

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091525\
 Data File : VU063572.D
 Acq On : 15 Sep 2025 10:34
 Operator : MD/SY
 Sample : VU0915WBL01
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 16 04:55:05 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)

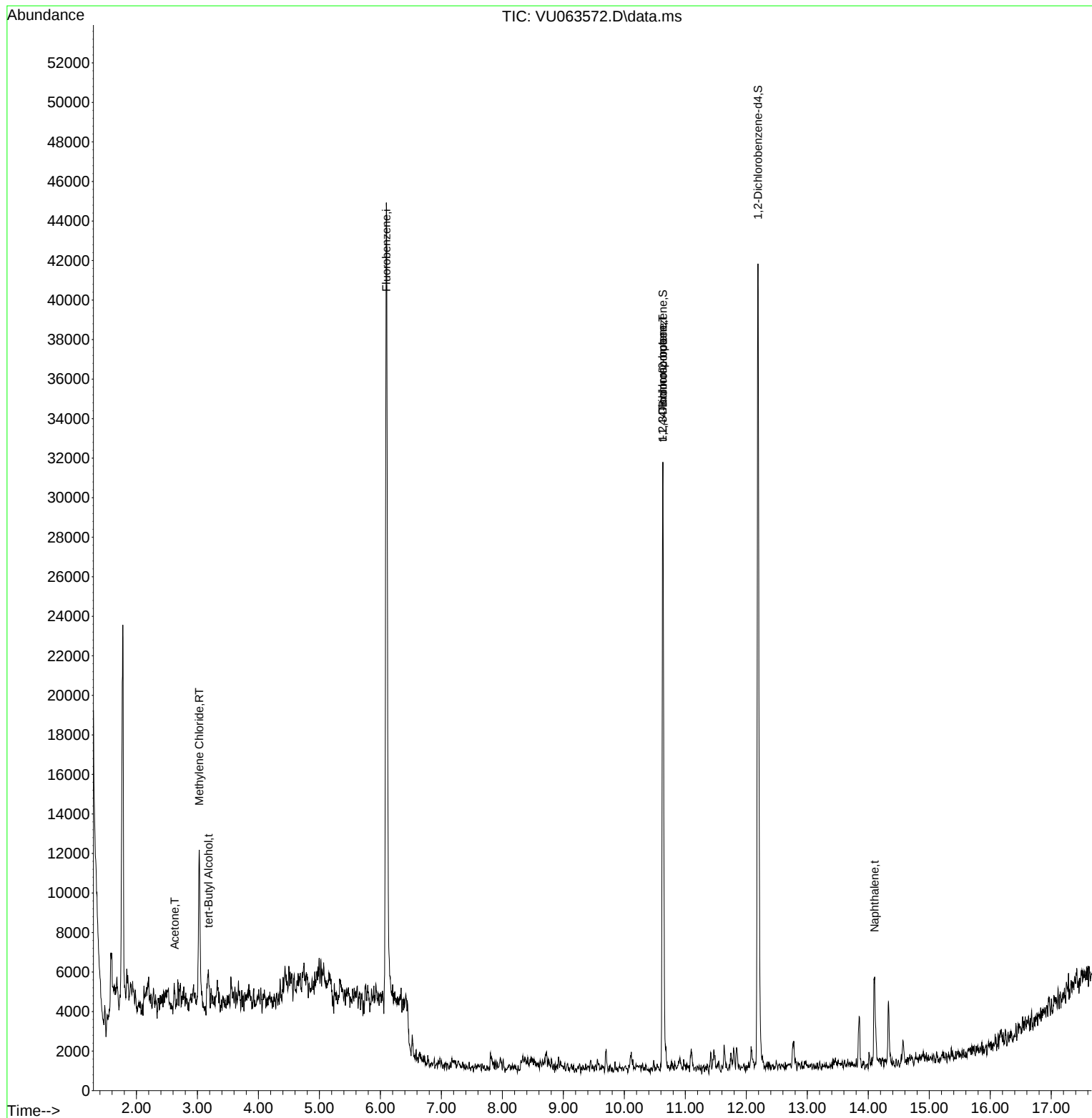
Internal Standards						
1) Fluorobenzene	6.097	96	35789	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	11753	0.881	ug/l	0.00
Spiked Amount 1.000			Recovery	=	88.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	11779	0.867	ug/l	0.00
Spiked Amount 1.000			Recovery	=	87.000%	
Target Compounds						
						Qvalue
13) Acetone	2.624	43	1514	0.379	ug/l #	79
15) Methylene Chloride	3.030	84	3116	0.253	ug/l	97
24) tert-Butyl Alcohol	3.181	59	1204	1.099	ug/l #	72
46) t-1,4-Dichloro-2-butene	10.627	75	6107	2.191	ug/l #	40
71) 1,2,3-Trichloropropane	10.627	75	6107	0.768	ug/l #	43
89) Naphthalene	14.103	128	5651	0.225	ug/l #	96

