

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012423\
 Data File : VU052782.D
 Acq On : 24 Jan 2023 11:03
 Operator : JC/MD
 Sample : VU0124WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 25 01:34:19 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)

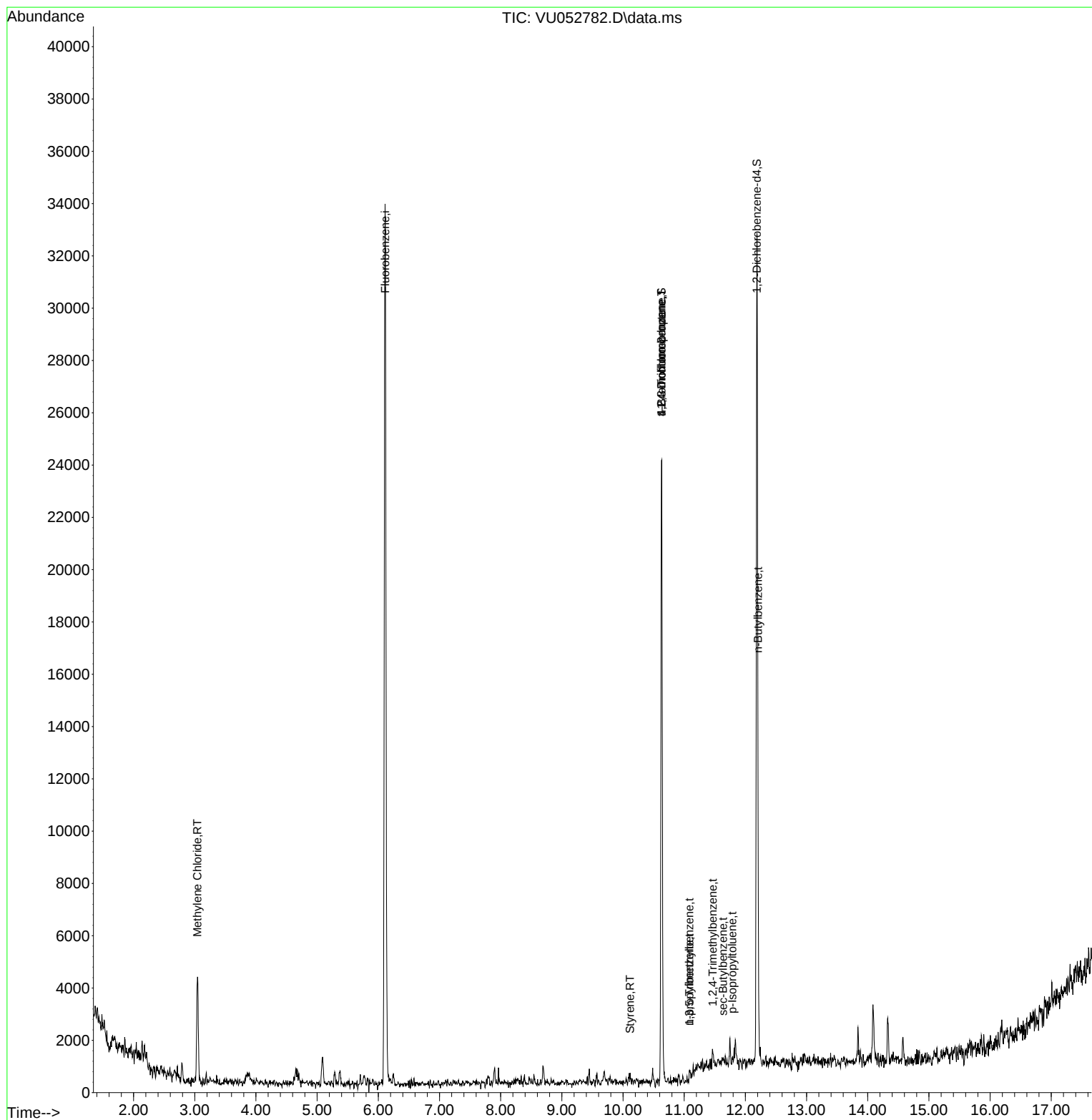
Internal Standards						
1) Fluorobenzene	6.112	96	33882	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.629	95	8789	0.780	ug/l	0.00
Spiked Amount 1.000			Recovery	=	78.000%	
68) 1,2-Dichlorobenzene-d4	12.189	152	9208	0.794	ug/l	0.00
Spiked Amount 1.000			Recovery	=	79.000%	
Target Compounds						Qvalue
15) Methylene Chloride	3.041	84	2207	0.231	ug/l	92
46) t-1,4-Dichloro-2-butene	10.629	75	4256	1.672	ug/l #	25
66) Styrene	10.115	104	167	0.426	ug/l #	43
71) 1,2,3-Trichloropropane	10.629	75	4256	0.600	ug/l #	42
73) n-propylbenzene	11.086	120	84	0.447	ug/l #	1
75) 1,3,5-Trimethylbenzene	11.086	105	305	0.427	ug/l #	68
78) 1,2,4-Trimethylbenzene	11.465	105	469	0.466	ug/l	87
79) sec-Butylbenzene	11.636	105	154	0.432	ug/l #	56
81) p-Isopropyltoluene	11.784	119	258	0.490	ug/l #	51
84) n-Butylbenzene	12.205	91	357	0.563	ug/l #	74

