

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013023\
 Data File : VU052865.D
 Acq On : 30 Jan 2023 13:28
 Operator : JC/MD
 Sample : 01245-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 31 07:43:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U012323DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Jan 24 05:16:59 2023
 Response via : Initial Calibration

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

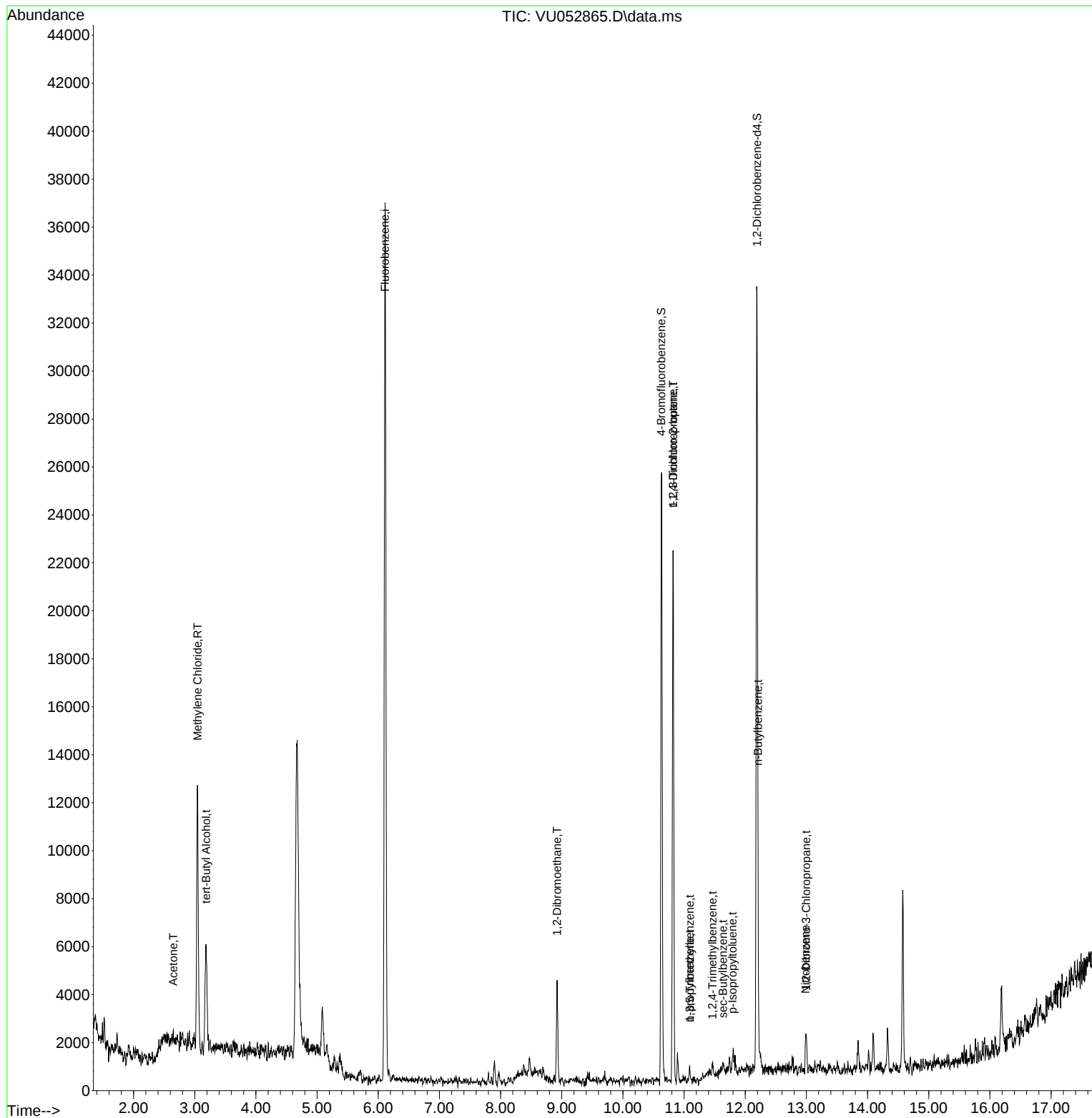
Internal Standards						
1) Fluorobenzene	6.111	96	32997	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.629	95	8750	0.797	ug/l	0.00
Spiked Amount 1.000			Recovery	=	80.000%	
68) 1,2-Dichlorobenzene-d4	12.192	152	10207	0.904	ug/l	0.00
Spiked Amount 1.000			Recovery	=	90.000%	
Target Compounds						
					Qvalue	
13) Acetone	2.649	43	484	0.209	ug/l	94
15) Methylene Chloride	3.044	84	5225	0.562	ug/l	95
24) tert-Butyl Alcohol	3.186	59	2893	4.414	ug/l #	22
46) t-1,4-Dichloro-2-butene	10.822	75	9330	3.764	ug/l #	23
56) 1,2-Dibromoethane	8.925	107	2840	0.466	ug/l	84
71) 1,2,3-Trichloropropane	10.822	75	9330	1.352	ug/l	88
73) n-propylbenzene	11.092	120	154	0.452	ug/l #	1
75) 1,3,5-Trimethylbenzene	11.092	105	226	0.425	ug/l #	73
78) 1,2,4-Trimethylbenzene	11.465	105	376	0.464	ug/l	95
79) sec-Butylbenzene	11.635	105	328	0.435	ug/l #	56
80) Nitrobenzene	12.986	77	109	0.221	ug/l #	41
81) p-Isopropyltoluene	11.790	119	417	0.494	ug/l #	56
84) n-Butylbenzene	12.208	91	486	0.566	ug/l #	73
86) 1,2-Dibromo-3-Chloropr...	12.995	75	568	0.385	ug/l #	77