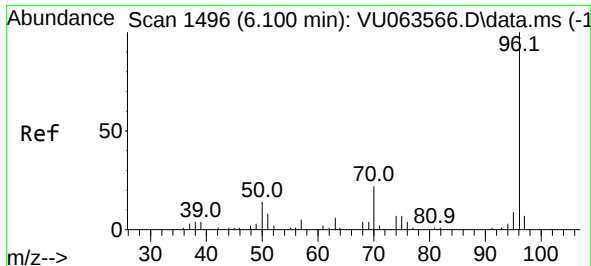
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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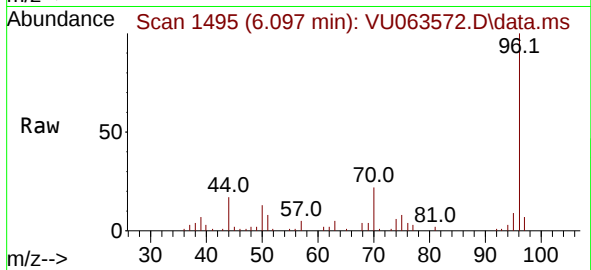
Quant Time: Sep 16 04:55:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U091225DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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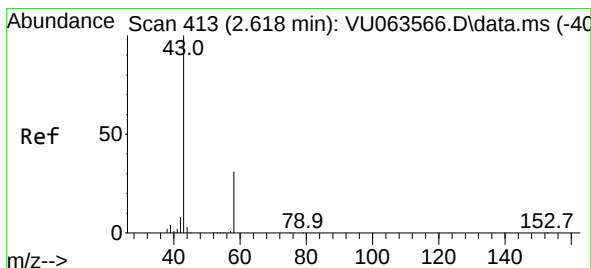
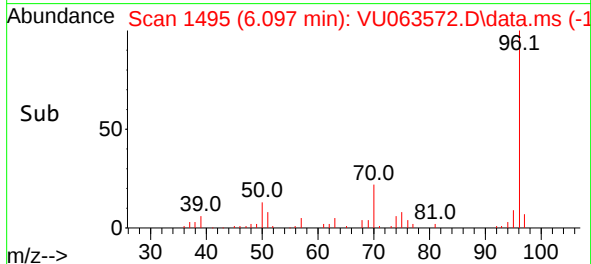
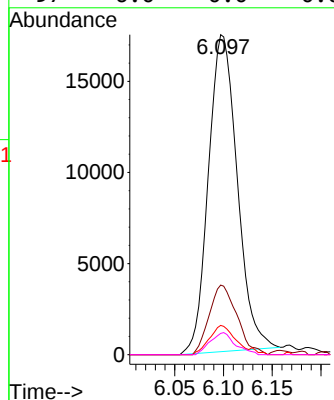


#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.097 min Scan# 1496
Delta R.T. -0.003 min
Lab File: VU063572.D
Acq: 15 Sep 2025 10:34

Instrument :
MSVOA_U
ClientSampleId :

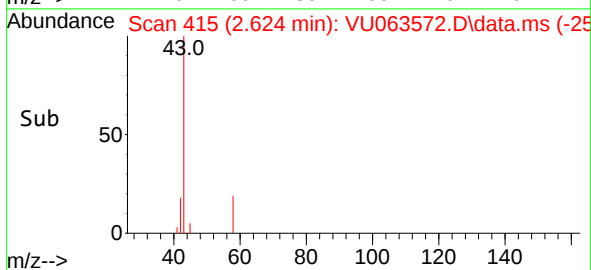
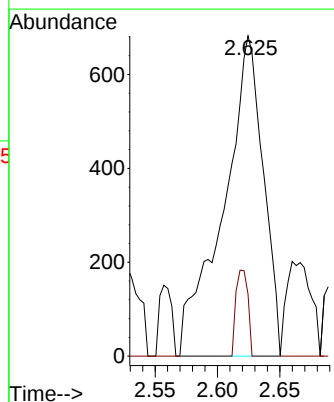
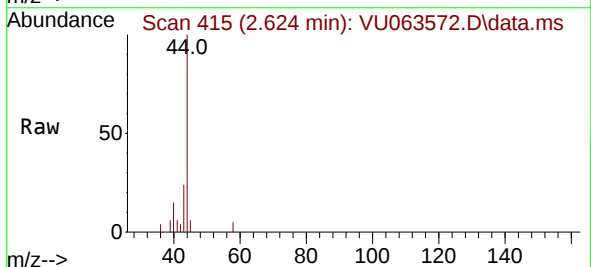


