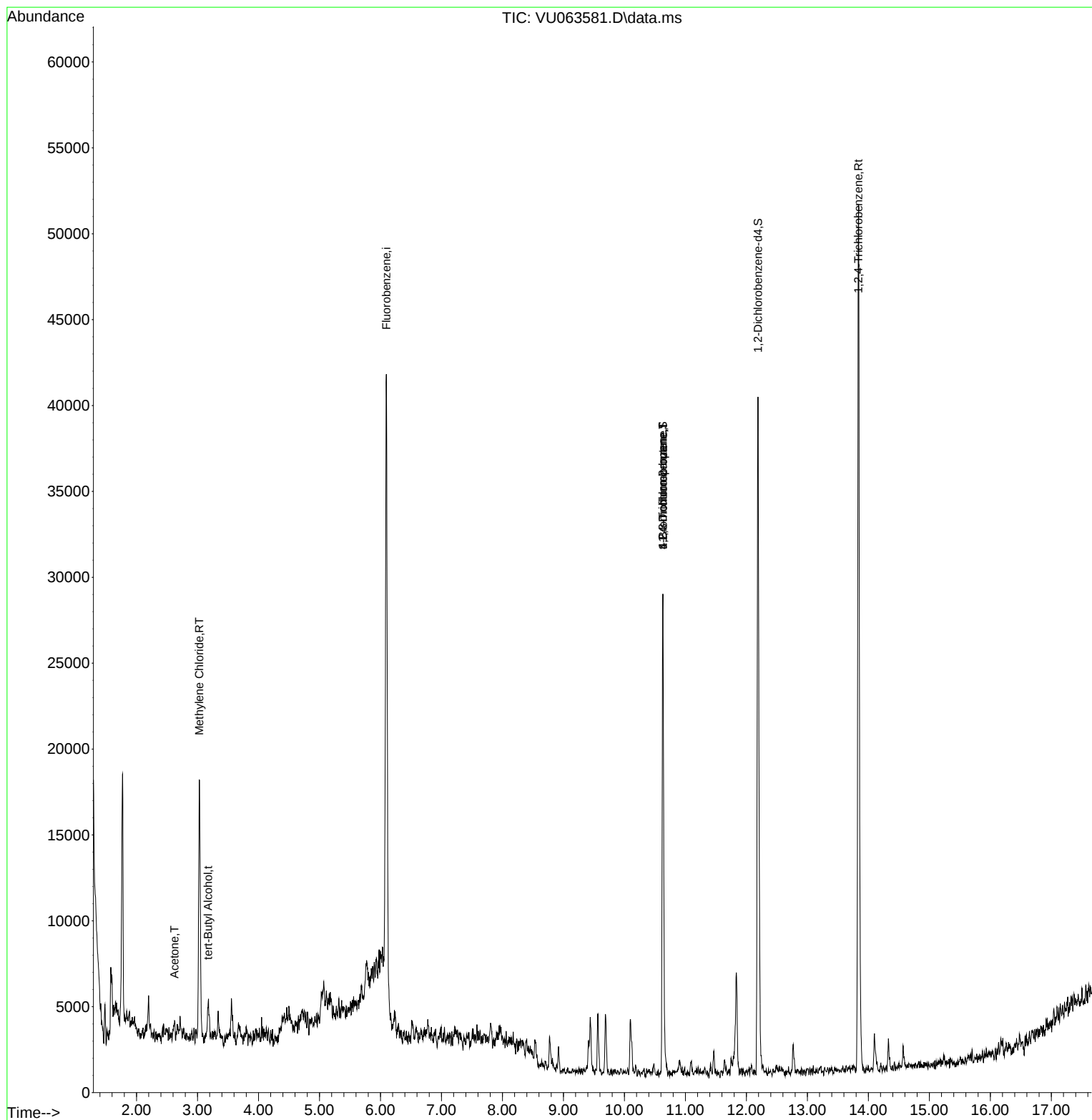
Internal Standards						
1) Fluorobenzene	6.097	96	34075	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	10627	0.837	ug/l	0.00
Spiked Amount 1.000			Recovery	=	84.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	10635	0.822	ug/l	0.00
Spiked Amount 1.000			Recovery	=	82.000%	
Target Compounds						
						Qvalue
13) Acetone	2.621	43	1205	0.317	ug/l	97
15) Methylene Chloride	3.029	84	6293	0.536	ug/l	94
24) tert-Butyl Alcohol	3.174	59	1376	1.319	ug/l #	72
46) t-1,4-Dichloro-2-butene	10.630	75	5340	2.012	ug/l #	38
71) 1,2,3-Trichloropropane	10.630	75	5340	0.706	ug/l #	43
87) 1,2,4-Trichlorobenzene	13.836	180	17776	1.311	ug/l	98

