

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091225\
 Data File : VU063568.D
 Acq On : 12 Sep 2025 13:07
 Operator : MD/SY
 Sample : VIBLK
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK

Quant Time: Sep 13 03:02:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U091225DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Sat Sep 13 03:01:11 2025
 Response via : Initial Calibration

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

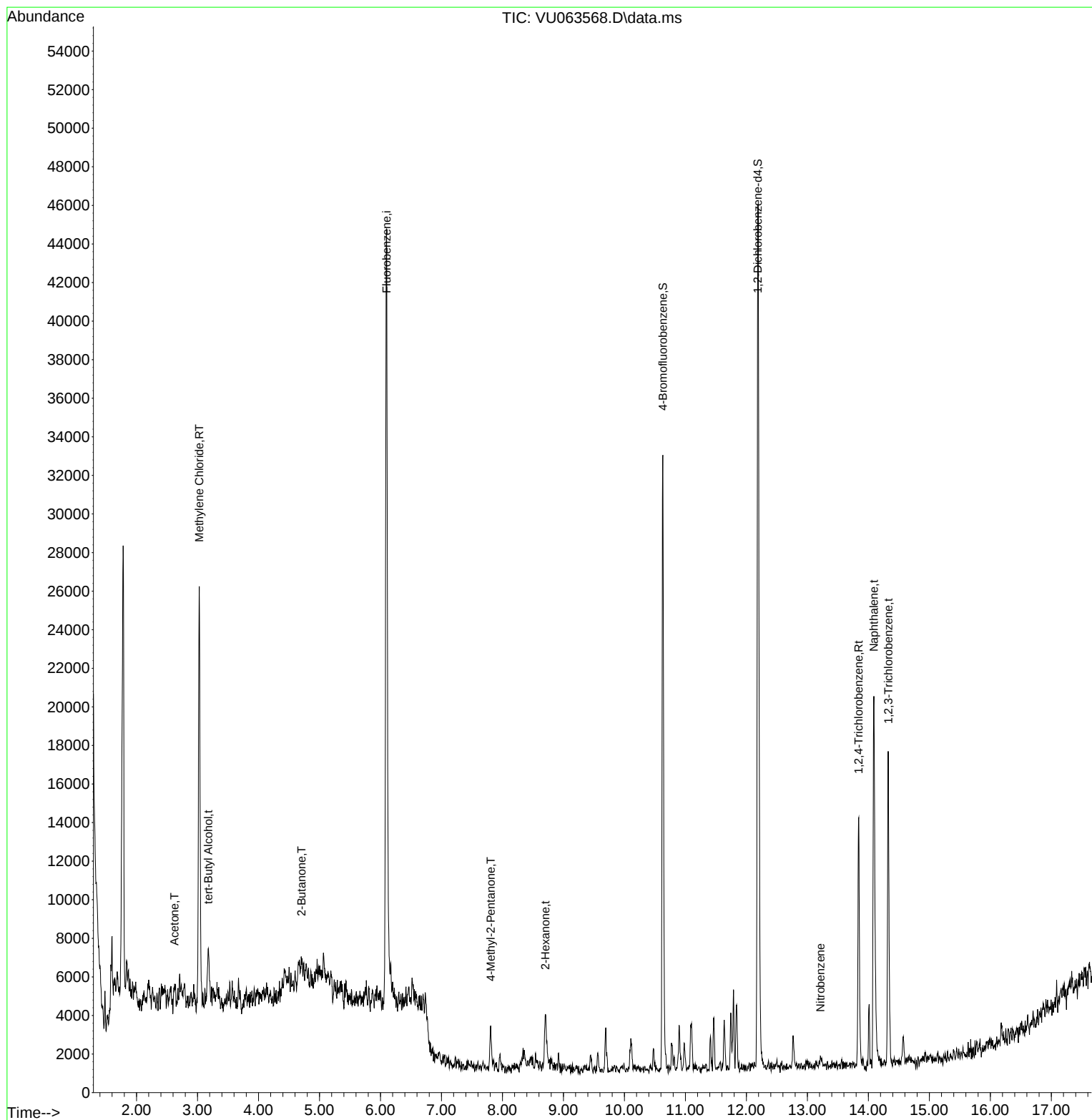
Internal Standards						
1) Fluorobenzene	6.100	96	34632	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	11468	0.889	ug/l	0.00
Spiked Amount 1.000			Recovery	=	89.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	11461	0.871	ug/l	0.00
Spiked Amount 1.000			Recovery	=	87.000%	
Target Compounds						
						Qvalue
13) Acetone	2.621	43	996	0.258	ug/l	94
15) Methylene Chloride	3.029	84	8626	0.723	ug/l	90
18) 2-Butanone	4.708	43	1098	0.249	ug/l	78
24) tert-Butyl Alcohol	3.177	59	2003	1.889	ug/l #	77
45) 4-Methyl-2-Pentanone	7.807	43	2067	0.287	ug/l #	70
54) 2-Hexanone	8.704	43	2896	0.550	ug/l	92
80) Nitrobenzene	13.216	77	403	5.202	ug/l #	49
87) 1,2,4-Trichlorobenzene	13.839	180	4546	0.330	ug/l	97
89) Naphthalene	14.090	128	20234	0.831	ug/l	98
90) 1,2,3-Trichlorobenzene	14.328	180	5707	0.436	ug/l	94