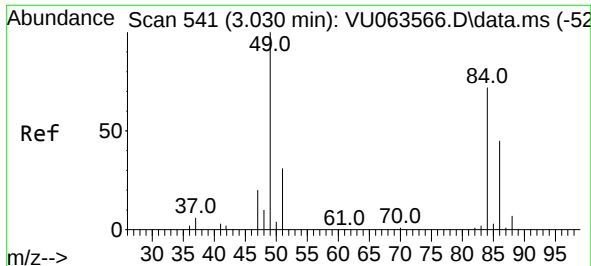
Tgt Ion: 96 Resp: 35789
Ion Ratio Lower Upper
96 100
70 21.1 15.5 23.3
95 8.7 7.7 11.5
97 6.0 0.0 0.0#



#13
Acetone
Concen: 0.379 ug/l
RT: 2.624 min Scan# 415
Delta R.T. 0.006 min
Lab File: VU063572.D
Acq: 15 Sep 2025 10:34

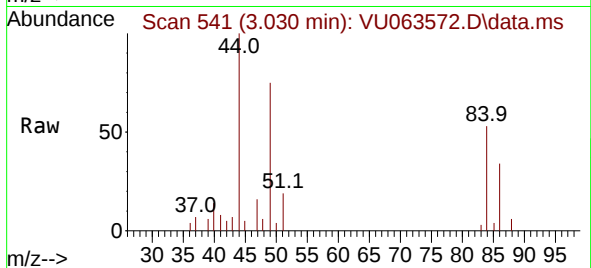
Tgt Ion: 43 Resp: 1514
Ion Ratio Lower Upper
43 100
58 19.4 24.7 37.1#



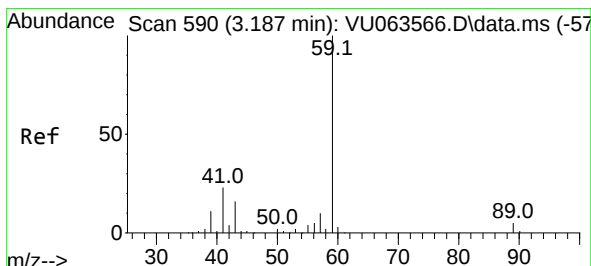
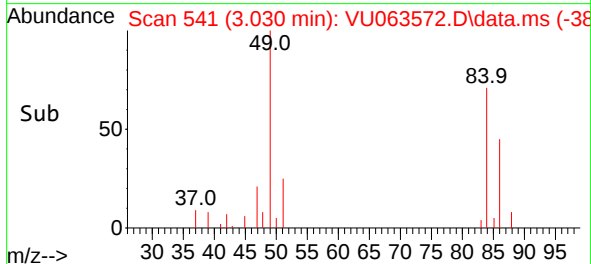
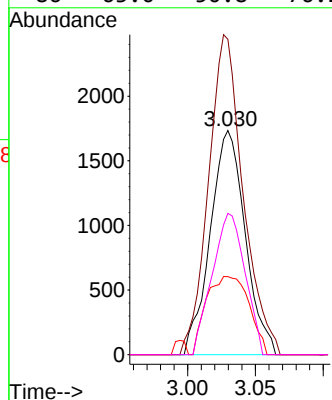


#15
Methylene Chloride
Concen: 0.253 ug/l
RT: 3.030 min Scan# 541
Delta R.T. 0.000 min
Lab File: VU063572.D
Acq: 15 Sep 2025 10:34

Instrument :
MSVOA_U
ClientSampleId :