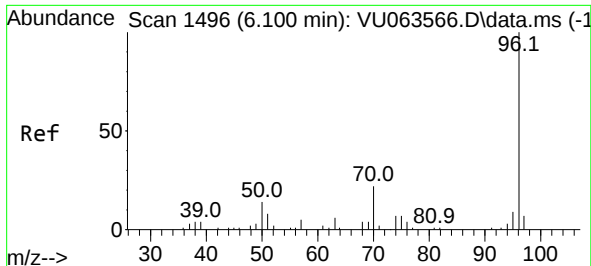
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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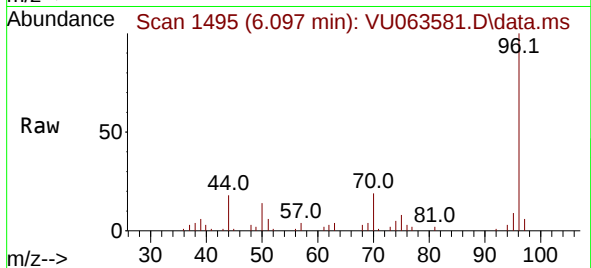
Quant Time: Sep 16 04:57:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U091225DW.M
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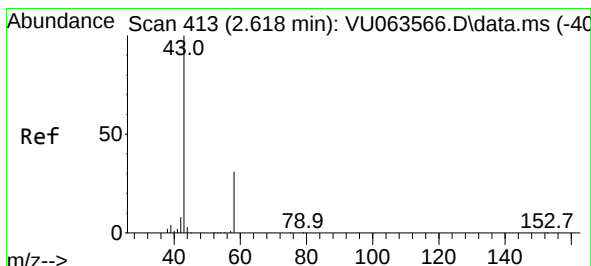
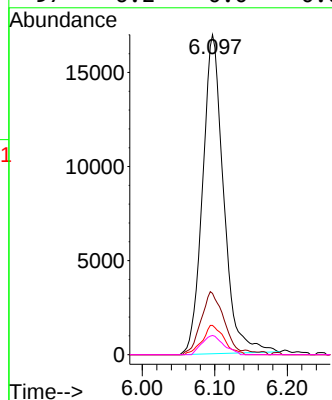
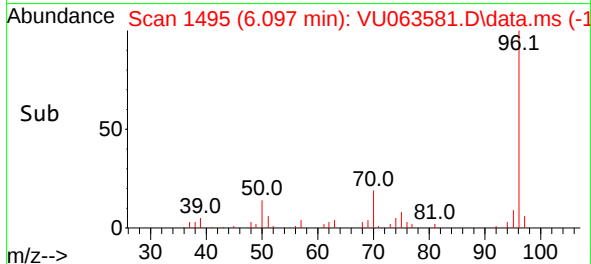


#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.097 min Scan# 1496
Delta R.T. -0.003 min
Lab File: VU063581.D
Acq: 15 Sep 2025 16:14

Instrument :
MSVOA_U
ClientSampleId :

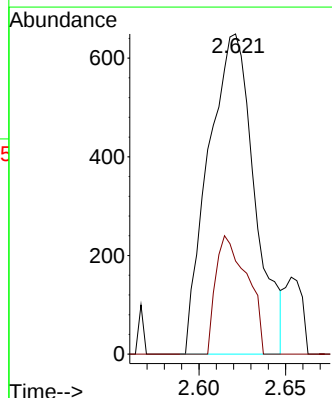
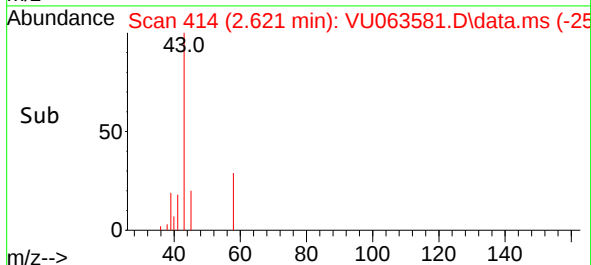
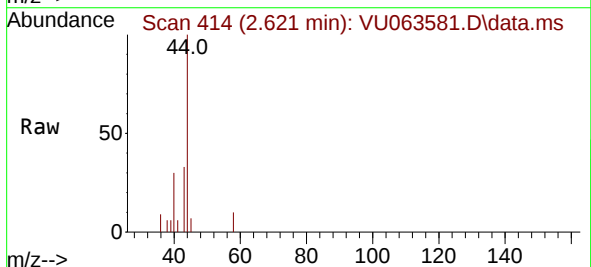


