

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071825\
 Data File : VU063540.D
 Acq On : 18 Jul 2025 16:55
 Operator : MD/SY
 Sample : VIBLK
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK

Quant Time: Jul 18 23:51:56 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)

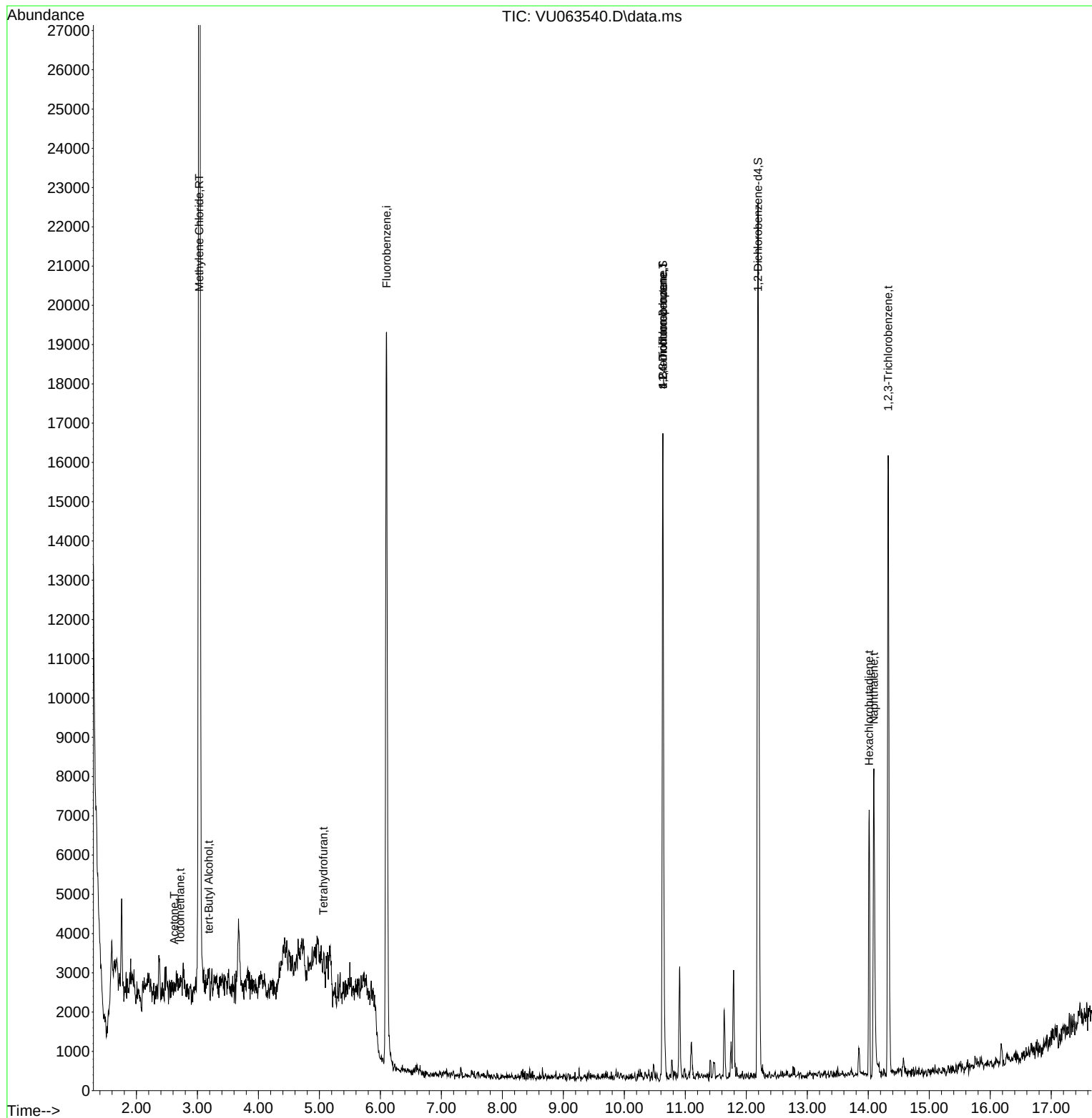
Internal Standards						
1) Fluorobenzene	6.100	96	18515	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	6366	0.908	ug/l	0.00
Spiked Amount 1.000			Recovery	=	91.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	5568	0.859	ug/l	0.00
Spiked Amount 1.000			Recovery	=	86.000%	
Target Compounds						
						Qvalue
10) Iodomethane	2.718	142	164	0.937	ug/l	# 29
13) Acetone	2.618	43	561	0.582	ug/l	# 43
15) Methylene Chloride	3.030	84	21044	3.718	ug/l	# 98
24) tert-Butyl Alcohol	3.184	59	107	0.242	ug/l	# 72
41) Tetrahydrofuran	5.065	42	290	0.273	ug/l	# 30
46) t-1,4-Dichloro-2-butene	10.631	75	3472	3.393	ug/l	# 31
71) 1,2,3-Trichloropropane	10.631	75	3472	0.987	ug/l	# 45
88) Hexachlorobutadiene	14.013	225	1288	0.354	ug/l	# 94
89) Naphthalene	14.090	128	8468	0.737	ug/l	# 98
90) 1,2,3-Trichlorobenzene	14.325	180	5160	0.871	ug/l	# 97