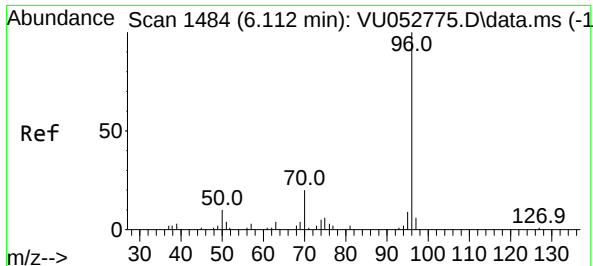
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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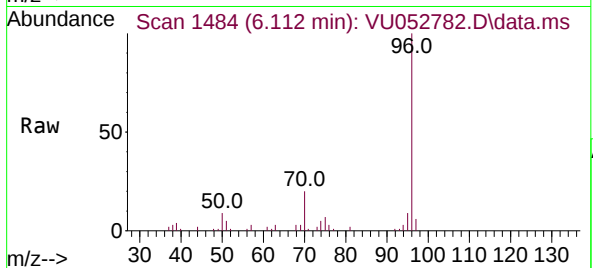
Quant Time: Jan 25 01:34:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U012323DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Jan 24 05:16:59 2023
Response via : Initial Calibration



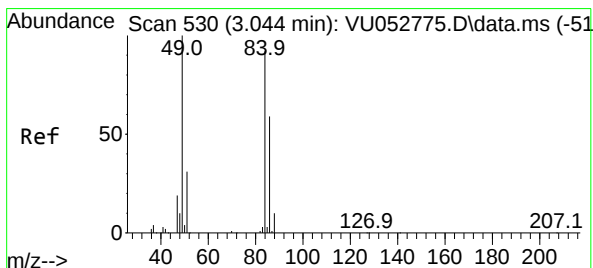
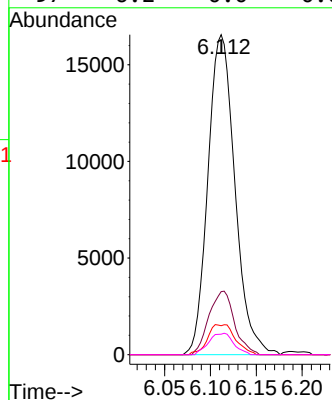
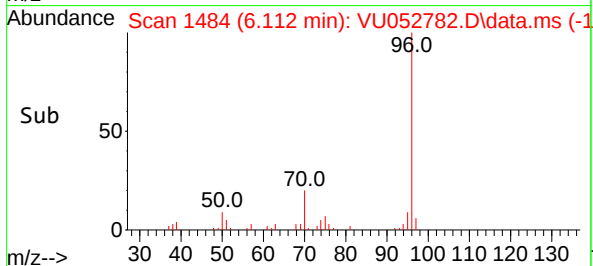


#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.112 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VU052782.D
Acq: 24 Jan 2023 11:03

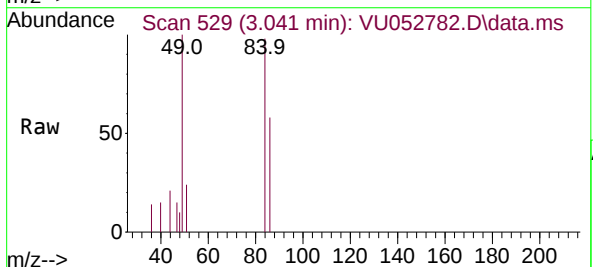
Instrument :
MSVOA_U
ClientSampleId :



