

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021125\
 Data File : VU063241.D
 Acq On : 11 Feb 2025 17:26
 Operator : MD/SY
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 12 03:21:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021025DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 11 08:42:19 2025
 Response via : Initial Calibration

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

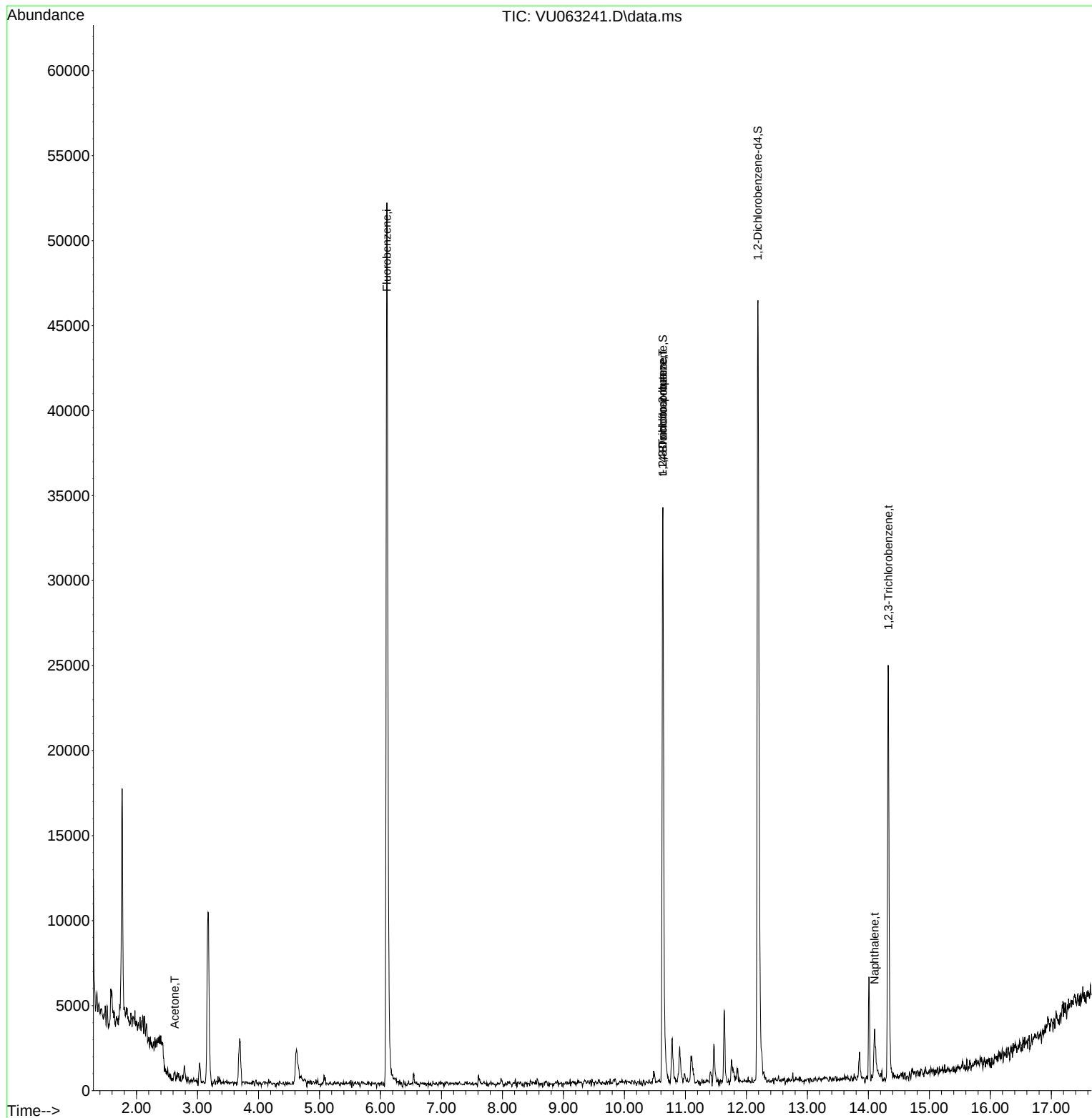
Internal Standards						
1) Fluorobenzene	6.107	96	49048	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	14006	0.866	ug/l	0.00
Spiked Amount 1.000			Recovery	=	87.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	13783	0.819	ug/l	0.00
Spiked Amount 1.000			Recovery	=	82.000%	
Target Compounds						Qvalue
13) Acetone	2.624	43	494	0.224	ug/l	# 40
24) tert-Butyl Alcohol	3.174	59	6595	Below Cal	#	74
46) t-1,4-Dichloro-2-butene	10.627	75	7166	1.820	ug/l	# 22
71) 1,2,3-Trichloropropane	10.627	75	7166	0.657	ug/l	# 43
89) Naphthalene	14.103	128	4954	0.824	ug/l	# 88
90) 1,2,3-Trichlorobenzene	14.328	180	9137	0.703	ug/l	95