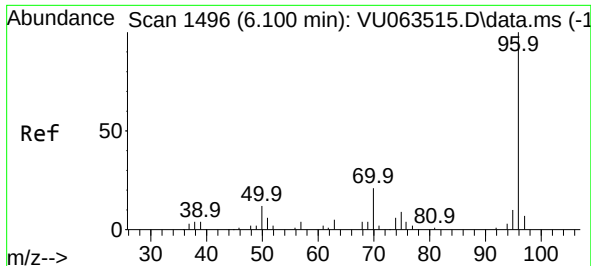
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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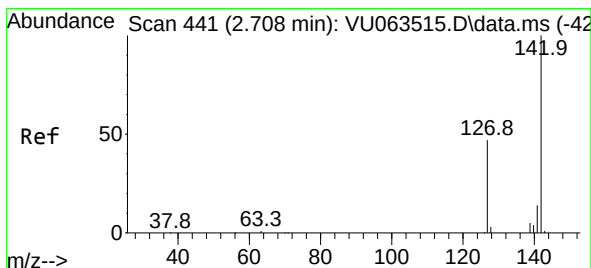
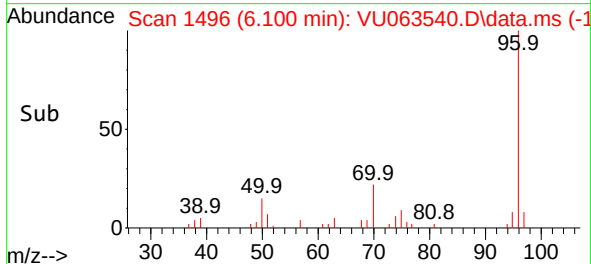
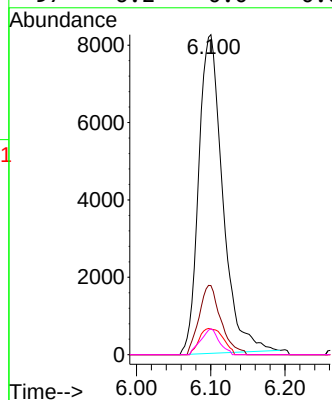
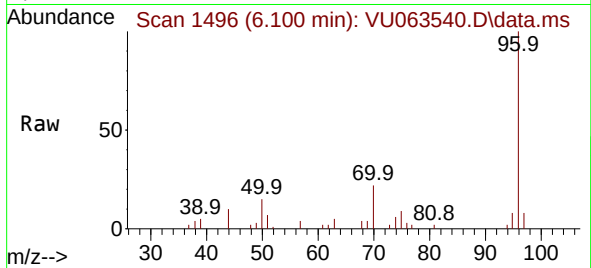




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.100 min Scan# 1496
Delta R.T. 0.000 min
Lab File: VU063540.D
Acq: 18 Jul 2025 16:55

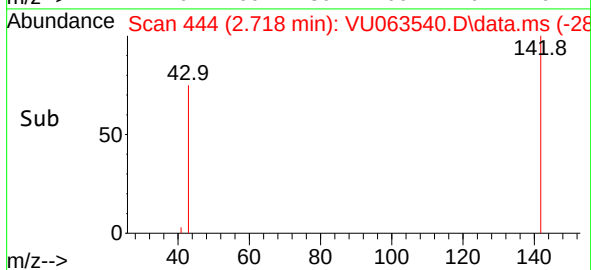
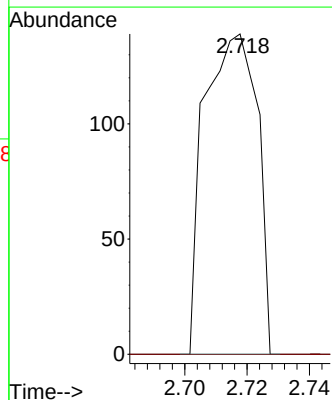
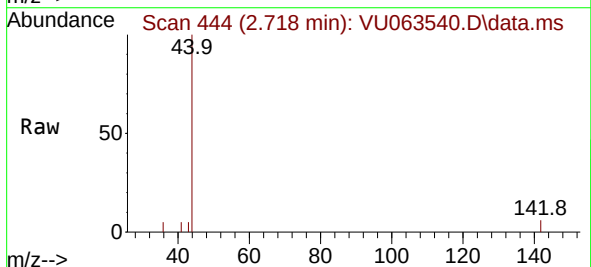
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