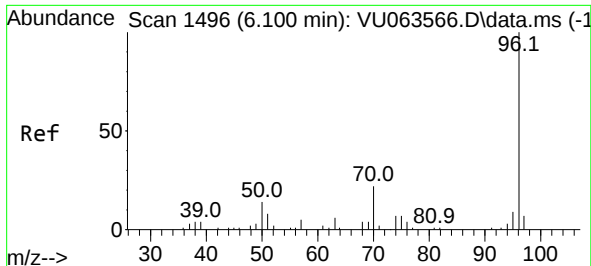
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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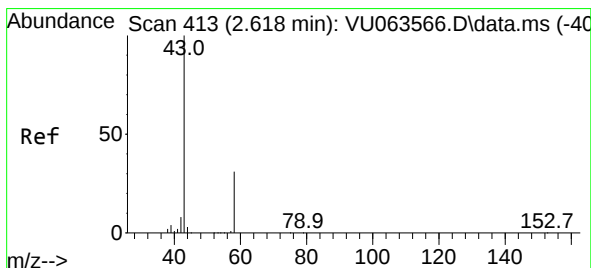
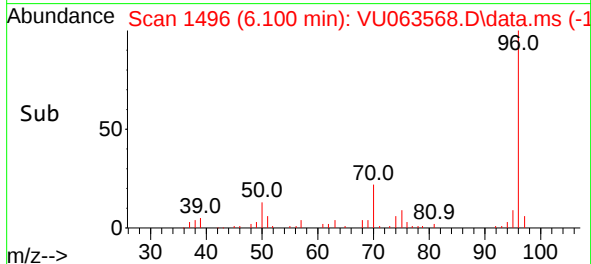
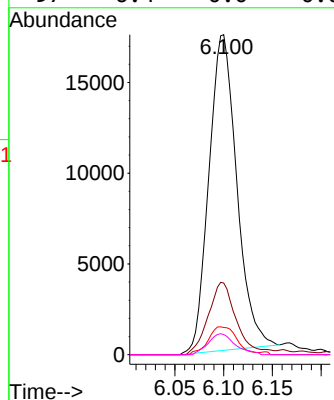
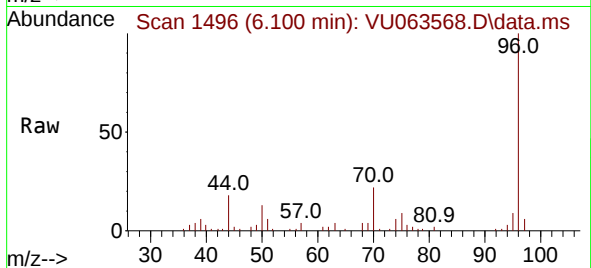




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.100 min Scan# 1496
Delta R.T. 0.000 min
Lab File: VU063568.D
Acq: 12 Sep 2025 13:07

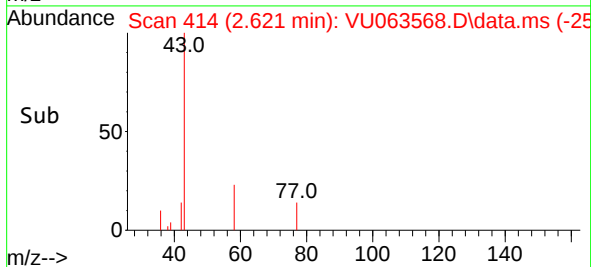
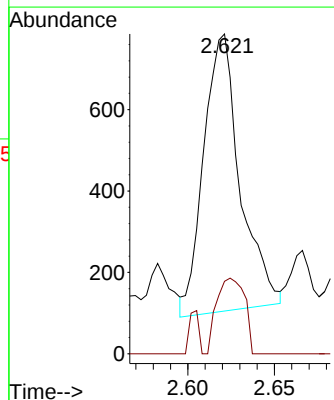
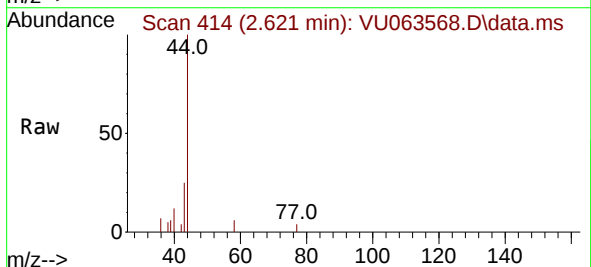
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