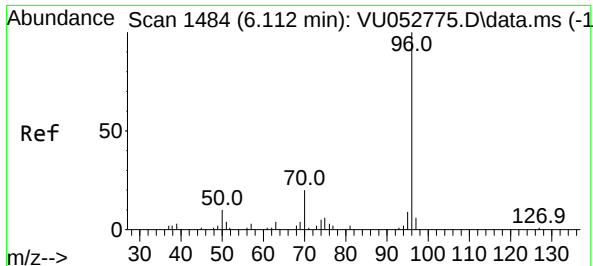
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013023\
Data File : VU052865.D
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Sample : 01245-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

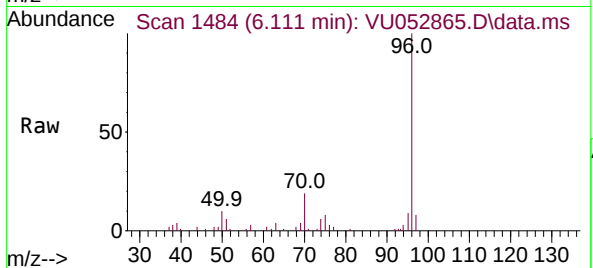
Quant Time: Jan 31 07:43:25 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U012323DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Jan 24 05:16:59 2023
Response via : Initial Calibration



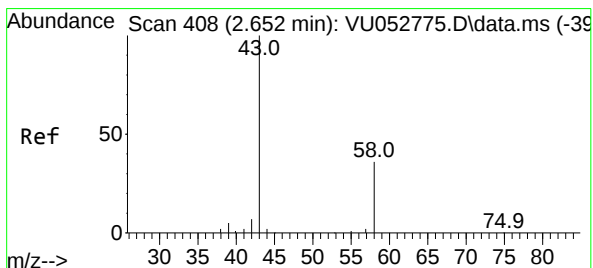
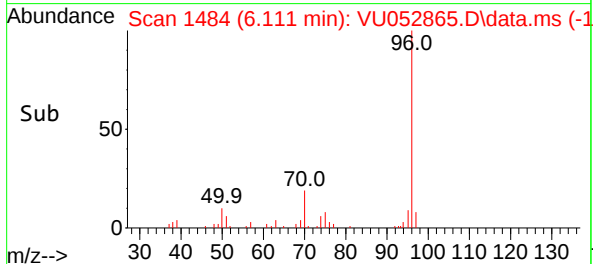
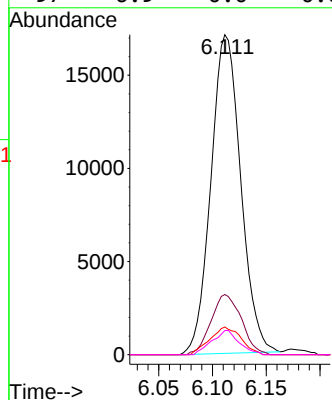


#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.111 min Scan# 1484
Delta R.T. -0.001 min
Lab File: VU052865.D
Acq: 30 Jan 2023 13:28

Instrument :
MSVOA_U
ClientSampleId :

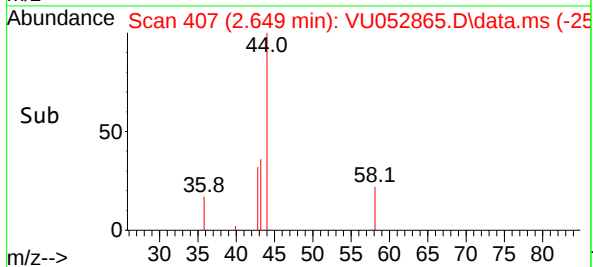
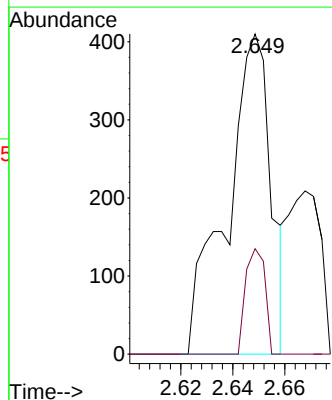
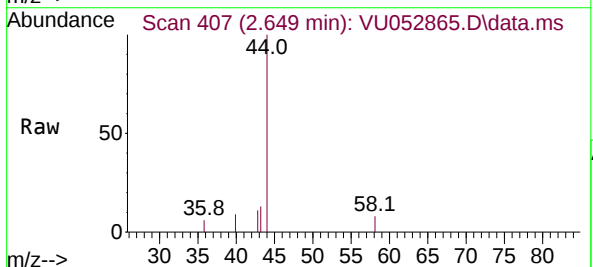


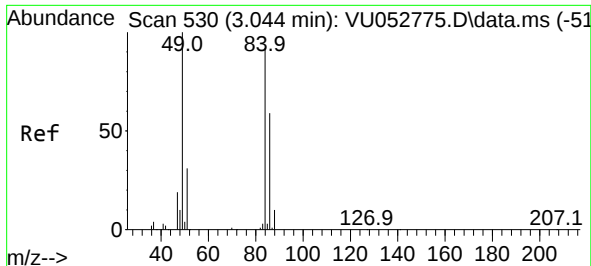
Tgt Ion:	96	Resp:	32997
Ion	Ratio	Lower	Upper
96	100		
70	19.2	16.2	24.4
95	9.1	7.4	11.0
97	6.9	0.0	0.0



#13
Acetone
Concen: 0.209 ug/l
RT: 2.649 min Scan# 407
Delta R.T. -0.003 min
Lab File: VU052865.D
Acq: 30 Jan 2023 13:28

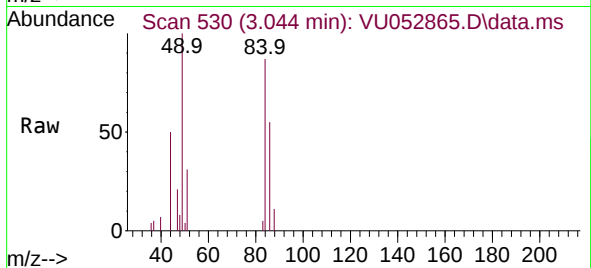
Tgt Ion:	43	Resp:	484
Ion	Ratio	Lower	Upper
43	100		
58	32.9	29.0	43.4