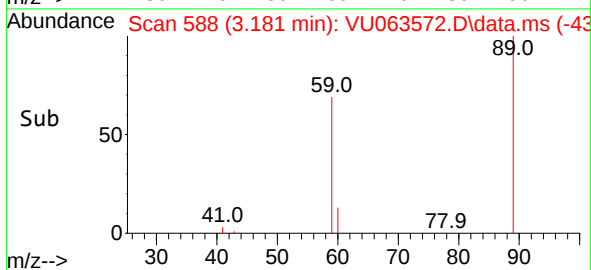
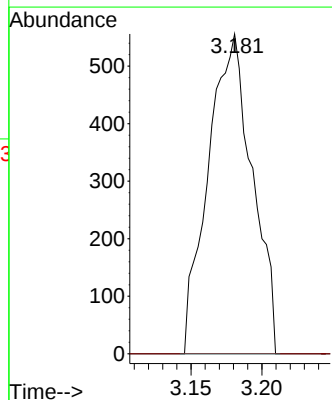
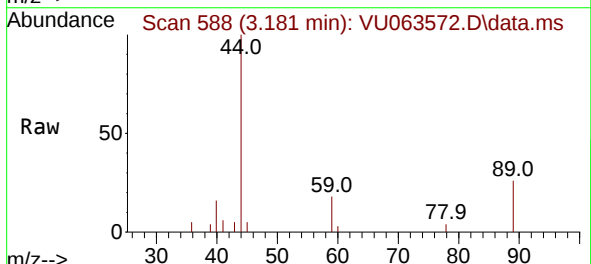


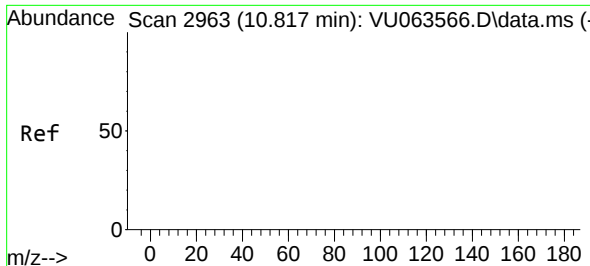
Tgt Ion:	84	Resp:	3116
Ion	Ratio	Lower	Upper
84	100		
49	140.6	111.8	167.6
51	34.9	0.0	86.0
86	63.0	50.8	76.2



#24
tert-Butyl Alcohol
Concen: 1.099 ug/l
RT: 3.181 min Scan# 588
Delta R.T. -0.006 min
Lab File: VU063572.D
Acq: 15 Sep 2025 10:34

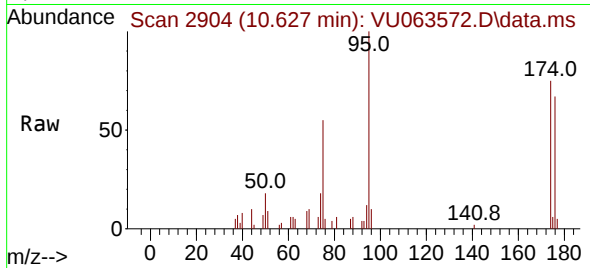
Tgt Ion:	59	Resp:	1204
Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.6	12.8#





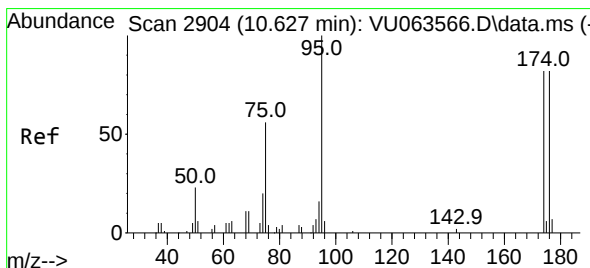
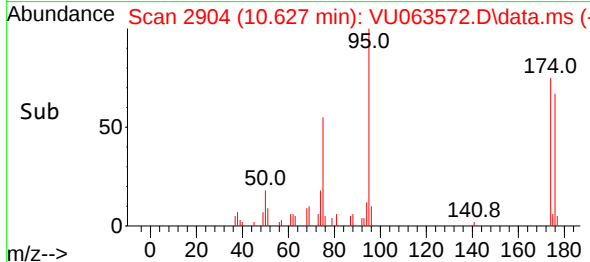
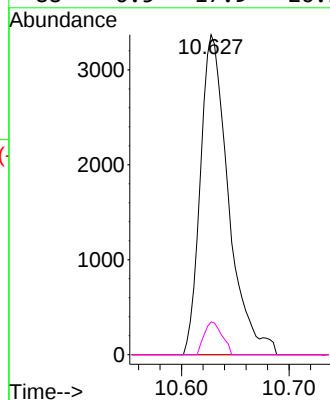
#46
t-1,4-Dichloro-2-butene
Concen: 2.191 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. -0.190 min
Lab File: VU063572.D
Acq: 15 Sep 2025 10:34