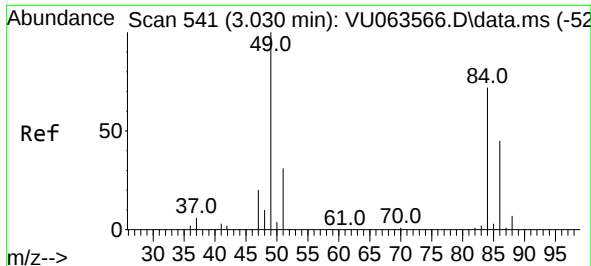
Tgt Ion: 96	Resp: 34632
Ion Ratio	Lower Upper
96 100	
70 21.4	15.5 23.3
95 8.3	7.7 11.5
97 6.4	0.0 0.0#



#13
Acetone
Concen: 0.258 ug/l
RT: 2.621 min Scan# 414
Delta R.T. 0.003 min
Lab File: VU063568.D
Acq: 12 Sep 2025 13:07

Tgt Ion: 43	Resp: 996		
Ion Ratio	Lower	Upper	
43 100			
58 27.5	24.7	37.1	

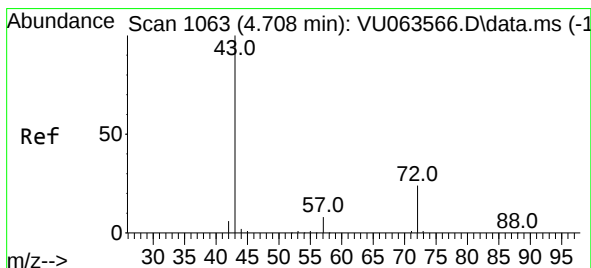
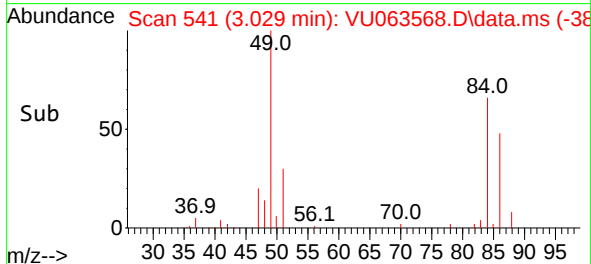
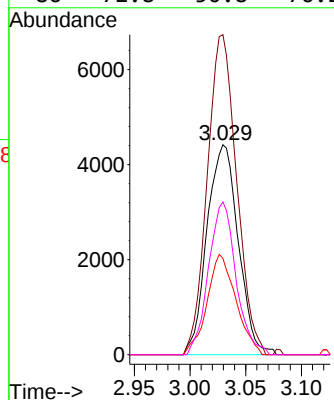
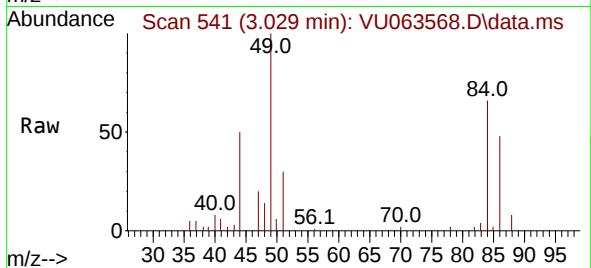




#15
Methylene Chloride
Concen: 0.723 ug/l
RT: 3.029 min Scan# 541
Delta R.T. -0.000 min
Lab File: VU063568.D
Acq: 12 Sep 2025 13:07