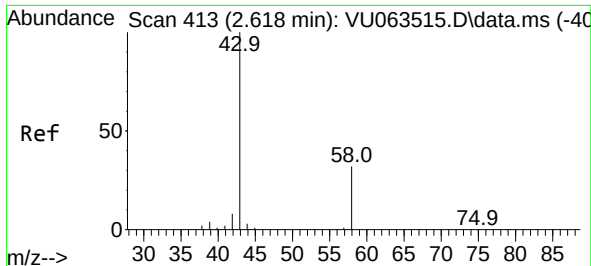
Tgt Ion: 96	Resp: 18515
Ion Ratio	Lower Upper
96 100	
70 19.7	15.0 22.4
95 8.1	7.4 11.0
97 6.2	0.0 0.0



#10
Iodomethane
Concen: 0.937 ug/l
RT: 2.718 min Scan# 444
Delta R.T. 0.010 min
Lab File: VU063540.D
Acq: 18 Jul 2025 16:55

Tgt Ion: 142	Resp: 164
Ion Ratio	Lower Upper
142 100	
127 0.0	37.9 56.9

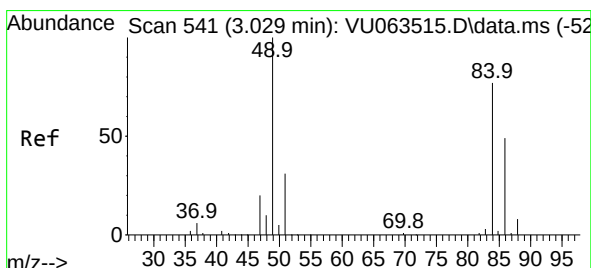
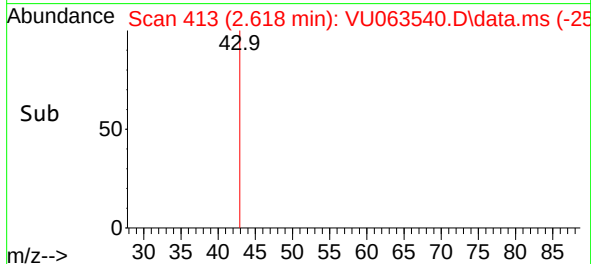
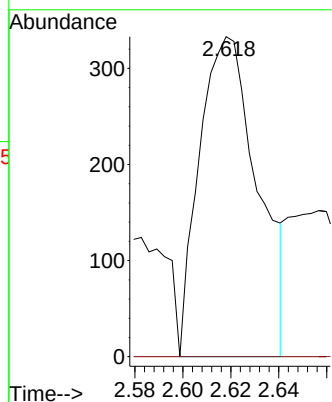
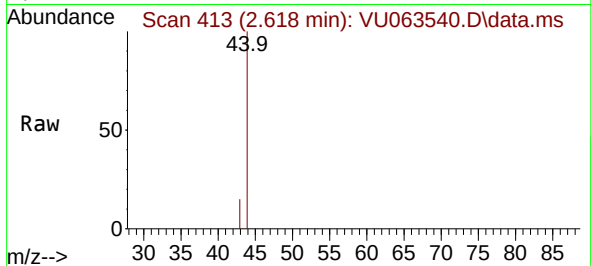




#13
Acetone
Concen: 0.582 ug/l
RT: 2.618 min Scan# 413
Delta R.T. 0.000 min
Lab File: VU063540.D
Acq: 18 Jul 2025 16:55