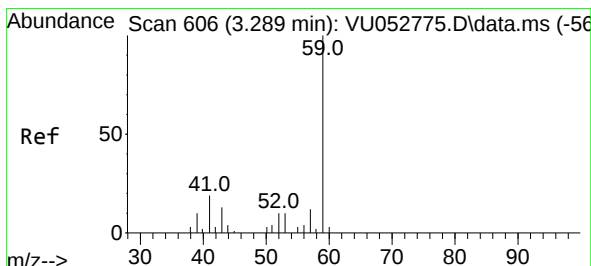
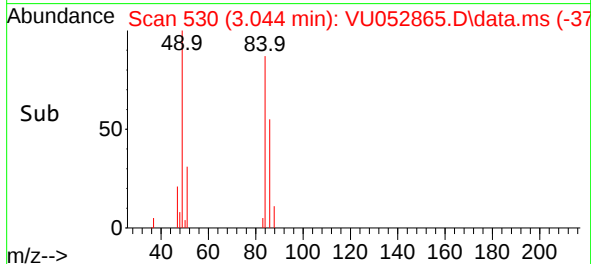
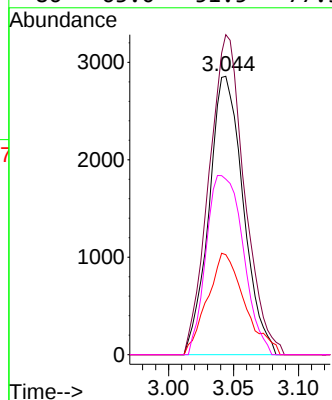


#15
Methylene Chloride
Concen: 0.562 ug/l
RT: 3.044 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU052865.D
Acq: 30 Jan 2023 13:28

Instrument :
MSVOA_U
ClientSampleId :

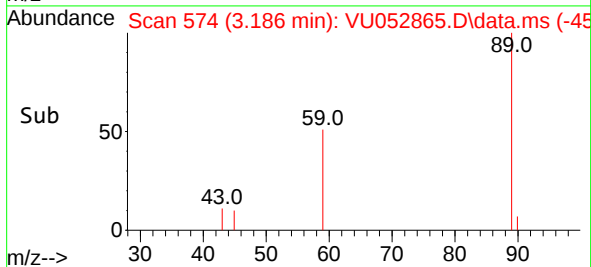
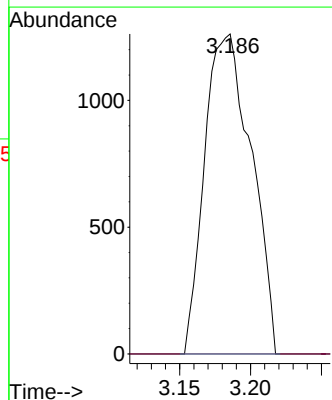
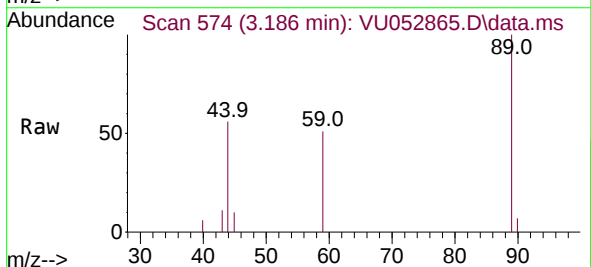


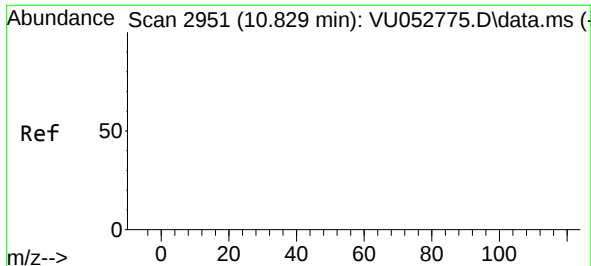
Tgt Ion: 84	Resp: 5225
Ion Ratio	Lower Upper
84 100	
49 114.9	86.7 130.1
51 35.9	0.0 66.8
86 63.0	51.5 77.3



#24
tert-Butyl Alcohol
Concen: 4.414 ug/l
RT: 3.186 min Scan# 574
Delta R.T. -0.103 min
Lab File: VU052865.D
Acq: 30 Jan 2023 13:28

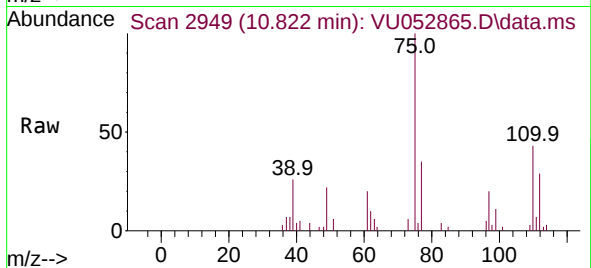
Tgt Ion: 59	Resp: 2893		
Ion Ratio	Lower	Upper	
59 100			
57 0.0	45.8	68.8#	