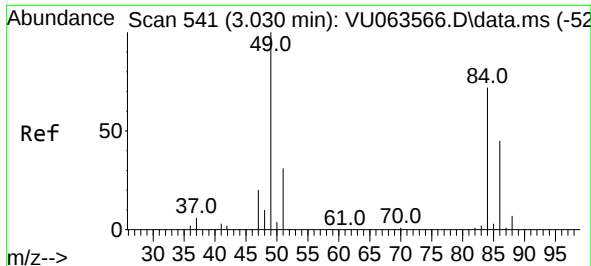
Tgt Ion: 96 Resp: 34075
Ion Ratio Lower Upper
96 100
70 19.8 15.5 23.3
95 9.5 7.7 11.5
97 6.2 0.0 0.0#



#13
Acetone
Concen: 0.317 ug/l
RT: 2.621 min Scan# 414
Delta R.T. 0.003 min
Lab File: VU063581.D
Acq: 15 Sep 2025 16:14

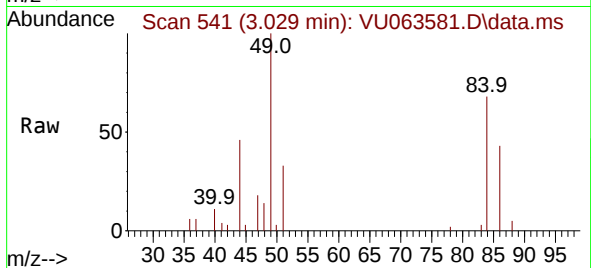
Tgt Ion: 43 Resp: 1205
Ion Ratio Lower Upper
43 100
58 29.1 24.7 37.1



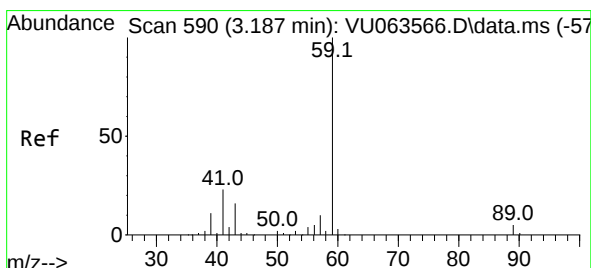
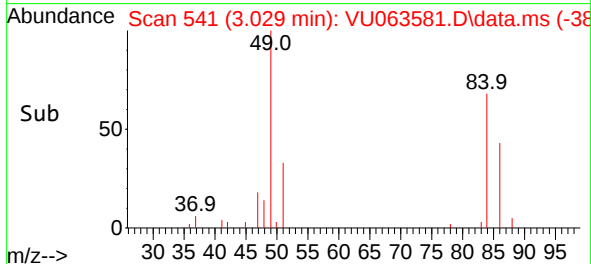
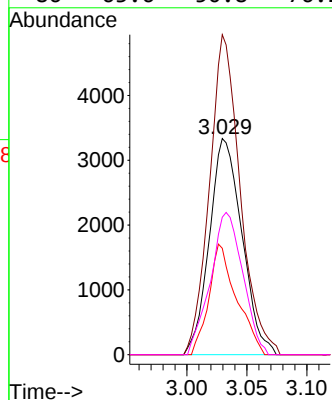


#15
Methylene Chloride
Concen: 0.536 ug/l
RT: 3.029 min Scan# 541
Delta R.T. -0.000 min
Lab File: VU063581.D
Acq: 15 Sep 2025 16:14

Instrument :
MSVOA_U
ClientSampleId :