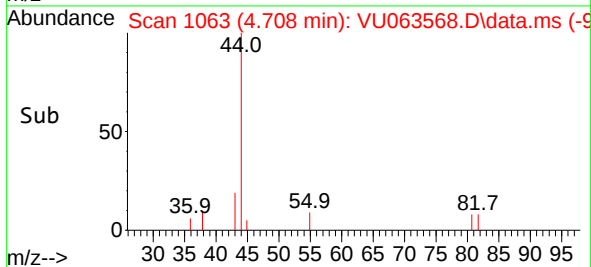
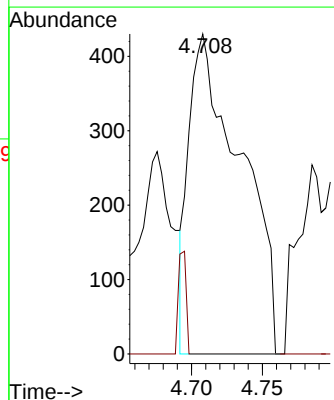
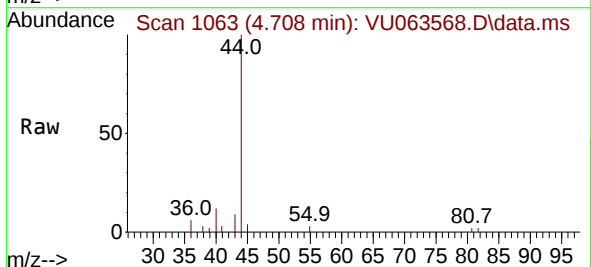
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

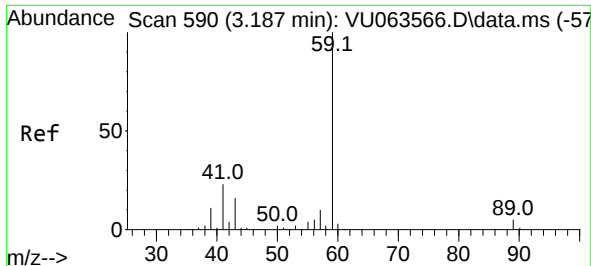
Tgt Ion:	84	Resp:	8626
Ion	Ratio	Lower	Upper
84	100		
49	152.4	111.8	167.6
51	45.9	0.0	86.0
86	72.8	50.8	76.2



#18
2-Butanone
Concen: 0.249 ug/l
RT: 4.708 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VU063568.D
Acq: 12 Sep 2025 13:07

Tgt Ion:	43	Resp:	1098
Ion	Ratio	Lower	Upper
43	100		
57	0.0	0.0	15.8

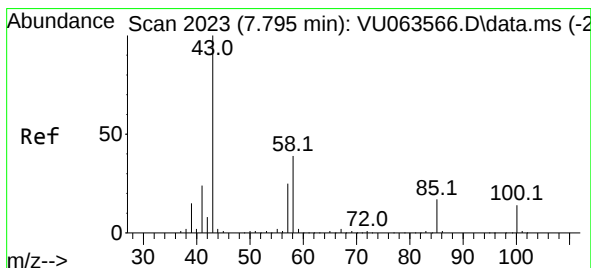
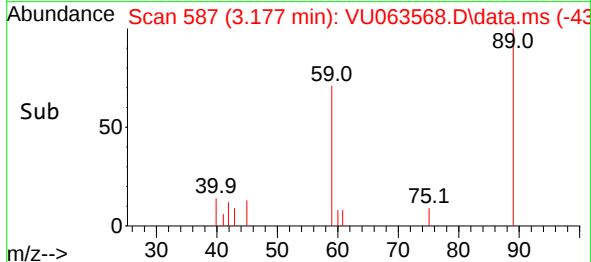
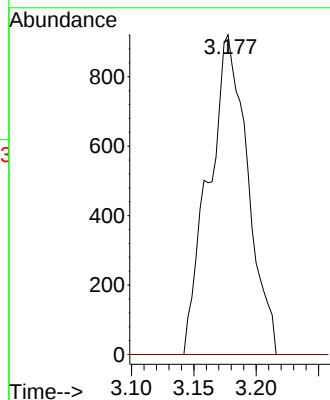
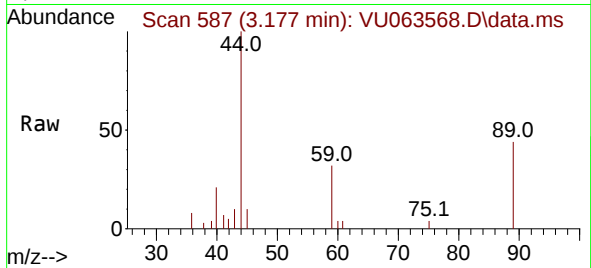




#24
tert-Butyl Alcohol
Concen: 1.889 ug/l
RT: 3.177 min Scan# 51
Delta R.T. -0.010 min
Lab File: VU063568.D
Acq: 12 Sep 2025 13:07