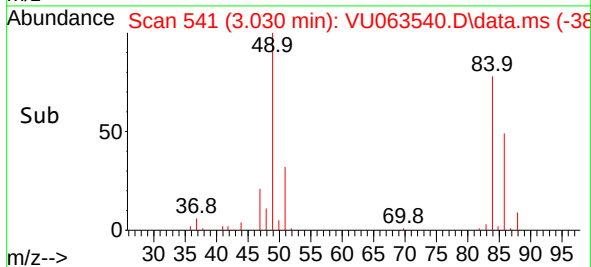
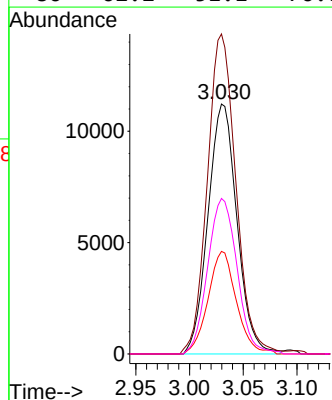
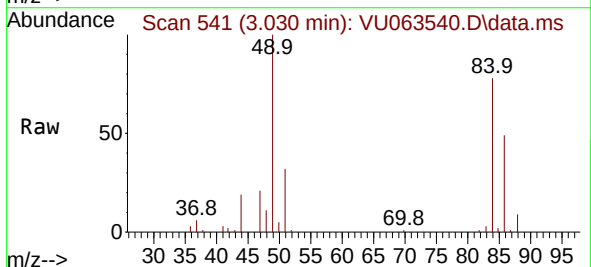
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

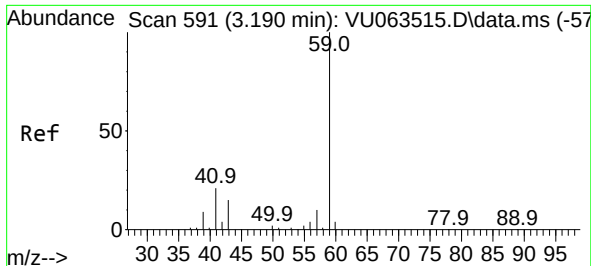
Tgt Ion: 43 Resp: 561
Ion Ratio Lower Upper
43 100
58 0.0 25.4 38.0#



#15
Methylene Chloride
Concen: 3.718 ug/l
RT: 3.030 min Scan# 541
Delta R.T. 0.000 min
Lab File: VU063540.D
Acq: 18 Jul 2025 16:55

Tgt Ion: 84 Resp: 21044
Ion Ratio Lower Upper
84 100
49 128.0 103.8 155.8
51 41.0 0.0 80.4
86 62.2 51.1 76.7

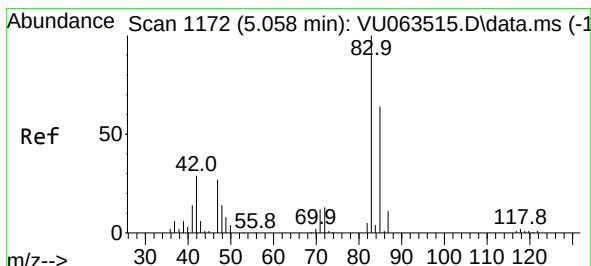
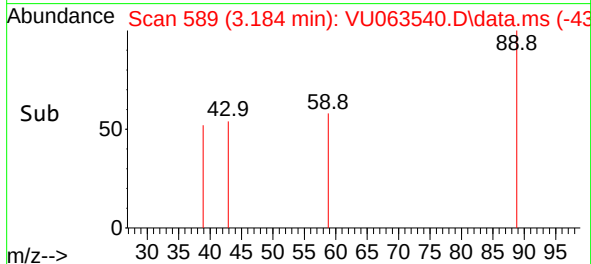
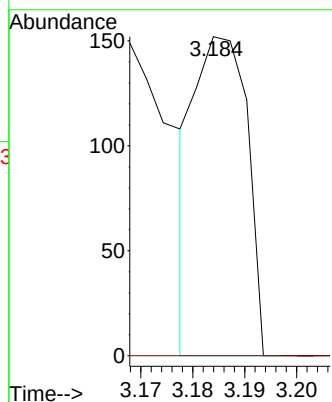
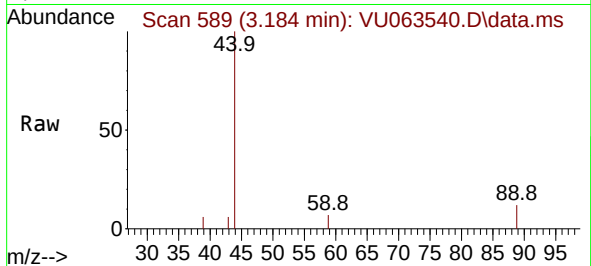




#24
tert-Butyl Alcohol
Concen: 0.242 ug/l
RT: 3.184 min Scan# 51
Delta R.T. -0.006 min
Lab File: VU063540.D
Acq: 18 Jul 2025 16:55