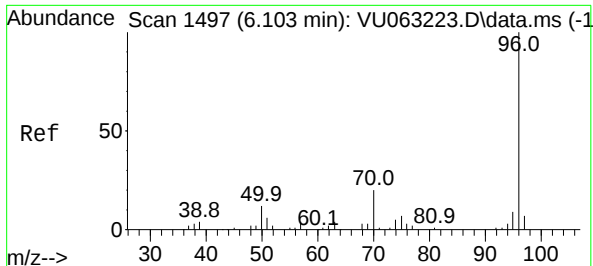
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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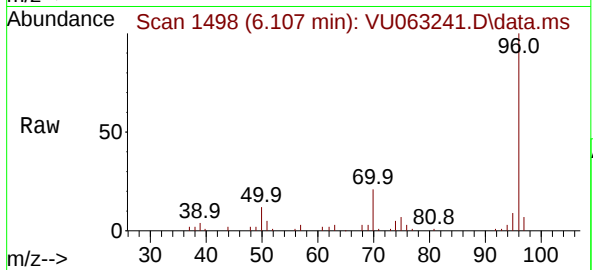
Quant Time: Feb 12 03:21:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021025DW.M
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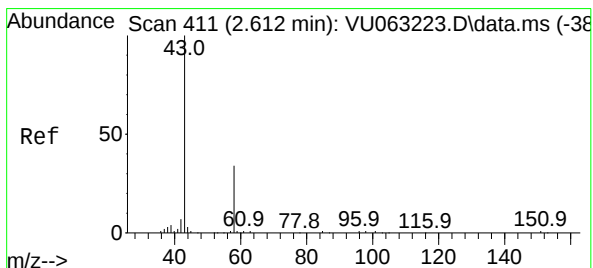
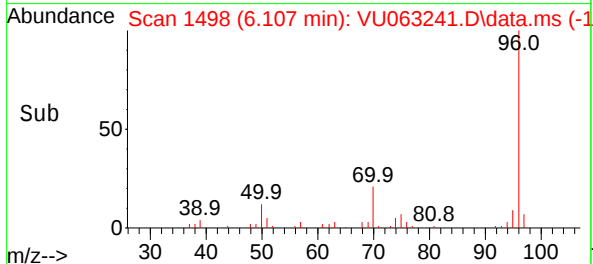
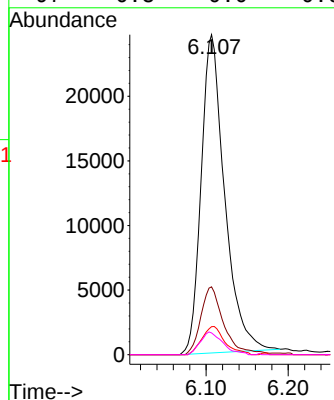


#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.107 min Scan# 1497
Delta R.T. 0.004 min
Lab File: VU063241.D
Acq: 11 Feb 2025 17:26

Instrument :
MSVOA_U
ClientSampleId :

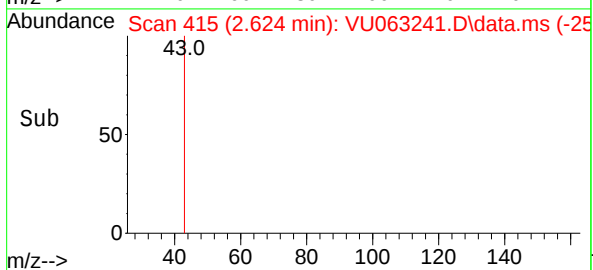
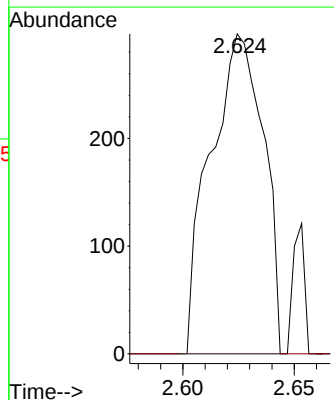
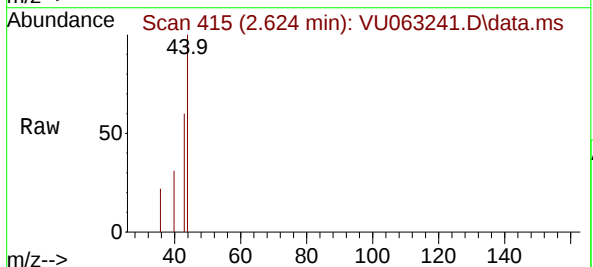