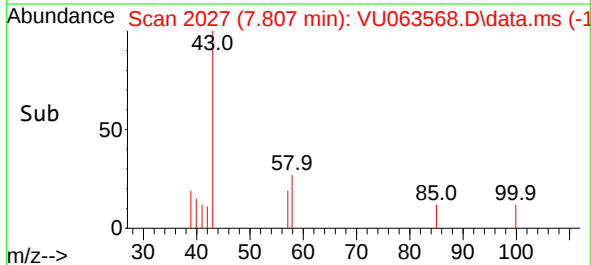
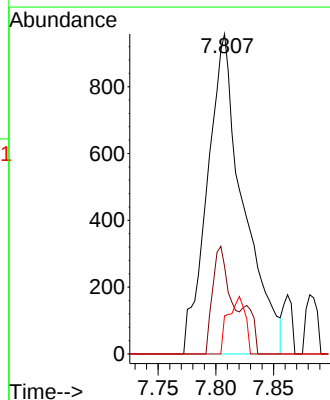
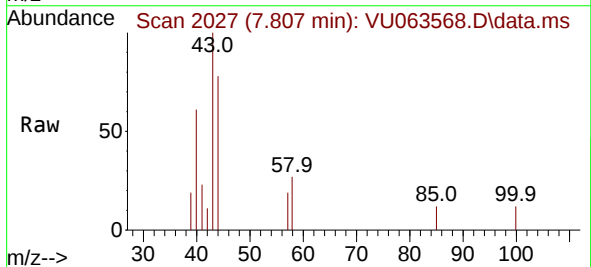
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

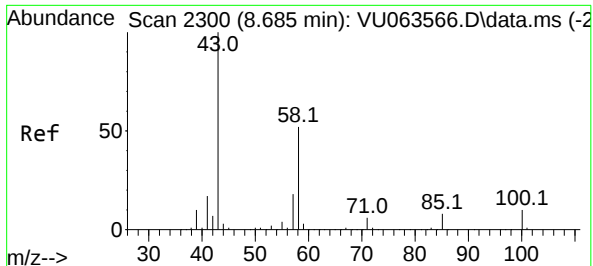
Tgt Ion: 59 Resp: 2003
Ion Ratio Lower Upper
59 100
57 2.2 8.6 12.8#



#45
4-Methyl-2-Pentanone
Concen: 0.287 ug/l
RT: 7.807 min Scan# 2027
Delta R.T. 0.013 min
Lab File: VU063568.D
Acq: 12 Sep 2025 13:07

Tgt Ion: 43 Resp: 2067
Ion Ratio Lower Upper
43 100
58 16.9 18.9 56.9#
85 8.6 13.3 19.9#

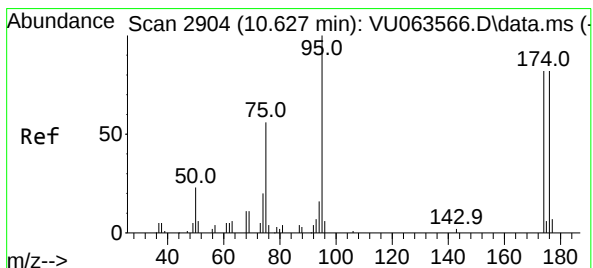
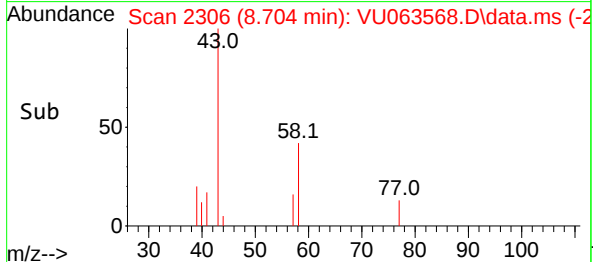
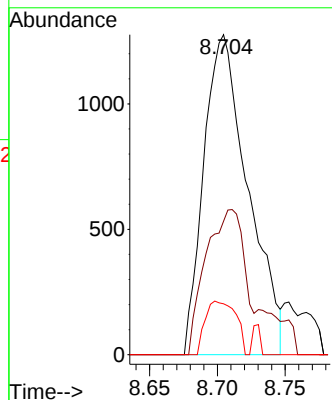
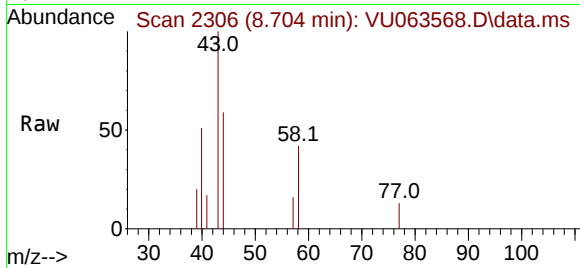




#54
2-Hexanone
Concen: 0.550 ug/l
RT: 8.704 min Scan# 2105
Delta R.T. 0.019 min
Lab File: VU063568.D
Acq: 12 Sep 2025 13:07