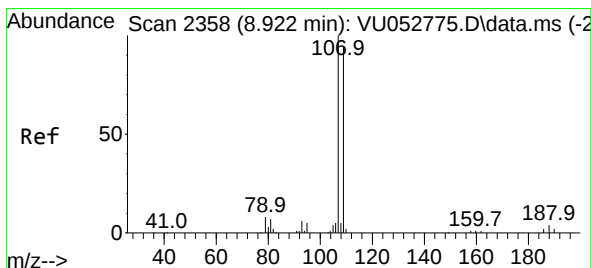
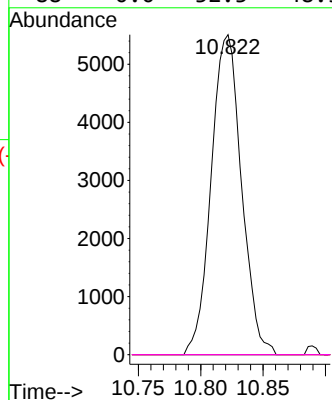
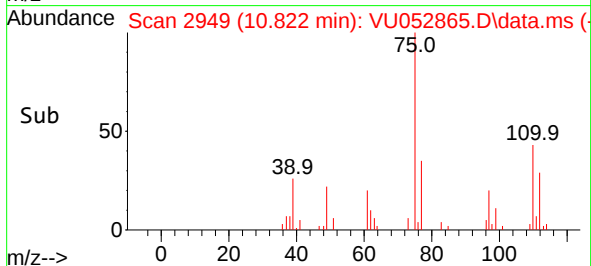


#46
t-1,4-Dichloro-2-butene
Concen: 3.764 ug/l
RT: 10.822 min Scan# 2949
Delta R.T. -0.007 min
Lab File: VU052865.D
Acq: 30 Jan 2023 13:28

Instrument : MSVOA_U
ClientSampleId :

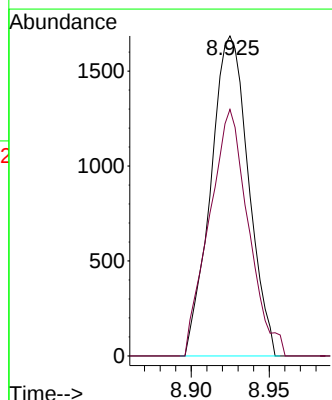
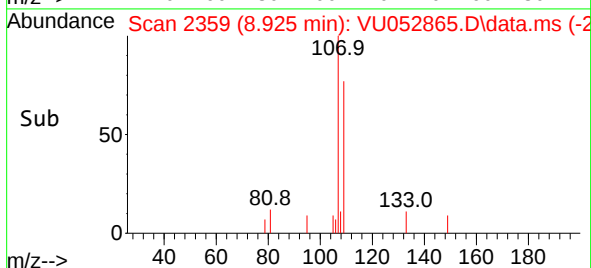
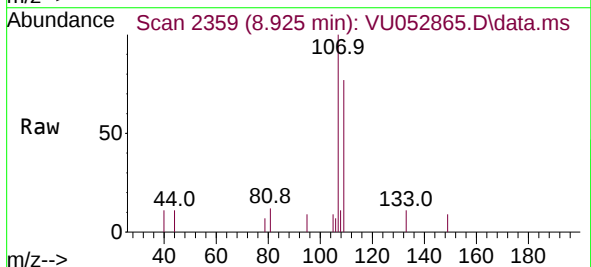


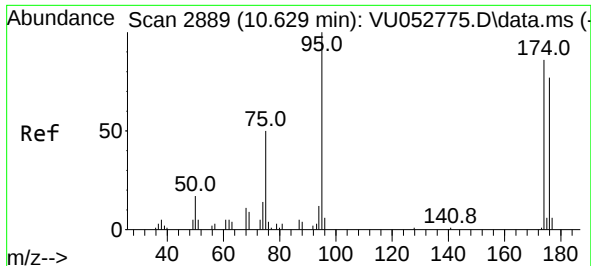
Tgt Ion: 75	Resp: 9330
Ion Ratio	Lower Upper
75 100	
53 0.0	57.0 85.4#
89 0.0	41.1 61.7#
88 0.0	32.3 48.5#



#56
1,2-Dibromoethane
Concen: 0.466 ug/l
RT: 8.925 min Scan# 2359
Delta R.T. 0.003 min
Lab File: VU052865.D
Acq: 30 Jan 2023 13:28

Tgt Ion: 107	Resp: 2840
Ion Ratio	Lower Upper
107 100	
109 79.5	0.0 190.4





#57

4-Bromofluorobenzene

Concen: 0.797 ug/l

RT: 10.629 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU052865.D

Acq: 30 Jan 2023 13:28

Instrument :

MSVOA_U

ClientSampleId :

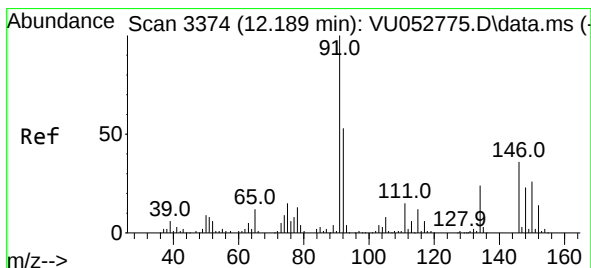
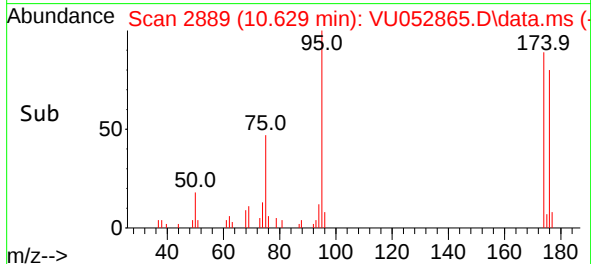
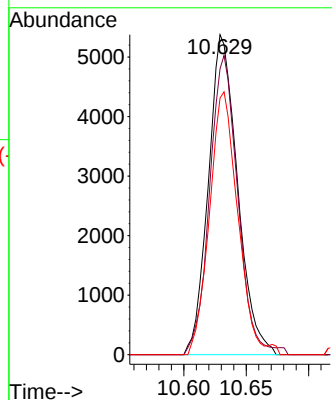
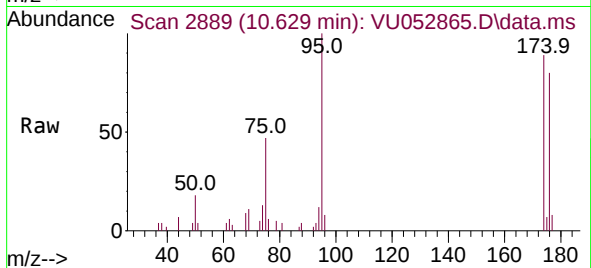
Tgt Ion: 95 Resp: 8750