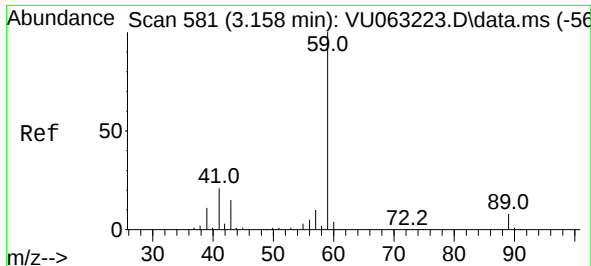
Tgt Ion: 96 Resp: 49048
Ion Ratio Lower Upper
96 100
70 20.0 15.6 23.4
95 8.6 7.3 10.9
97 6.8 0.0 0.0#



#13
Acetone
Concen: 0.224 ug/l
RT: 2.624 min Scan# 415
Delta R.T. 0.013 min
Lab File: VU063241.D
Acq: 11 Feb 2025 17:26

Tgt Ion: 43 Resp: 494
Ion Ratio Lower Upper
43 100
58 0.0 27.4 41.0#

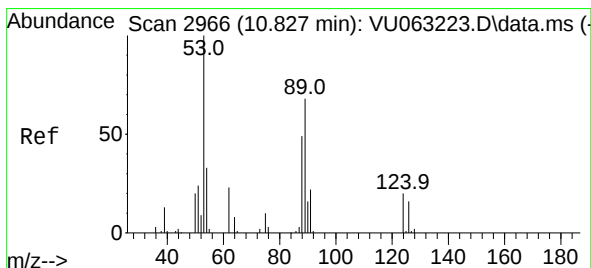
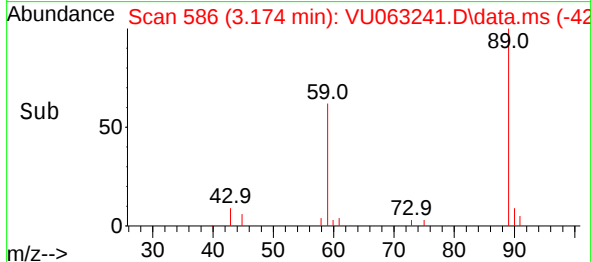
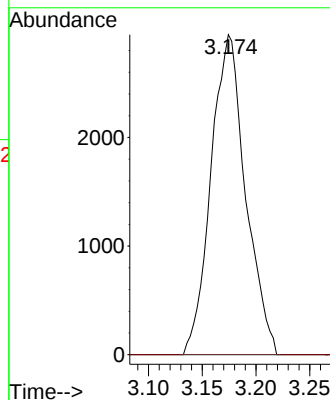
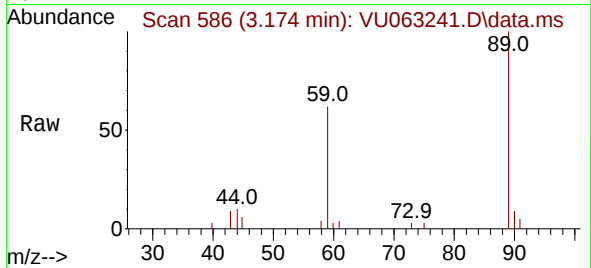




#24
tert-Butyl Alcohol
Concen: Below Cal
RT: 3.174 min Scan# 51
Delta R.T. 0.016 min
Lab File: VU063241.D
Acq: 11 Feb 2025 17:26