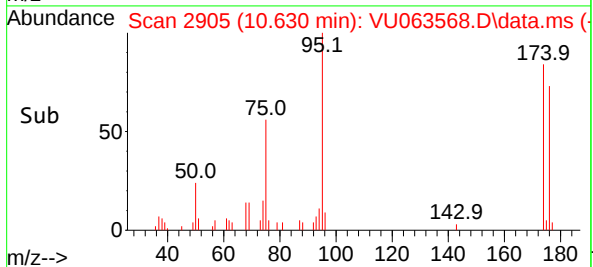
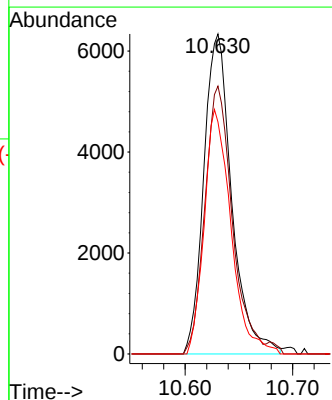
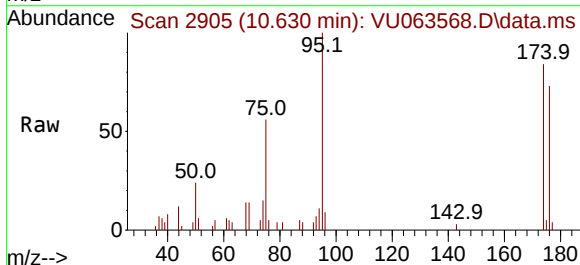
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

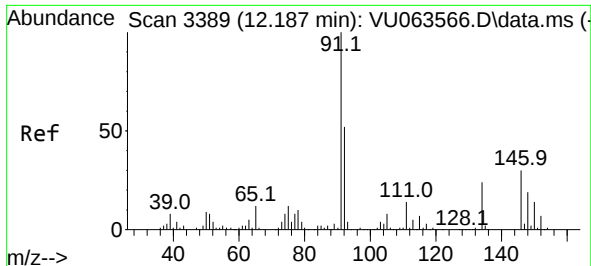
Tgt Ion:	43	Resp:	2896
Ion	Ratio	Lower	Upper
43	100		
58	49.0	32.7	72.7
57	11.6	0.0	38.2



#57
4-Bromofluorobenzene
Concen: 0.889 ug/l
RT: 10.630 min Scan# 2905
Delta R.T. 0.003 min
Lab File: VU063568.D
Acq: 12 Sep 2025 13:07

Tgt Ion:	95	Resp:	11468
Ion	Ratio	Lower	Upper
95	100		
174	82.1	64.7	97.1
176	73.2	66.2	99.4

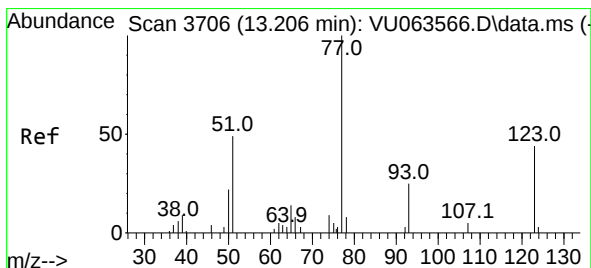
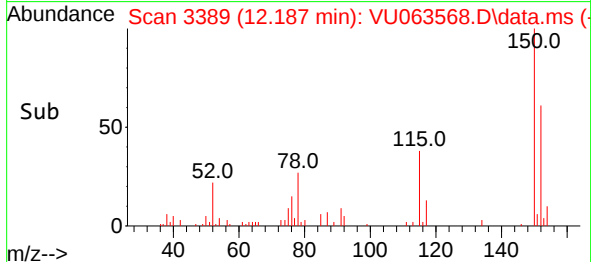
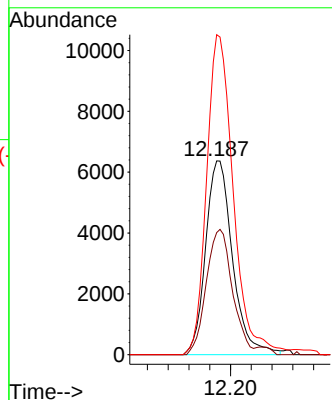
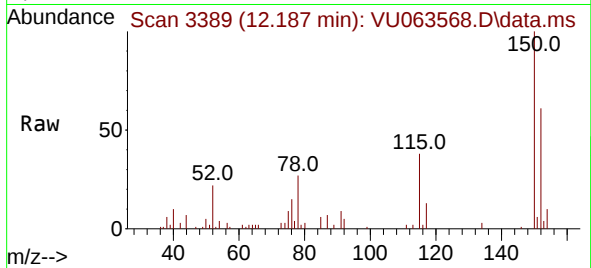