Ion Ratio Lower Upper

95 100

174 90.4 66.9 100.3

176 79.9 61.9 92.9



#68

1,2-Dichlorobenzene-d4

Concen: 0.904 ug/l

RT: 12.192 min Scan# 3375

Delta R.T. 0.003 min

Lab File: VU052865.D

Acq: 30 Jan 2023 13:28

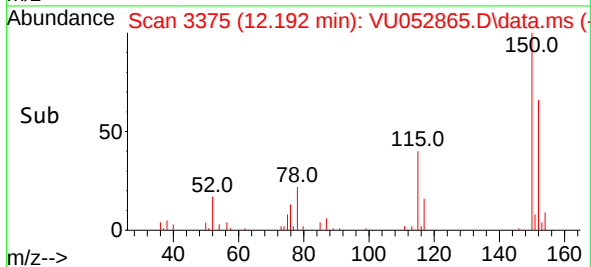
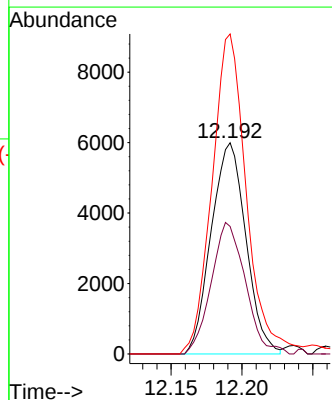
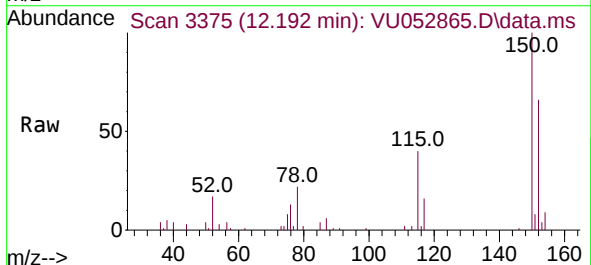
Tgt Ion:152 Resp: 10207

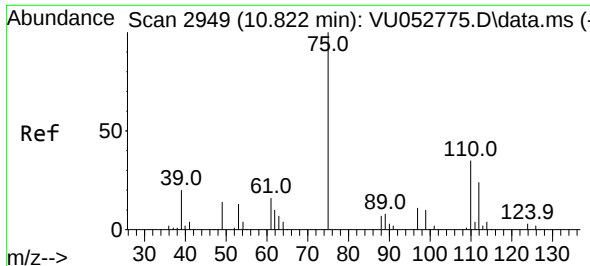
Ion Ratio Lower Upper

152 100

115 61.2 0.0 262.6

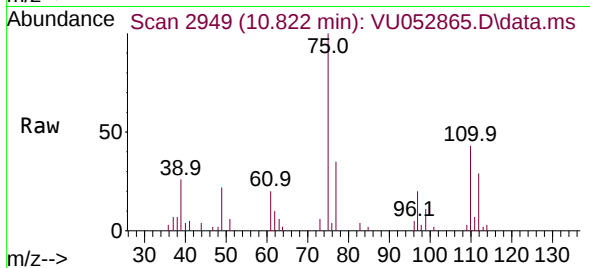
150 149.9 0.0 638.0



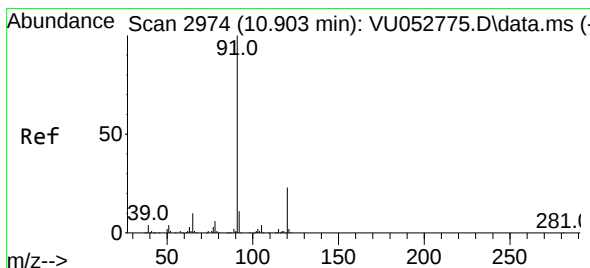
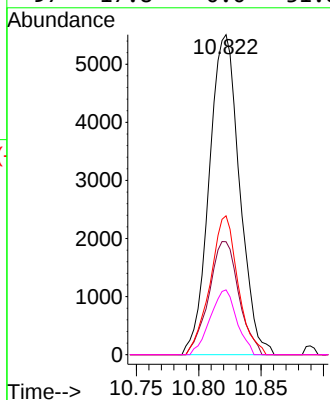
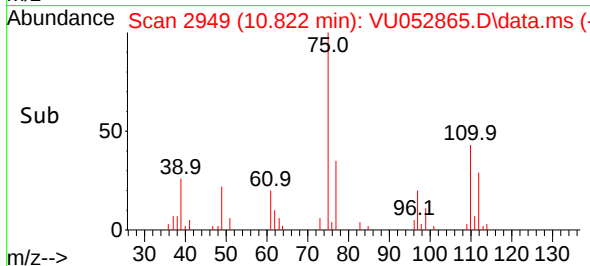


#71
1,2,3-Trichloropropane
Concen: 1.352 ug/l
RT: 10.822 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU052865.D
Acq: 30 Jan 2023 13:28

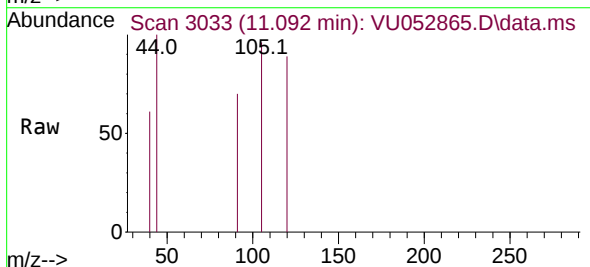
Instrument :
MSVOA_U
ClientSampleId :