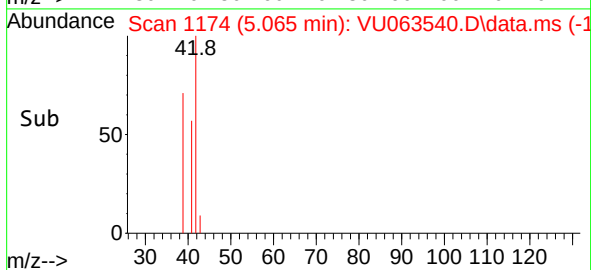
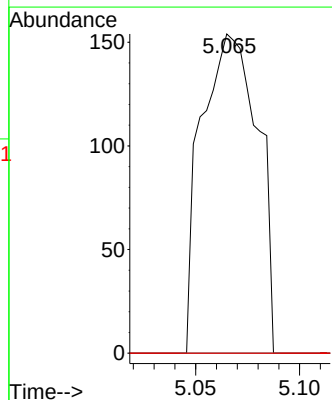
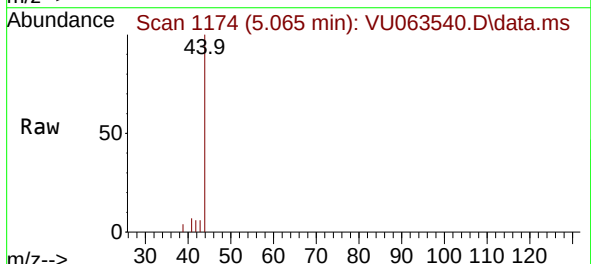
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

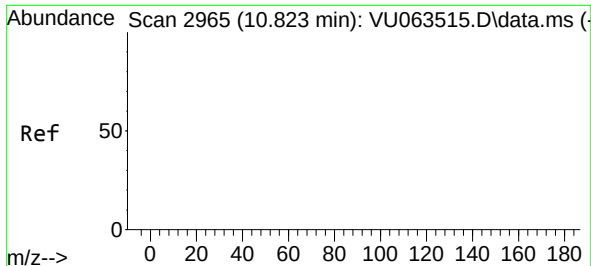
Tgt Ion: 59 Resp: 107
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#41
Tetrahydrofuran
Concen: 0.273 ug/l
RT: 5.065 min Scan# 1174
Delta R.T. 0.007 min
Lab File: VU063540.D
Acq: 18 Jul 2025 16:55

Tgt Ion: 42 Resp: 290
Ion Ratio Lower Upper
42 100
72 0.0 39.2 58.8#
71 0.0 34.8 52.2#

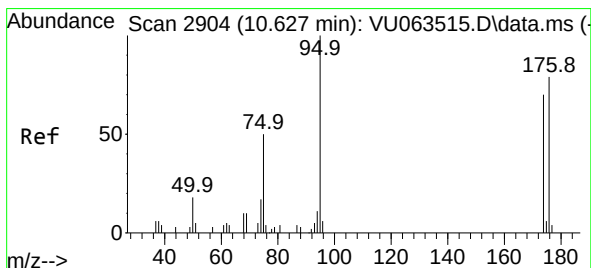
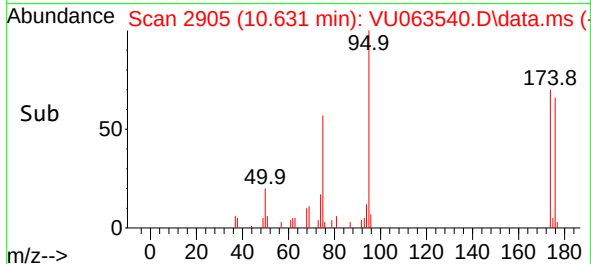
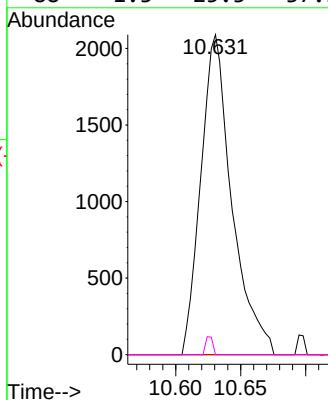
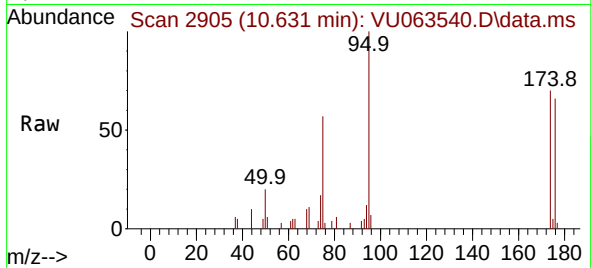




#46
t-1,4-Dichloro-2-butene
Concen: 3.393 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. -0.193 min
Lab File: VU063540.D
Acq: 18 Jul 2025 16:55