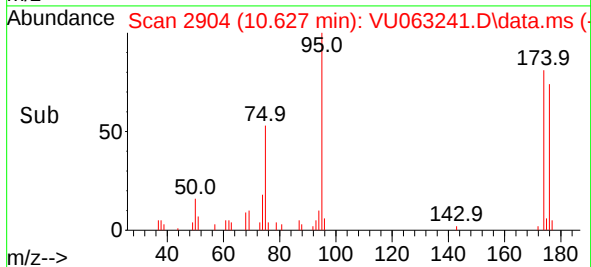
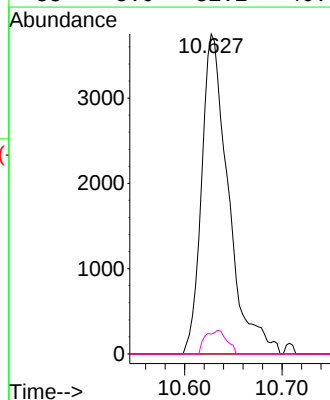
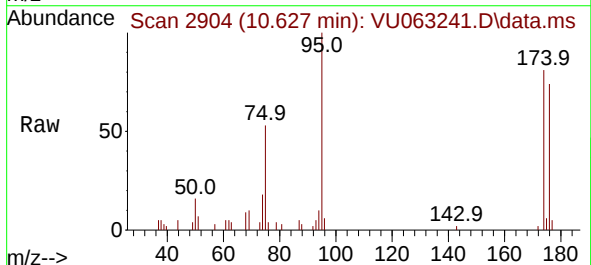
Instrument :
MSVOA_U
ClientSampleId :

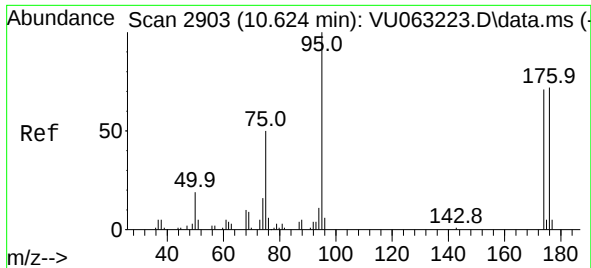
Tgt Ion: 59 Resp: 6595
Ion Ratio Lower Upper
59 100
57 0.0 7.5 11.3#



#46
t-1,4-Dichloro-2-butene
Concen: 1.820 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. -0.199 min
Lab File: VU063241.D
Acq: 11 Feb 2025 17:26

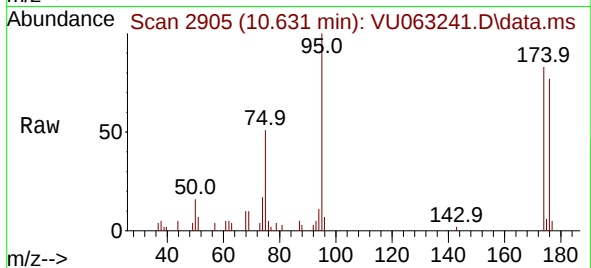
Tgt Ion: 75 Resp: 7166
Ion Ratio Lower Upper
75 100
53 0.0 64.5 96.7#
89 0.0 43.4 65.2#
88 5.9 31.2 46.8#



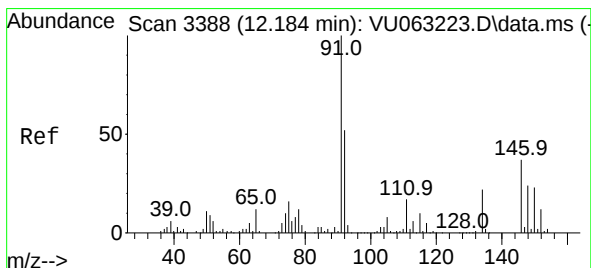
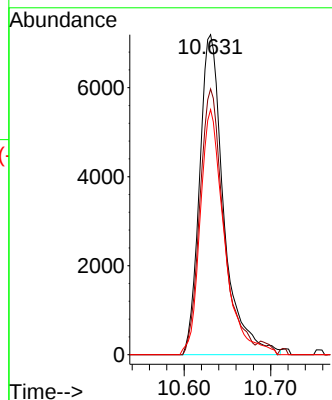
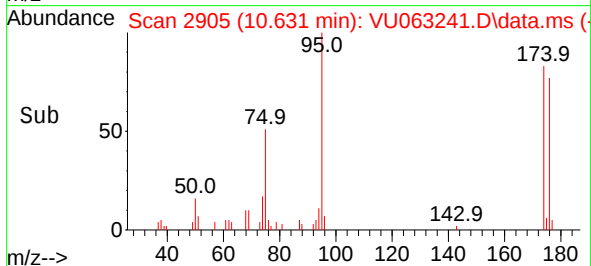