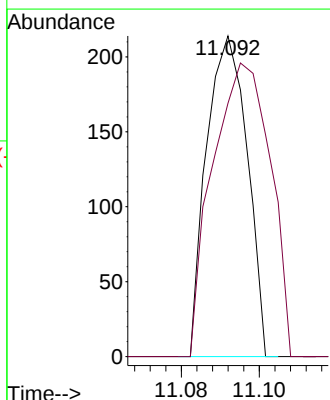
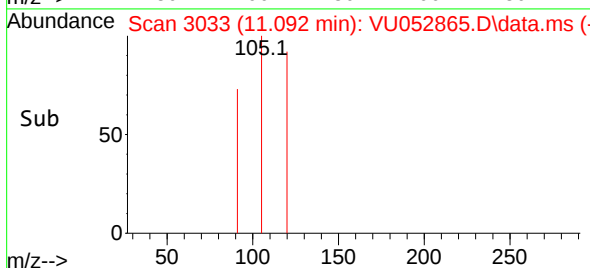
Tgt Ion: 75	Resp: 9330
Ion Ratio	Lower Upper
75	100
77	34.9 0.0 86.0
110	39.9 0.0 63.8
97	17.8 0.0 31.8

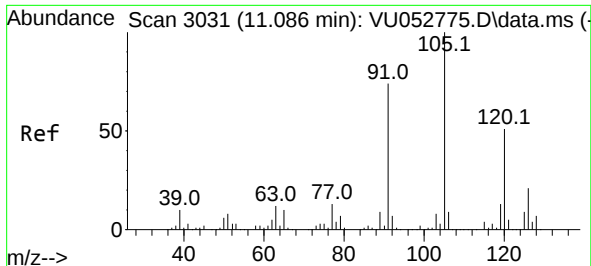


#73
n-propylbenzene
Concen: 0.452 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.189 min
Lab File: VU052865.D
Acq: 30 Jan 2023 13:28



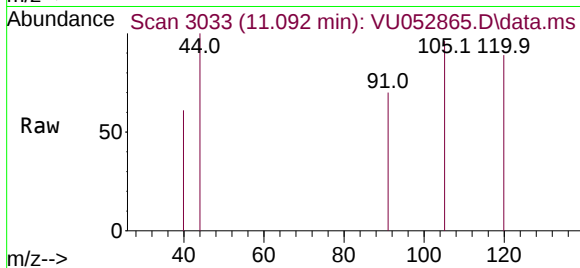
Tgt Ion: 120	Resp: 154
Ion Ratio	Lower Upper
120	100
91	130.5 348.0 522.0#



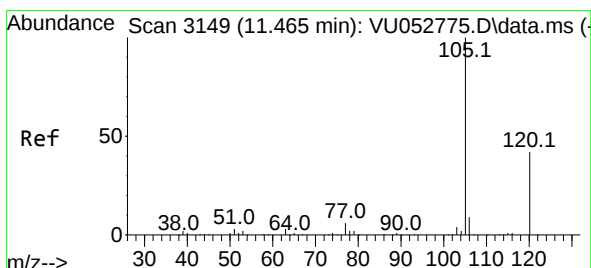
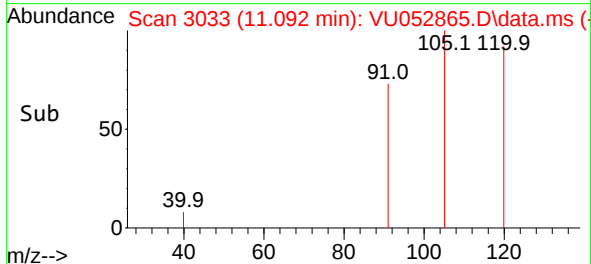
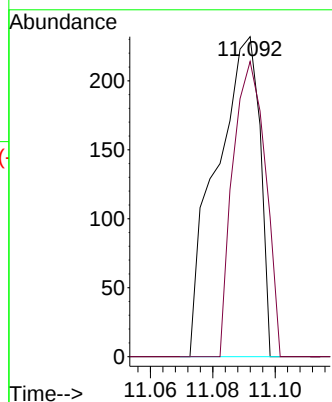


#75
1,3,5-Trimethylbenzene
Concen: 0.425 ug/l
RT: 11.092 min Scan# 3031
Delta R.T. 0.006 min
Lab File: VU052865.D
Acq: 30 Jan 2023 13:28

Instrument :
MSVOA_U
ClientSampleId :

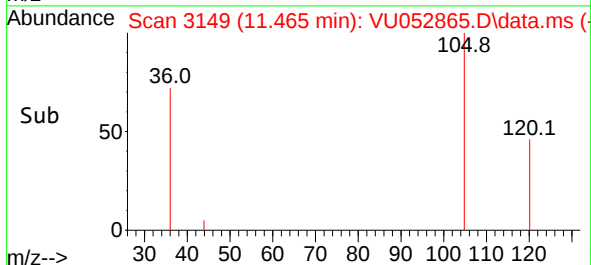
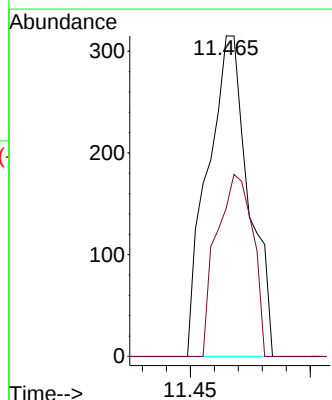
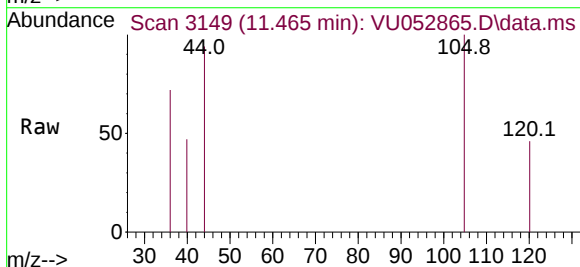