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 6107

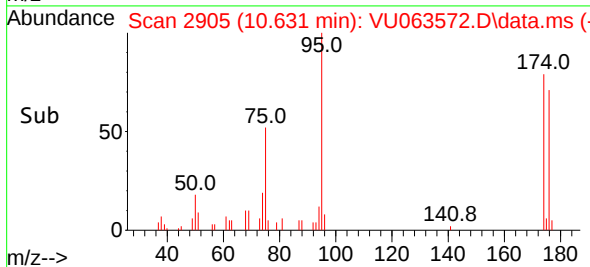
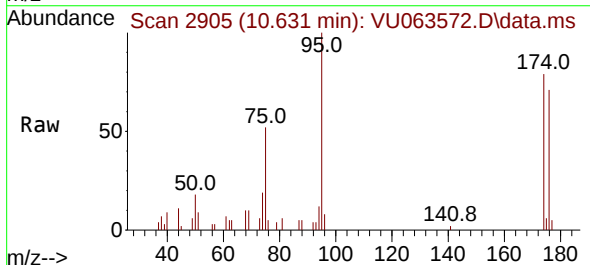
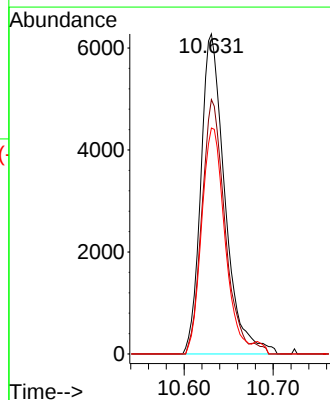
Ion	Ratio	Lower	Upper
75	100		
53	0.0	43.2	64.8#
89	0.0	21.9	32.9#
88	6.5	17.9	26.9#

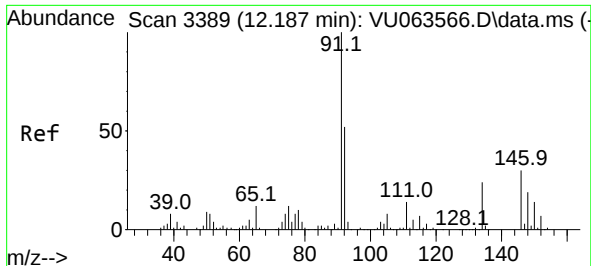


#57
4-Bromofluorobenzene
Concen: 0.881 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. 0.003 min
Lab File: VU063572.D
Acq: 15 Sep 2025 10:34

Tgt Ion: 95 Resp: 11753

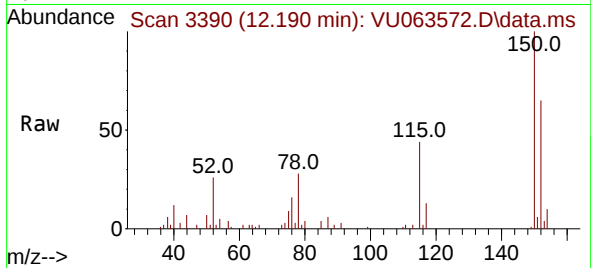
Ion	Ratio	Lower	Upper
95	100		
174	77.3	64.7	97.1
176	68.6	66.2	99.4



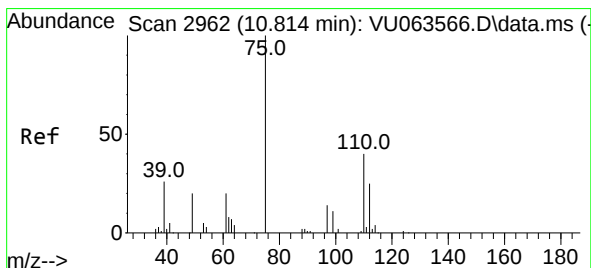
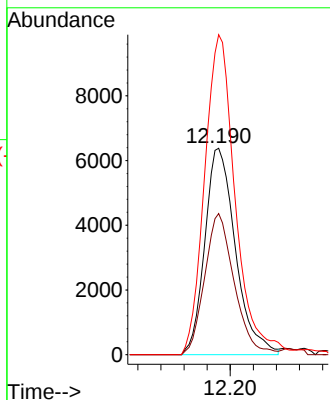
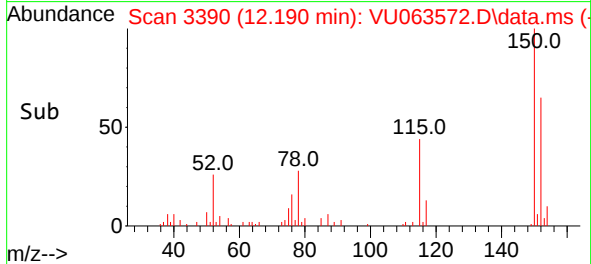