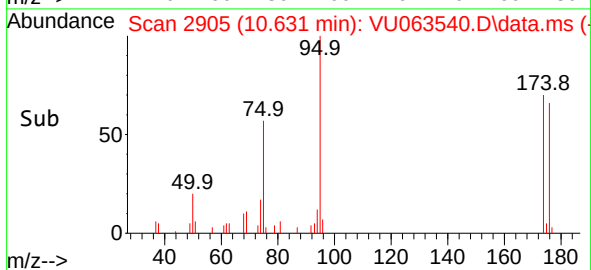
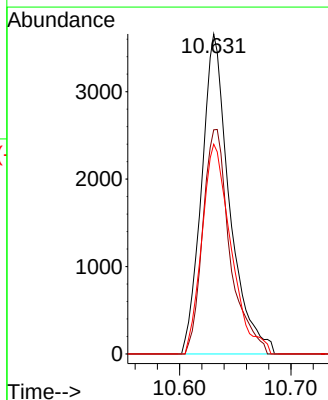
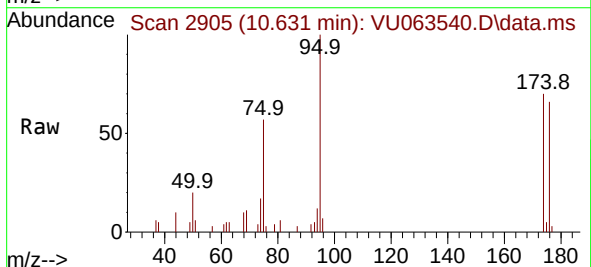
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

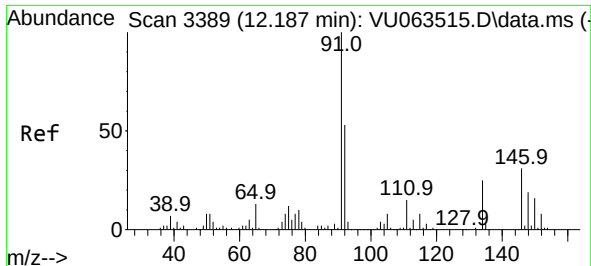
Tgt Ion:	75	Resp:	3472
Ion	Ratio	Lower	Upper
75	100		
53	0.0	48.4	72.6#
89	0.0	30.6	45.8#
88	1.3	25.3	37.9#



#57
4-Bromofluorobenzene
Concen: 0.908 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. 0.003 min
Lab File: VU063540.D
Acq: 18 Jul 2025 16:55

Tgt Ion:	95	Resp:	6366
Ion	Ratio	Lower	Upper
95	100		
174	68.4	59.8	89.8
176	68.5	61.8	92.8

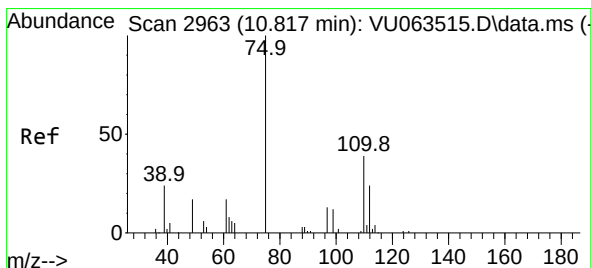
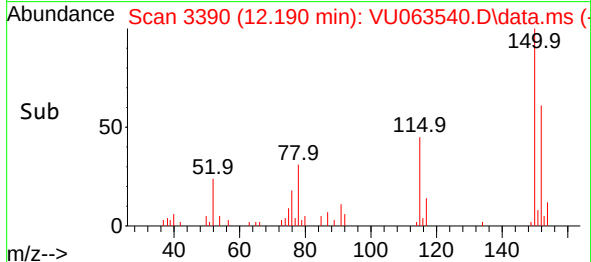
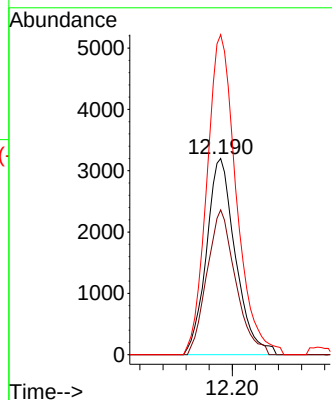
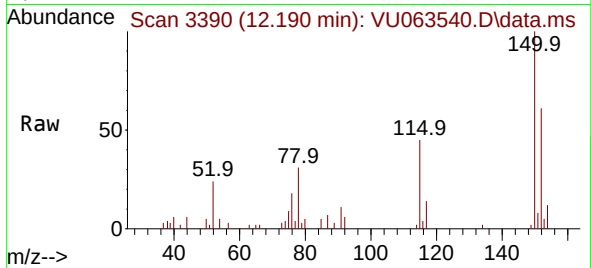