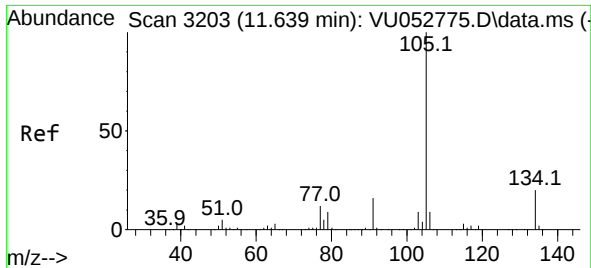
Tgt Ion:105 Resp: 226
Ion Ratio Lower Upper
105 100
120 68.1 39.9 59.9#



#78
1,2,4-Trimethylbenzene
Concen: 0.464 ug/l
RT: 11.465 min Scan# 3149
Delta R.T. -0.000 min
Lab File: VU052865.D
Acq: 30 Jan 2023 13:28

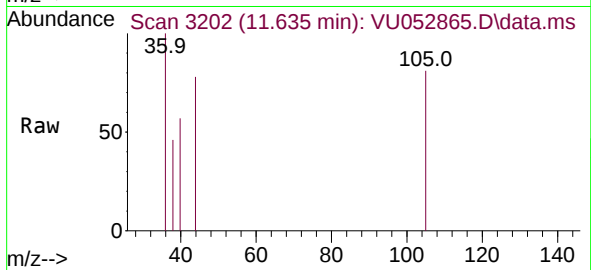
Tgt Ion:105 Resp: 376
Ion Ratio Lower Upper
105 100
120 50.0 23.4 70.3



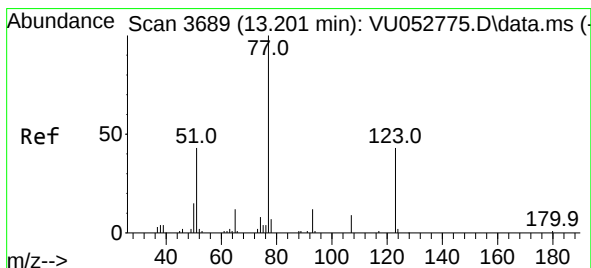
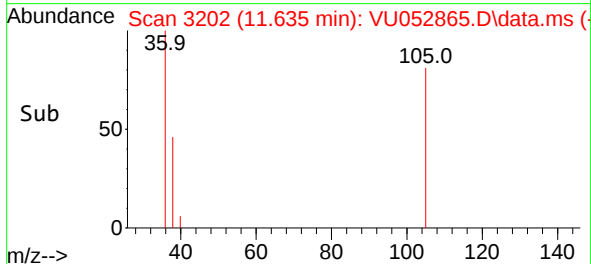
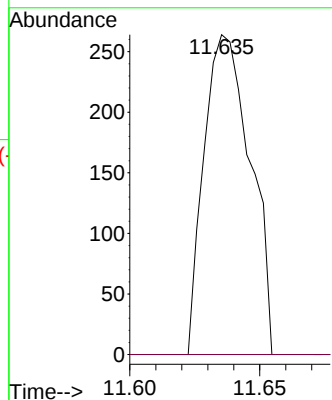


#79
 sec-Butylbenzene
 Concen: 0.435 ug/l
 RT: 11.635 min Scan# 31
 Delta R.T. -0.004 min
 Lab File: VU052865.D
 Acq: 30 Jan 2023 13:28

Instrument :
 MSVOA_U
 ClientSampleId :

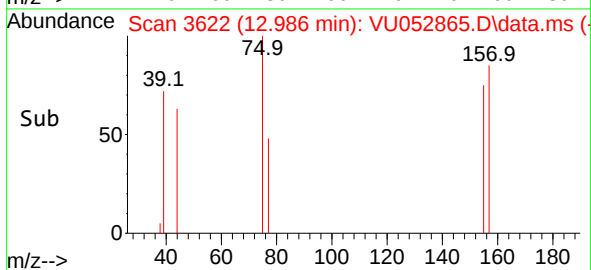
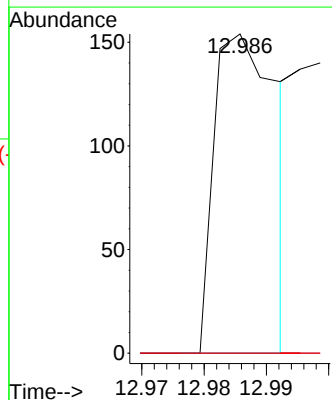
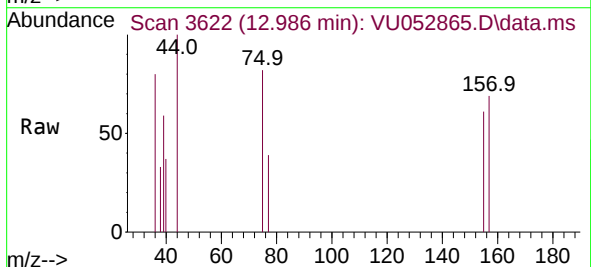


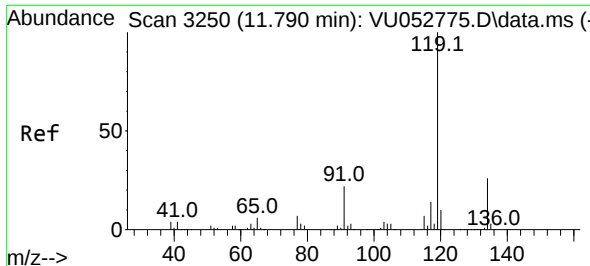
Tgt Ion:105 Resp: 328
 Ion Ratio Lower Upper
 105 100
 134 0.0 16.5 24.7#



#80
 Nitrobenzene
 Concen: 0.221 ug/l
 RT: 12.986 min Scan# 3622
 Delta R.T. -0.215 min
 Lab File: VU052865.D
 Acq: 30 Jan 2023 13:28