#68
 1,2-Dichlorobenzene-d4
 Concen: 0.871 ug/l
 RT: 12.187 min Scan# 311
 Delta R.T. -0.000 min
 Lab File: VU063568.D
 Acq: 12 Sep 2025 13:07

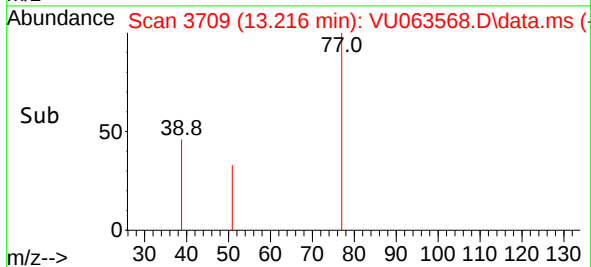
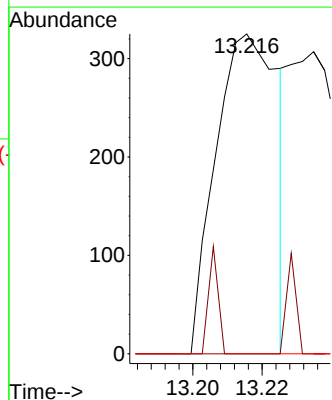
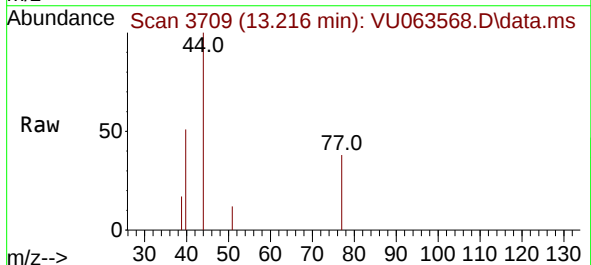
Instrument :
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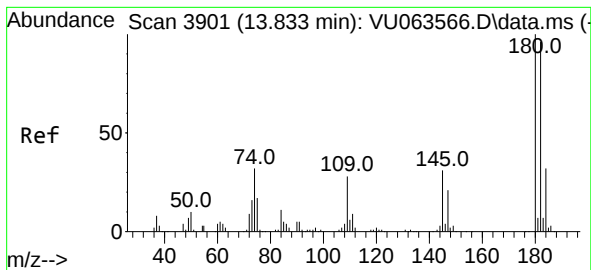
Tgt Ion:	152	Resp:	11461
Ion	Ratio	Lower	Upper
152	100		
115	62.7	0.0	260.6
150	163.5	0.0	661.8



#80
 Nitrobenzene
 Concen: 5.202 ug/l
 RT: 13.216 min Scan# 3709
 Delta R.T. 0.010 min
 Lab File: VU063568.D
 Acq: 12 Sep 2025 13:07

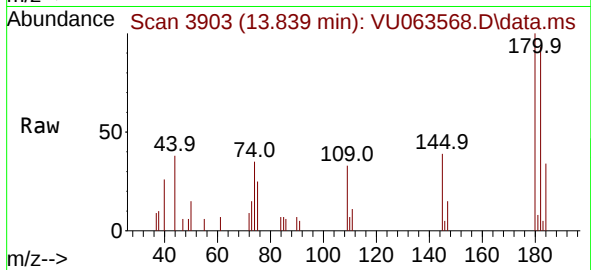
Tgt Ion:	77	Resp:	403
Ion	Ratio	Lower	Upper
77	100		
123	5.2	18.0	63.6#
65	0.0	12.8	16.4#



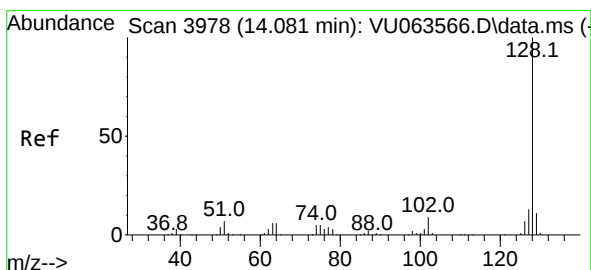
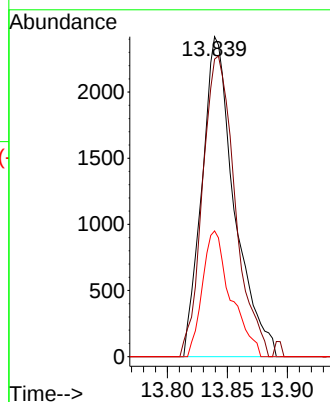
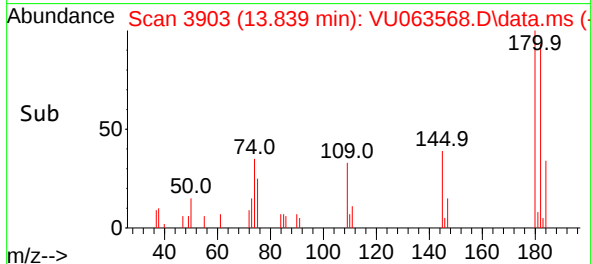