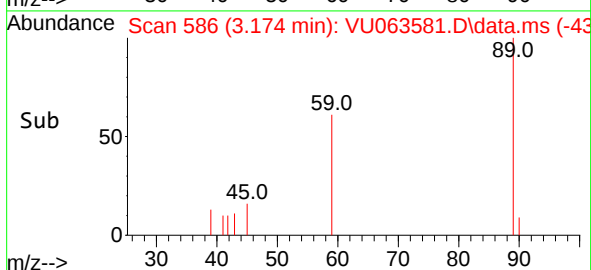
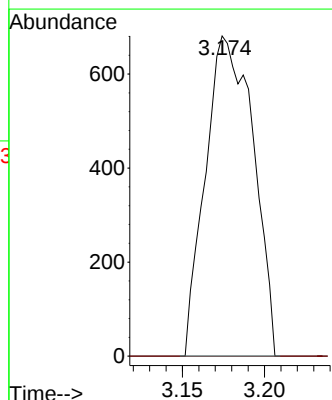
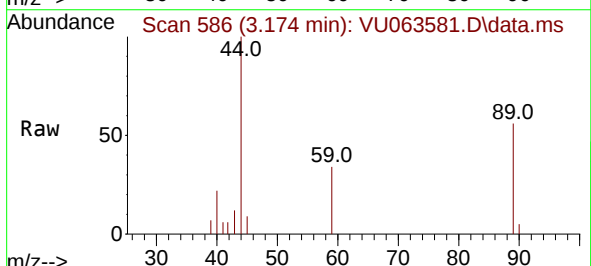


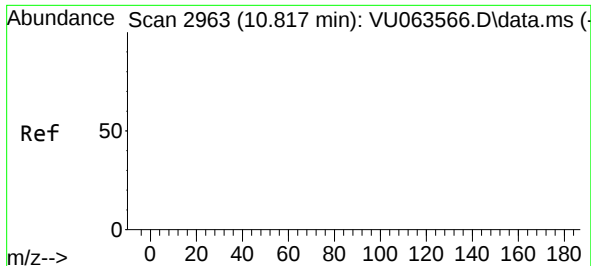
Tgt Ion: 84	Resp: 6293
Ion Ratio	Lower Upper
84 100	
49 148.0	111.8 167.6
51 49.2	0.0 86.0
86 63.6	50.8 76.2



#24
tert-Butyl Alcohol
Concen: 1.319 ug/l
RT: 3.174 min Scan# 586
Delta R.T. -0.013 min
Lab File: VU063581.D
Acq: 15 Sep 2025 16:14

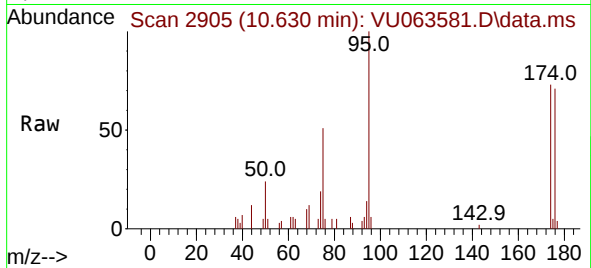
Tgt Ion: 59	Resp: 1376
Ion Ratio	Lower Upper
59 100	
57 0.0	8.6 12.8#



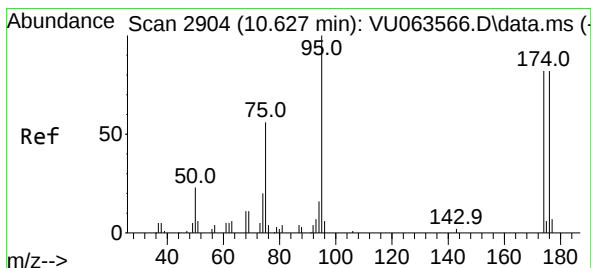
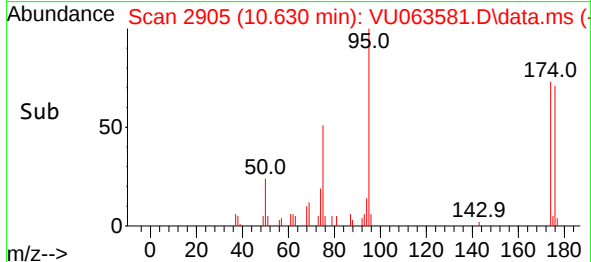
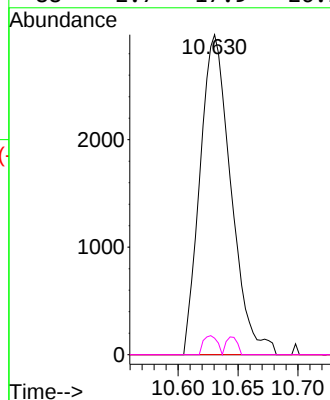


#46
t-1,4-Dichloro-2-butene
Concen: 2.012 ug/l
RT: 10.630 min Scan# 2905
Delta R.T. -0.187 min
Lab File: VU063581.D
Acq: 15 Sep 2025 16:14