#57
 4-Bromofluorobenzene
 Concen: 0.866 ug/l
 RT: 10.631 min Scan# 2905
 Delta R.T. 0.006 min
 Lab File: VU063241.D
 Acq: 11 Feb 2025 17:26

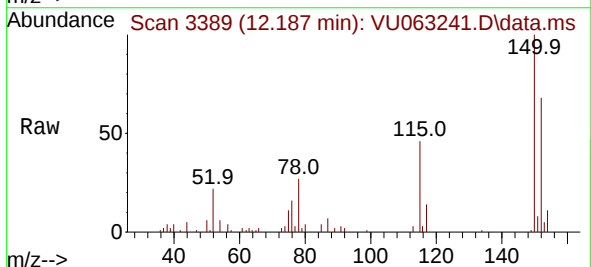
Instrument :
 MSVOA_U
 ClientSampleId :



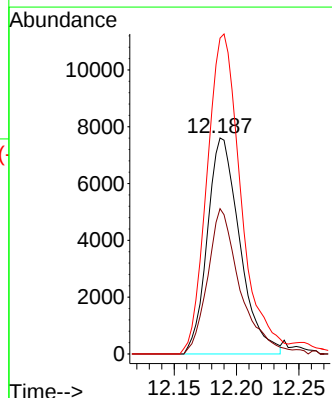
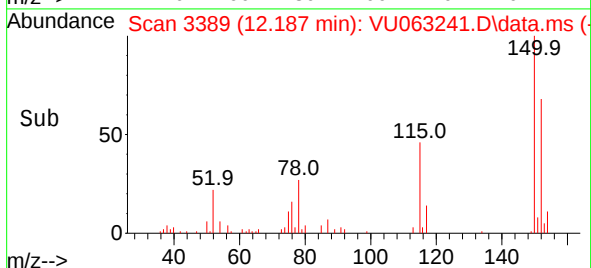
Tgt Ion: 95 Resp: 14006
 Ion Ratio Lower Upper
 95 100
 174 81.7 58.6 88.0
 176 76.4 58.2 87.4

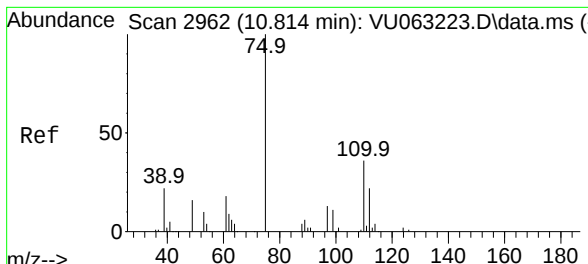


#68
 1,2-Dichlorobenzene-d4
 Concen: 0.819 ug/l
 RT: 12.187 min Scan# 3389
 Delta R.T. 0.003 min
 Lab File: VU063241.D
 Acq: 11 Feb 2025 17:26



Tgt Ion: 152 Resp: 13783
 Ion Ratio Lower Upper
 152 100
 115 67.5 0.0 275.2
 150 155.2 0.0 658.4

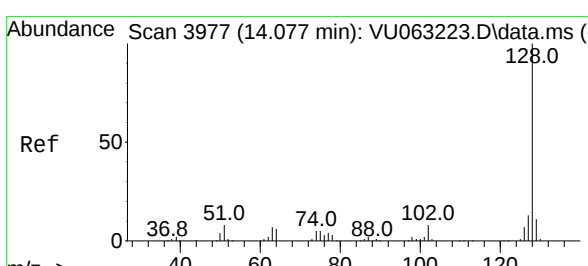
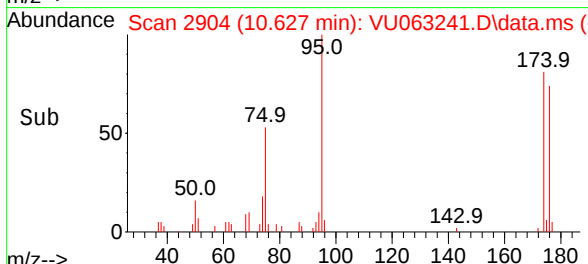
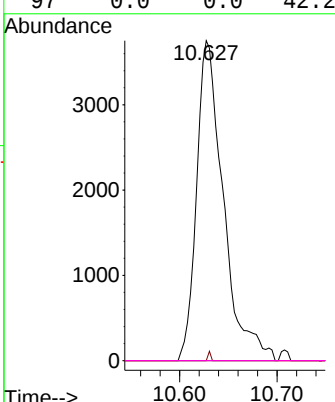
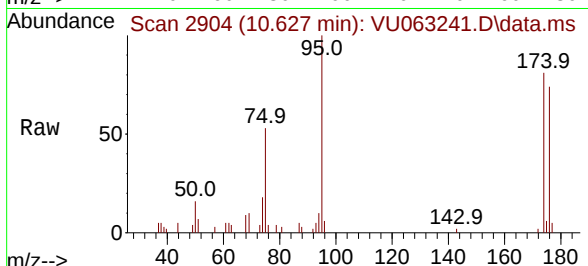