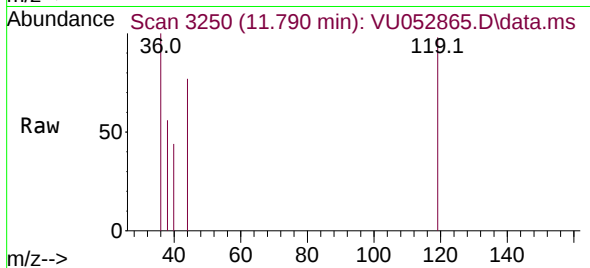
Tgt Ion: 77 Resp: 109
 Ion Ratio Lower Upper
 77 100
 123 0.0 18.8 66.8#
 65 0.0 10.1 12.9#



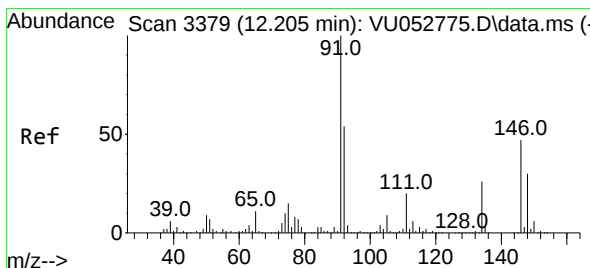
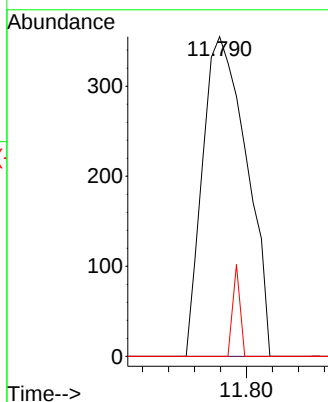
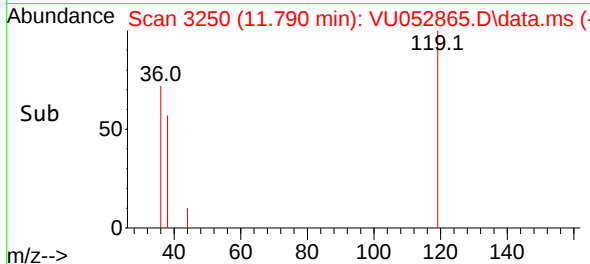


#81
p-Isopropyltoluene
Concen: 0.494 ug/l
RT: 11.790 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU052865.D
Acq: 30 Jan 2023 13:28

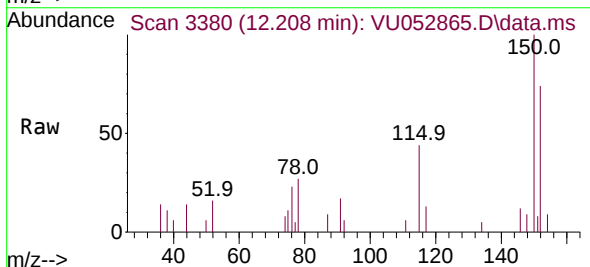
Instrument :
MSVOA_U
ClientSampleId :



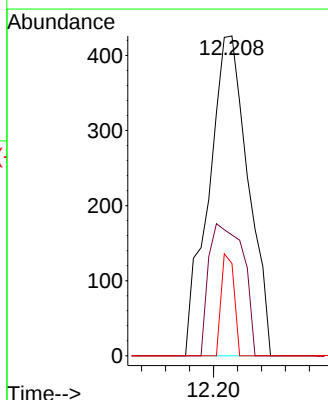
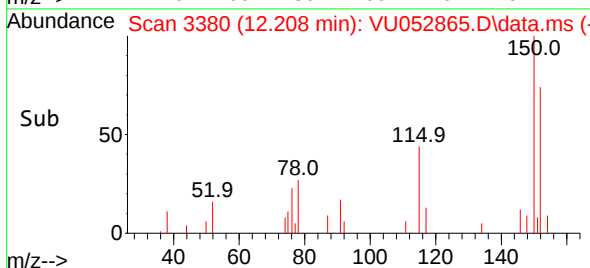
Tgt Ion:119 Resp: 417
Ion Ratio Lower Upper
119 100
134 0.0 20.7 31.1#
91 4.8 17.6 26.4#

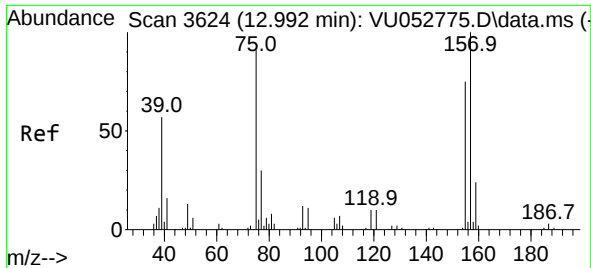


#84
n-Butylbenzene
Concen: 0.566 ug/l
RT: 12.208 min Scan# 3380
Delta R.T. 0.003 min
Lab File: VU052865.D
Acq: 30 Jan 2023 13:28



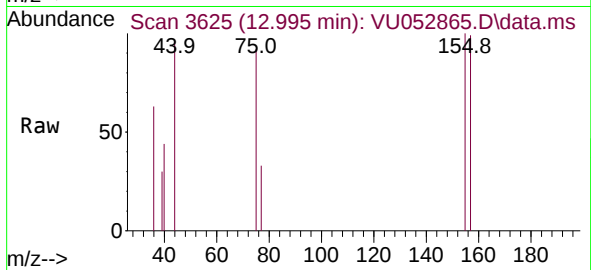
Tgt Ion: 91 Resp: 486
Ion Ratio Lower Upper
91 100
92 36.0 43.4 65.0#
134 10.3 21.2 31.8#





#86
 1,2-Dibromo-3-Chloropropane
 Concen: 0.385 ug/l
 RT: 12.995 min Scan# 30
 Delta R.T. 0.003 min
 Lab File: VU052865.D
 Acq: 30 Jan 2023 13:28

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 568
 Ion Ratio Lower Upper
 75 100
 155 118.5 66.0 99.0#
 157 97.2 85.9 128.9