Instrument :
MSVOA_U
ClientSampleId :

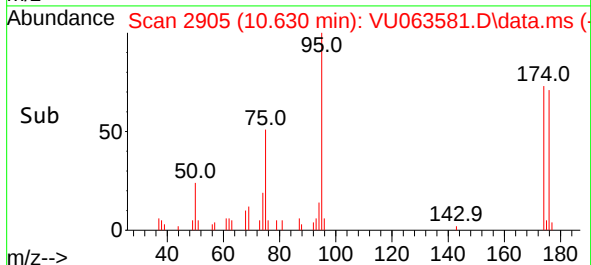
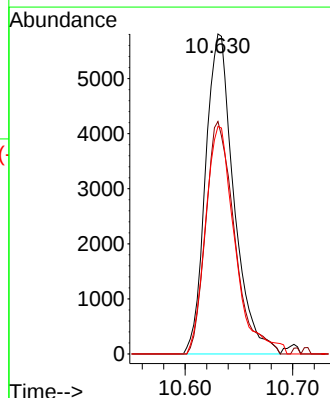
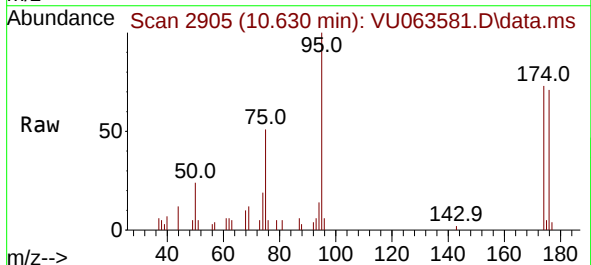


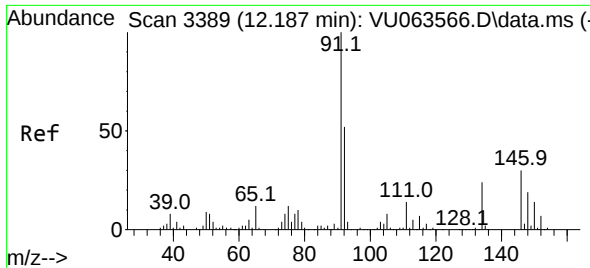
Tgt Ion:	75	Resp:	5340
Ion	Ratio	Lower	Upper
75	100		
53	0.0	43.2	64.8#
89	0.0	21.9	32.9#
88	2.7	17.9	26.9#



#57
4-Bromofluorobenzene
Concen: 0.837 ug/l
RT: 10.630 min Scan# 2905
Delta R.T. 0.003 min
Lab File: VU063581.D
Acq: 15 Sep 2025 16:14

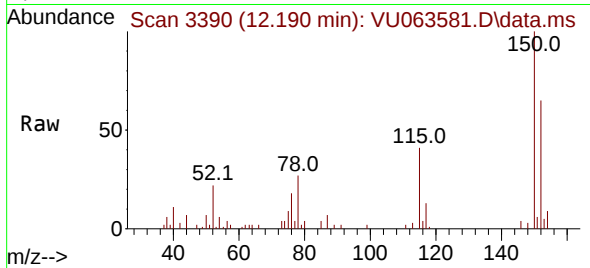
Tgt Ion:	95	Resp:	10627
Ion	Ratio	Lower	Upper
95	100		
174	74.2	64.7	97.1
176	73.9	66.2	99.4



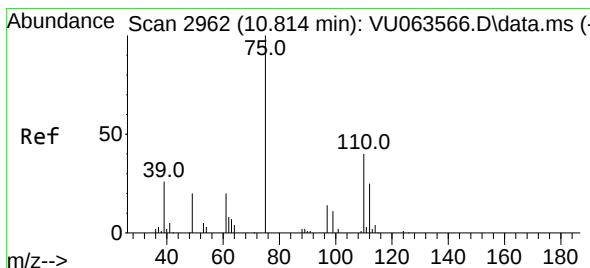
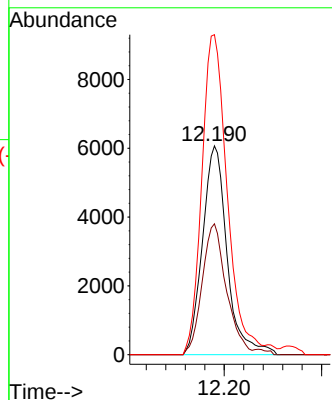
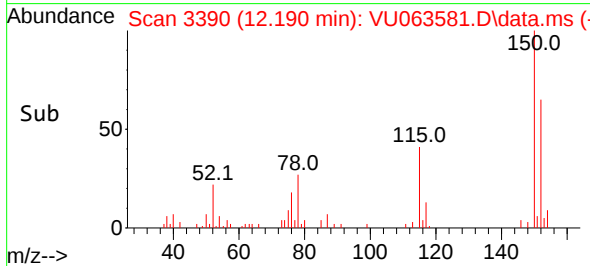