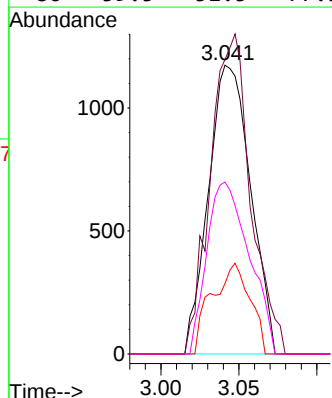
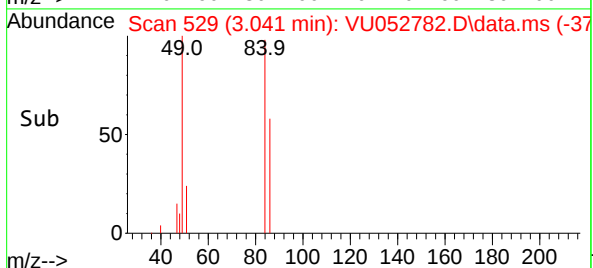
Tgt Ion: 96	Resp: 33882
Ion Ratio	Lower Upper
96 100	
70 18.8	16.2 24.4
95 9.7	7.4 11.0
97 6.2	0.0 0.0#

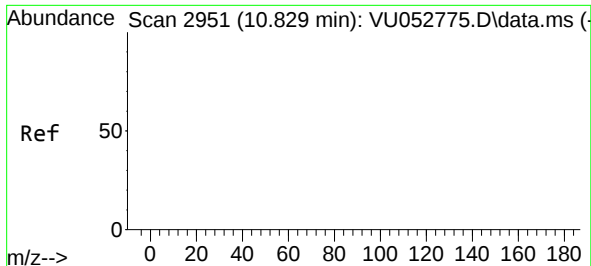


#15
Methylene Chloride
Concen: 0.231 ug/l
RT: 3.041 min Scan# 529
Delta R.T. -0.003 min
Lab File: VU052782.D
Acq: 24 Jan 2023 11:03



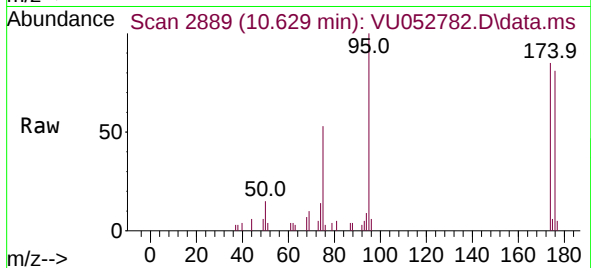
Tgt Ion: 84	Resp: 2207
Ion Ratio	Lower Upper
84 100	
49 102.0	86.7 130.1
51 24.4	0.0 66.8
86 59.5	51.5 77.3





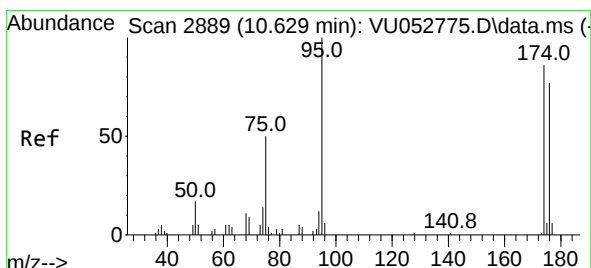
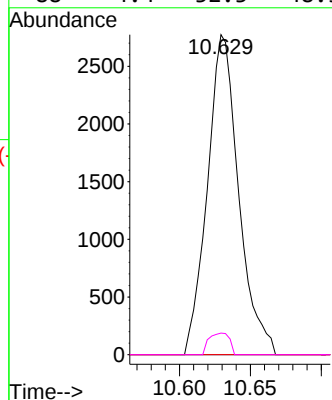
#46
t-1,4-Dichloro-2-butene
Concen: 1.672 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. -0.199 min
Lab File: VU052782.D
Acq: 24 Jan 2023 11:03