#68
 1,2-Dichlorobenzene-d4
 Concen: 0.867 ug/l
 RT: 12.190 min Scan# 311
 Delta R.T. 0.003 min
 Lab File: VU063572.D
 Acq: 15 Sep 2025 10:34

Instrument :
 MSVOA_U
 ClientSampleId :

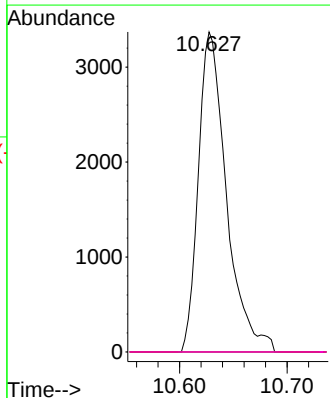
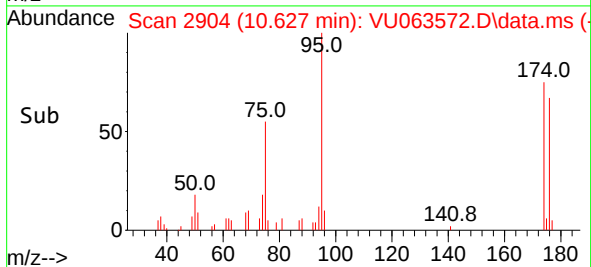
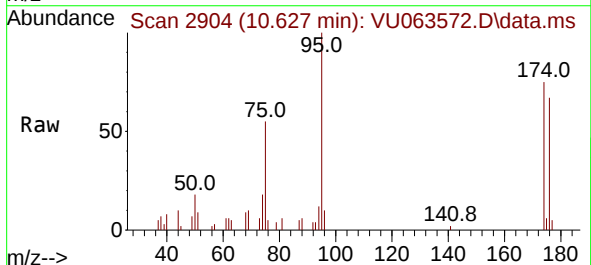


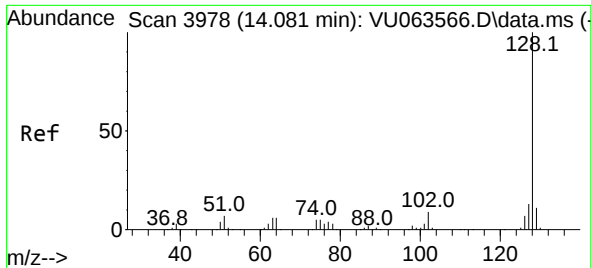
Tgt Ion:152 Resp: 11779
 Ion Ratio Lower Upper
 152 100
 115 65.7 0.0 260.6
 150 154.5 0.0 661.8



#71
 1,2,3-Trichloropropane
 Concen: 0.768 ug/l
 RT: 10.627 min Scan# 2904
 Delta R.T. -0.186 min
 Lab File: VU063572.D
 Acq: 15 Sep 2025 10:34

Tgt Ion: 75 Resp: 6107
 Ion Ratio Lower Upper
 75 100
 77 2.0 0.0 0.0#
 110 0.0 0.0 77.6
 97 0.0 0.0 39.6





#89

Naphthalene

Concen: 0.225 ug/l

RT: 14.103 min Scan# 39

Delta R.T. 0.023 min

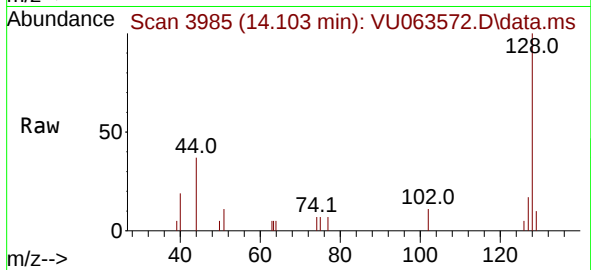
Lab File: VU063572.D

Acq: 15 Sep 2025 10:34

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:128 Resp: 5651

Ion	Ratio	Lower	Upper
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128	100		
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127	13.9	10.2	15.4
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129	8.5	8.6	13.0#
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