#71
 1,2,3-Trichloropropane
 Concen: 0.657 ug/l
 RT: 10.627 min Scan# 2962
 Delta R.T. -0.187 min
 Lab File: VU063241.D
 Acq: 11 Feb 2025 17:26

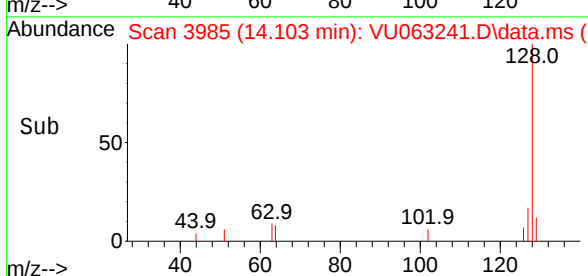
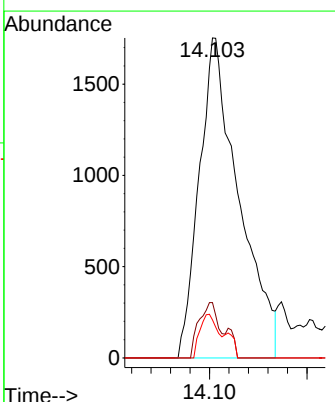
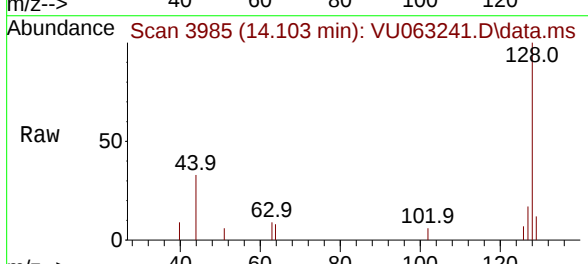
Instrument : MSVOA_U
 ClientSampleId :

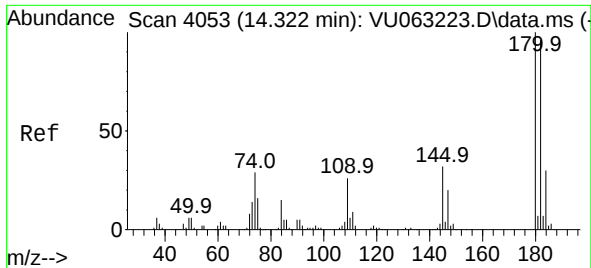
Tgt Ion:	75	Resp:	7166
Ion Ratio	Lower	Upper	
75	100		
77	23.5	0.0	0.0#
110	0.0	0.0	77.0
97	0.0	0.0	42.2



#89
 Naphthalene
 Concen: 0.824 ug/l
 RT: 14.103 min Scan# 3985
 Delta R.T. 0.026 min
 Lab File: VU063241.D
 Acq: 11 Feb 2025 17:26

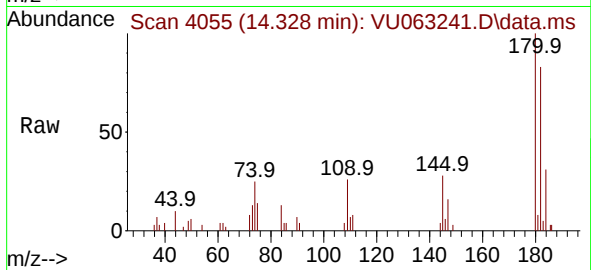
Tgt Ion:	128	Resp:	4954
Ion Ratio	Lower	Upper	
128	100		
127	8.9	10.6	16.0#
129	6.1	8.6	13.0#





#90
 1,2,3-Trichlorobenzene
 Concen: 0.703 ug/l
 RT: 14.328 min Scan# 4053
 Delta R.T. 0.006 min
 Lab File: VU063241.D
 Acq: 11 Feb 2025 17:26

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	180	Resp:	9137
Ion	Ratio	Lower	Upper
180	100		
182	92.3	78.2	117.2
145	31.4	26.1	39.1