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 4256

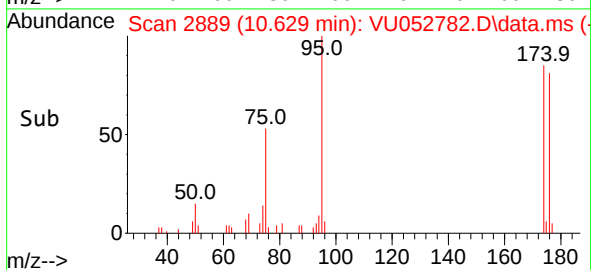
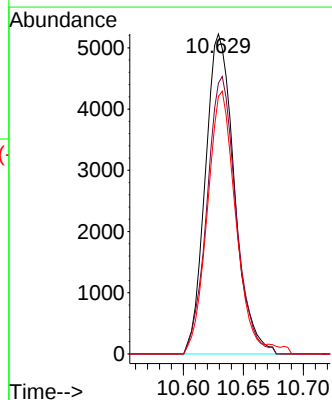
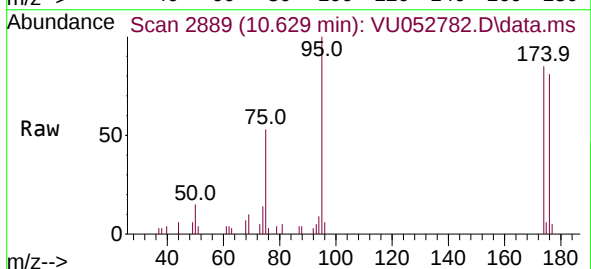
Ion	Ratio	Lower	Upper
75	100		
53	0.0	57.0	85.4#
89	0.0	41.1	61.7#
88	4.4	32.3	48.5#

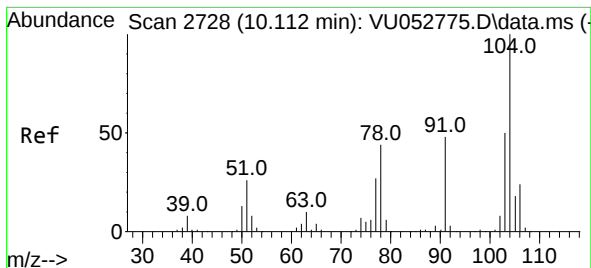


#57
4-Bromofluorobenzene
Concen: 0.780 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. 0.000 min
Lab File: VU052782.D
Acq: 24 Jan 2023 11:03

Tgt Ion: 95 Resp: 8789

Ion	Ratio	Lower	Upper
95	100		
174	86.5	66.9	100.3
176	81.3	61.9	92.9





#66

Styrene

Concen: 0.426 ug/l

RT: 10.115 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU052782.D

Acq: 24 Jan 2023 11:03

Instrument :

MSVOA_U

ClientSampleId :

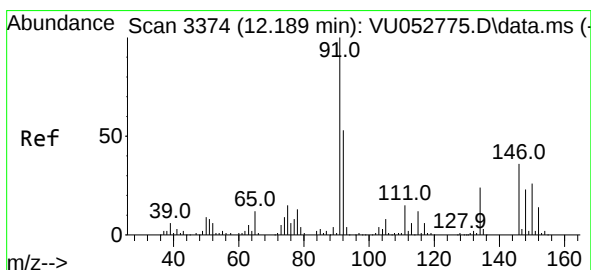
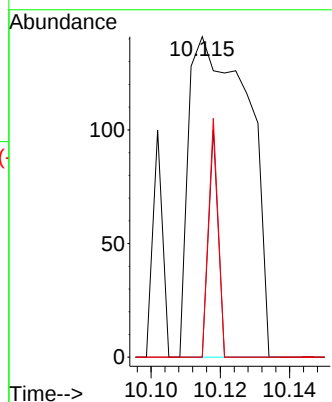
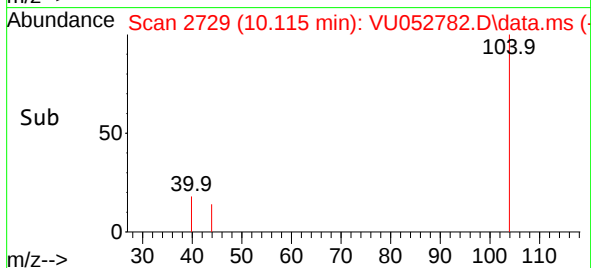
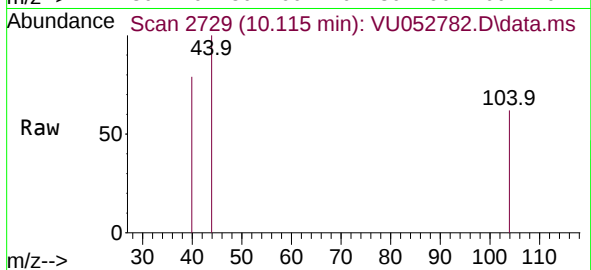
Tgt Ion:104 Resp: 167