#87
1,2,4-Trichlorobenzene
Concen: 0.330 ug/l
RT: 13.839 min Scan# 3901
Delta R.T. 0.006 min
Lab File: VU063568.D
Acq: 12 Sep 2025 13:07

Instrument :
MSVOA_U
ClientSampleId :
VIBLK

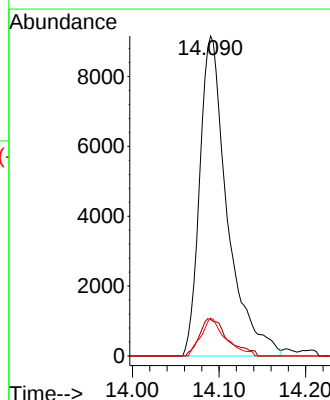
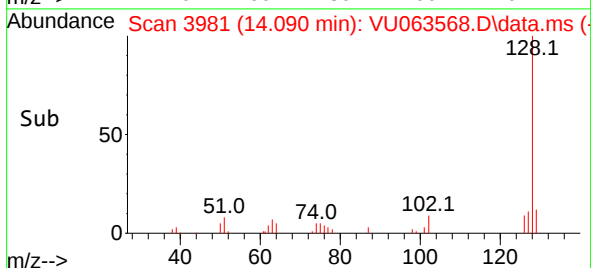
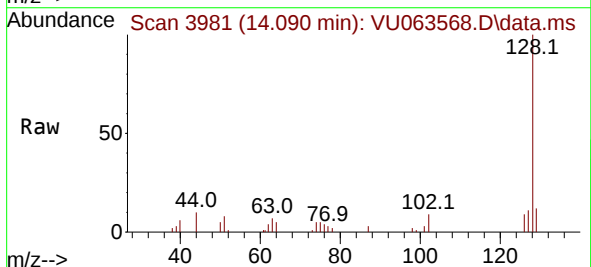


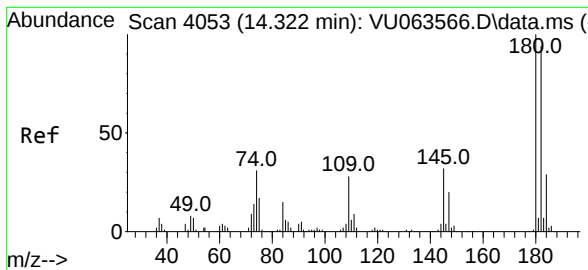
Tgt Ion:180 Resp: 4546
Ion Ratio Lower Upper
180 100
182 94.1 77.1 115.7
145 34.6 25.0 37.4



#89
Naphthalene
Concen: 0.831 ug/l
RT: 14.090 min Scan# 3981
Delta R.T. 0.010 min
Lab File: VU063568.D
Acq: 12 Sep 2025 13:07

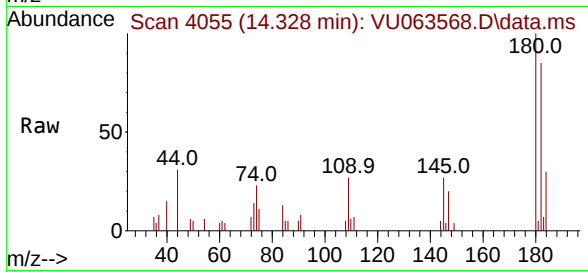
Tgt Ion:128 Resp: 20234
Ion Ratio Lower Upper
128 100
127 11.9 10.2 15.4
129 10.5 8.6 13.0





#90
 1,2,3-Trichlorobenzene
 Concen: 0.436 ug/l
 RT: 14.328 min Scan# 4053
 Delta R.T. 0.006 min
 Lab File: VU063568.D
 Acq: 12 Sep 2025 13:07

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK



Tgt Ion:	180	Resp:	5707
Ion	Ratio	Lower	Upper
180	100		
182	90.8	76.8	115.2
145	29.6	26.6	40.0