#68
 1,2-Dichlorobenzene-d4
 Concen: 0.822 ug/l
 RT: 12.190 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU063581.D
 Acq: 15 Sep 2025 16:14

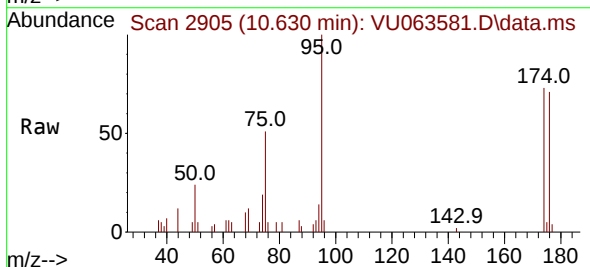
Instrument :
 MSVOA_U
 ClientSampleId :



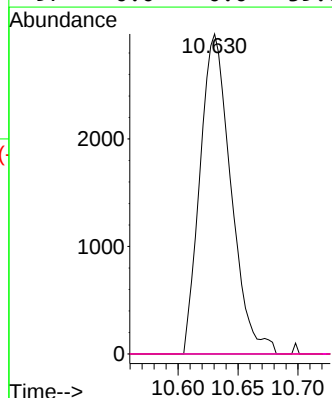
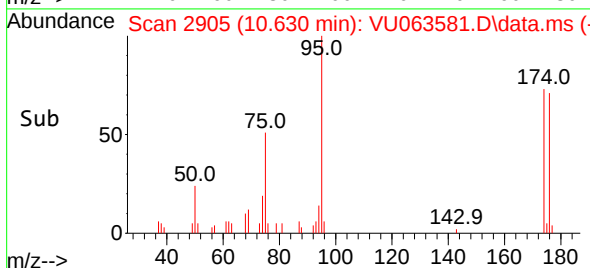
Tgt Ion:152 Resp: 10635
 Ion Ratio Lower Upper
 152 100
 115 61.7 0.0 260.6
 150 158.3 0.0 661.8

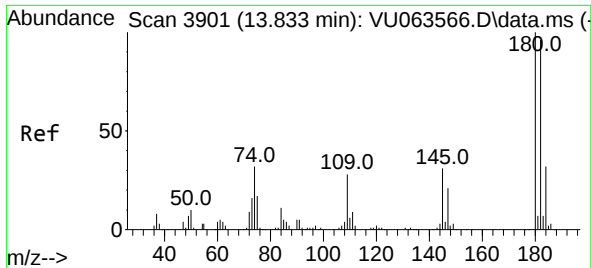


#71
 1,2,3-Trichloropropane
 Concen: 0.706 ug/l
 RT: 10.630 min Scan# 2905
 Delta R.T. -0.183 min
 Lab File: VU063581.D
 Acq: 15 Sep 2025 16:14



Tgt Ion: 75 Resp: 5340
 Ion Ratio Lower Upper
 75 100
 77 0.8 0.0 0.0#
 110 0.0 0.0 77.6
 97 0.0 0.0 39.6





#87

1,2,4-Trichlorobenzene

Concen: 1.311 ug/l

RT: 13.836 min Scan# 3901

Delta R.T. 0.003 min

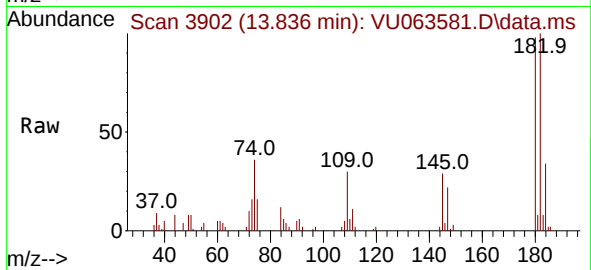
Lab File: VU063581.D

Acq: 15 Sep 2025 16:14

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 17776

Ion Ratio Lower Upper

180 100

182 97.7 77.1 115.7

145 29.7 25.0 37.4