Ion Ratio Lower Upper

104 100

78 11.4 39.6 59.4#

103 12.0 42.9 64.3#



#68

1,2-Dichlorobenzene-d4

Concen: 0.794 ug/l

RT: 12.189 min Scan# 3374

Delta R.T. 0.000 min

Lab File: VU052782.D

Acq: 24 Jan 2023 11:03

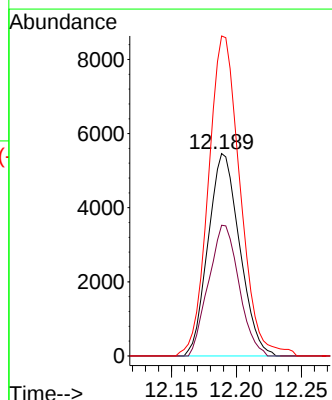
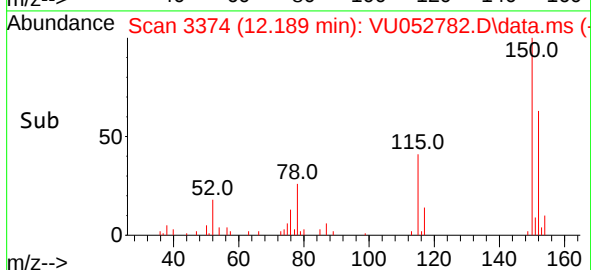
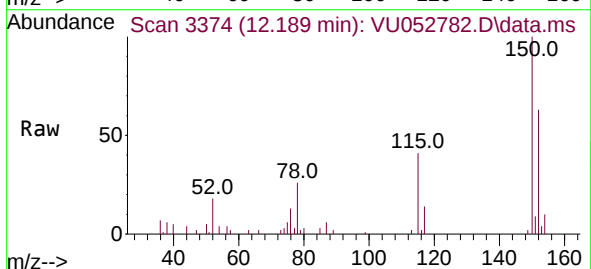
Tgt Ion:152 Resp: 9208

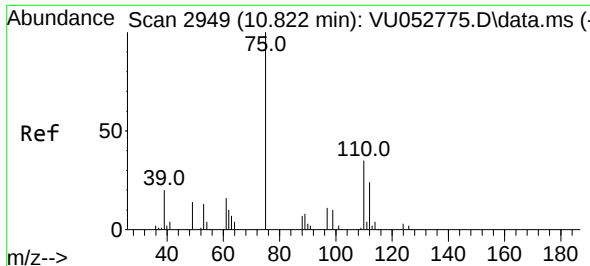
Ion Ratio Lower Upper

152 100

115 62.4 0.0 262.6

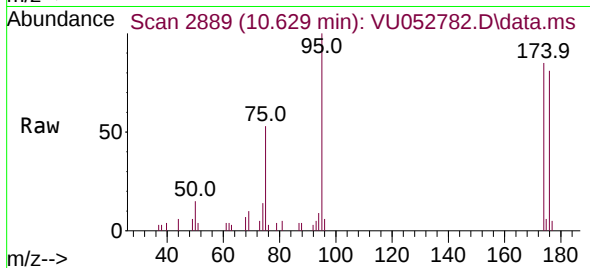
150 159.1 0.0 638.0



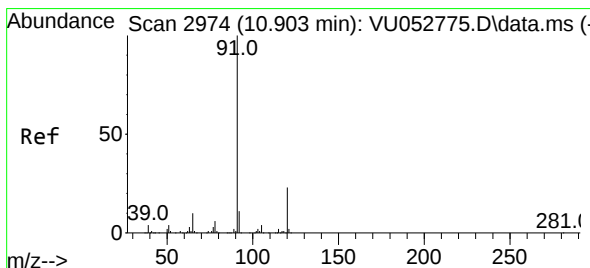
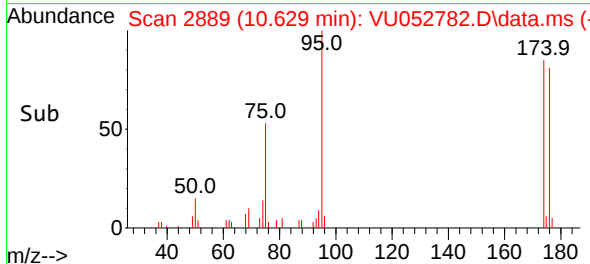
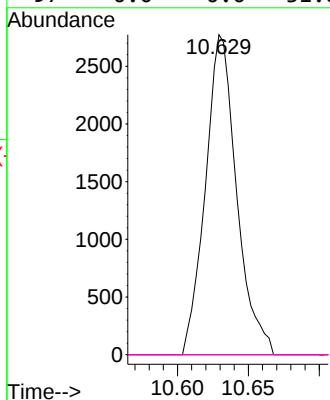