#68
 1,2-Dichlorobenzene-d4
 Concen: 0.859 ug/l
 RT: 12.190 min Scan# 311
 Delta R.T. 0.003 min
 Lab File: VU063540.D
 Acq: 18 Jul 2025 16:55

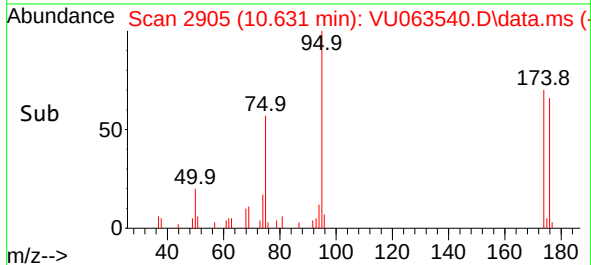
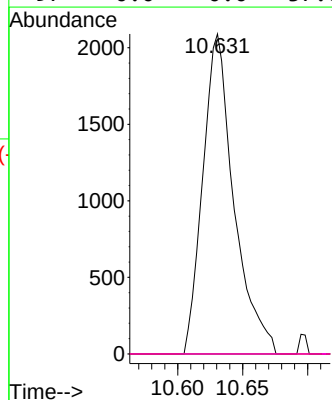
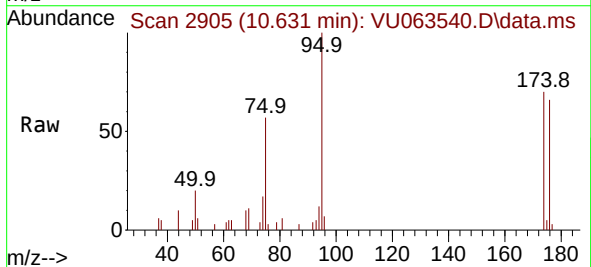
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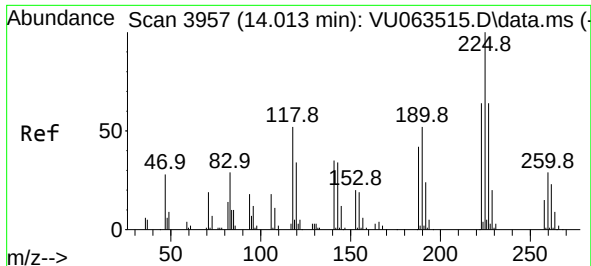
Tgt Ion:152 Resp: 5568
 Ion Ratio Lower Upper
 152 100
 115 72.9 0.0 262.2
 150 165.8 0.0 651.2



#71
 1,2,3-Trichloropropane
 Concen: 0.987 ug/l
 RT: 10.631 min Scan# 2905
 Delta R.T. -0.186 min
 Lab File: VU063540.D
 Acq: 18 Jul 2025 16:55

Tgt Ion: 75 Resp: 3472
 Ion Ratio Lower Upper
 75 100
 77 6.3 0.0 0.0#
 110 0.0 0.0 73.2
 97 0.0 0.0 37.6

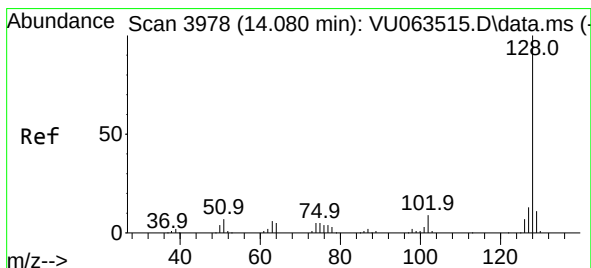
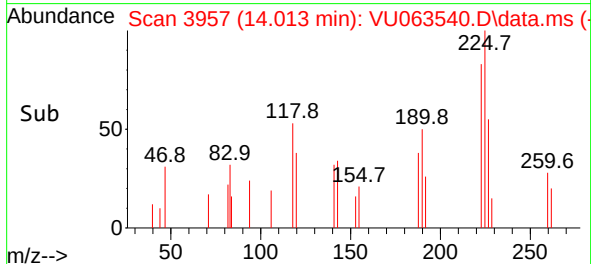
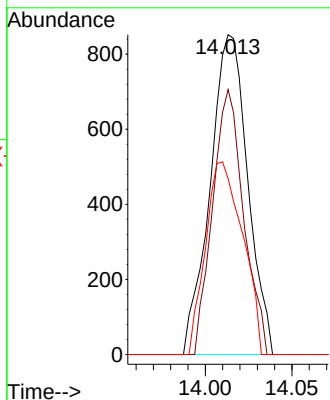
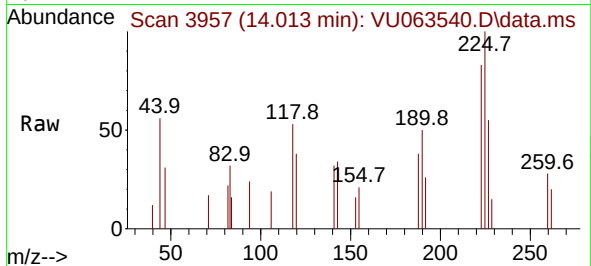