#71
1,2,3-Trichloropropane
Concen: 0.600 ug/l
RT: 10.629 min Scan# 21
Delta R.T. -0.193 min
Lab File: VU052782.D
Acq: 24 Jan 2023 11:03

Instrument :
MSVOA_U
ClientSampleId :

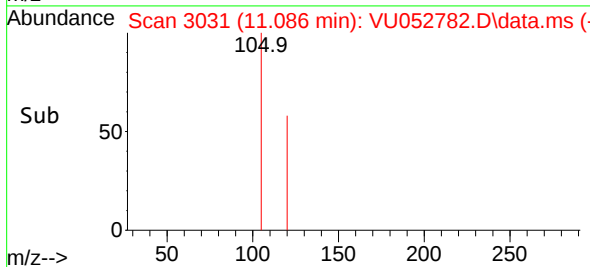
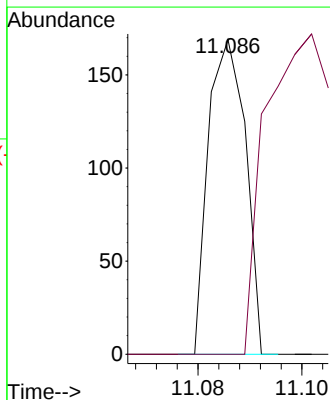
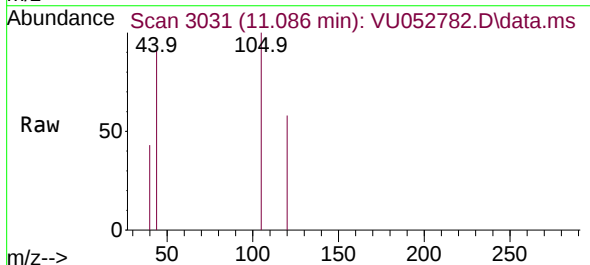


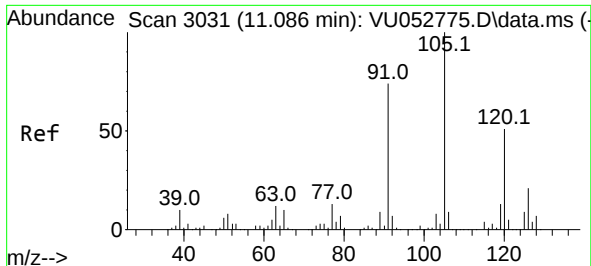
Tgt Ion: 75	Resp: 4256
Ion Ratio	Lower Upper
75 100	
77 1.2	0.0 86.0
110 0.0	0.0 63.8
97 0.0	0.0 31.8



#73
n-propylbenzene
Concen: 0.447 ug/l
RT: 11.086 min Scan# 3031
Delta R.T. 0.183 min
Lab File: VU052782.D
Acq: 24 Jan 2023 11:03

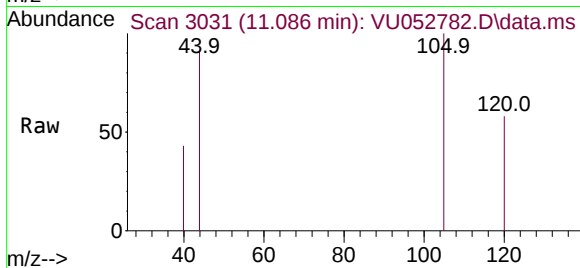
Tgt Ion:120	Resp:	84	
Ion	Ratio	Lower	Upper
120	100		
91	172.6	348.0	522.0#