#88
Hexachlorobutadiene
Concen: 0.354 ug/l
RT: 14.013 min Scan# 3957
Delta R.T. 0.000 min
Lab File: VU063540.D
Acq: 18 Jul 2025 16:55

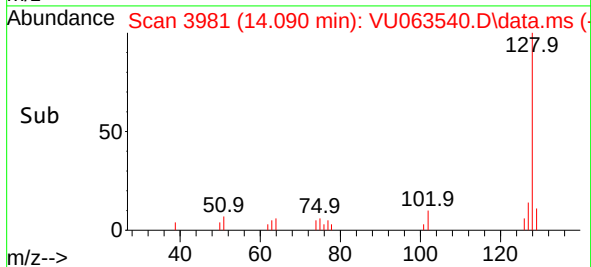
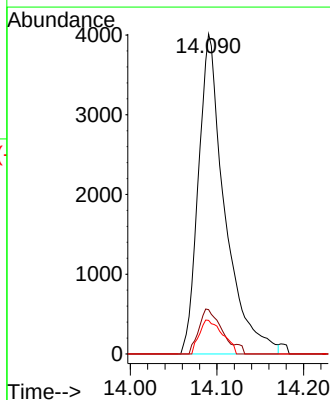
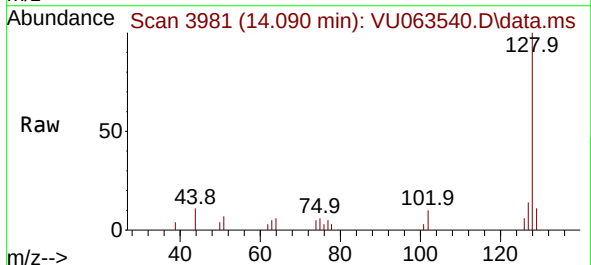
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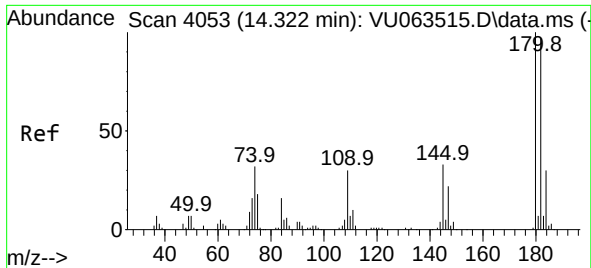
Tgt Ion:	225	Resp:	1288
Ion	Ratio	Lower	Upper
225	100		
223	68.4	50.8	76.2
227	59.3	51.0	76.6



#89
Naphthalene
Concen: 0.737 ug/l
RT: 14.090 min Scan# 3981
Delta R.T. 0.010 min
Lab File: VU063540.D
Acq: 18 Jul 2025 16:55

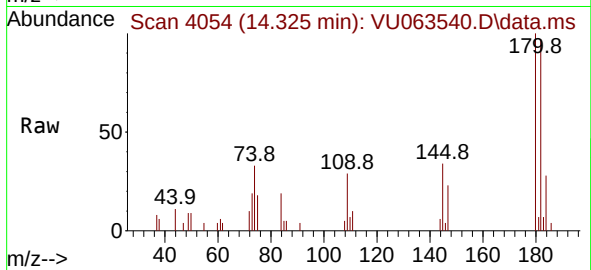
Tgt Ion:	128	Resp:	8468
Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.2	15.4
129	9.3	8.8	13.2





#90
 1,2,3-Trichlorobenzene
 Concen: 0.871 ug/l
 RT: 14.325 min Scan# 4053
 Delta R.T. 0.003 min
 Lab File: VU063540.D
 Acq: 18 Jul 2025 16:55

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK



Tgt Ion:	180	Resp:	5160
Ion Ratio	Lower	Upper	
180	100		
182	99.4	78.0	117.0
145	31.3	27.3	40.9