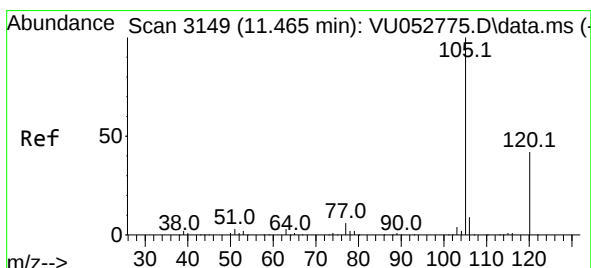
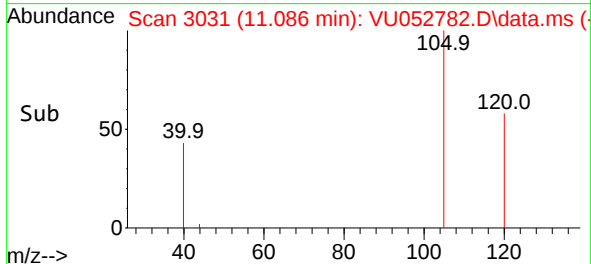
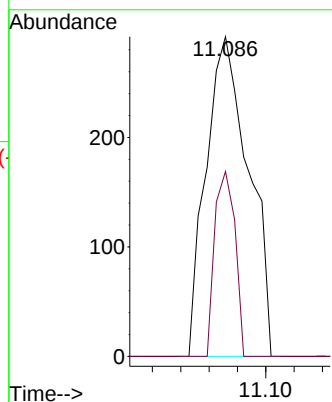


#75
1,3,5-Trimethylbenzene
Concen: 0.427 ug/l
RT: 11.086 min Scan# 3031
Delta R.T. -0.000 min
Lab File: VU052782.D
Acq: 24 Jan 2023 11:03

Instrument :
MSVOA_U
ClientSampleId :

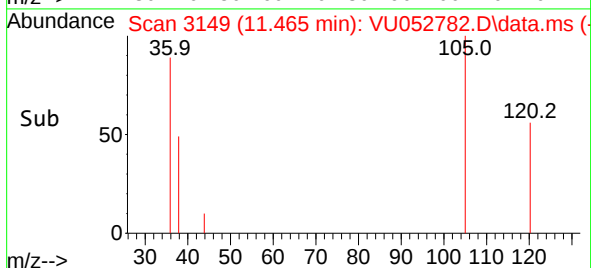
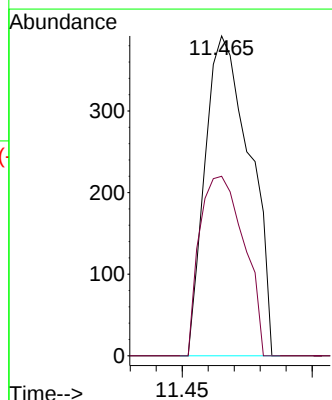
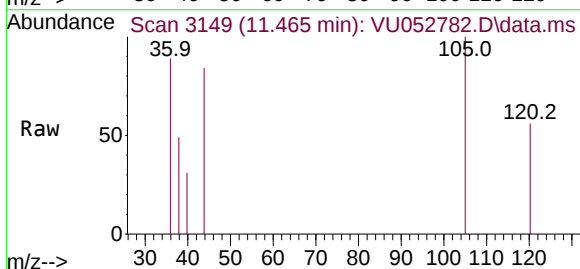


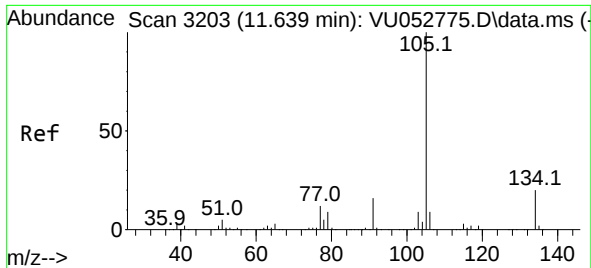
Tgt Ion:105 Resp: 305
Ion Ratio Lower Upper
105 100
120 27.5 39.9 59.9#



#78
1,2,4-Trimethylbenzene
Concen: 0.466 ug/l
RT: 11.465 min Scan# 3149
Delta R.T. 0.000 min
Lab File: VU052782.D
Acq: 24 Jan 2023 11:03

Tgt Ion:105 Resp: 469
Ion Ratio Lower Upper
105 100
120 55.7 23.4 70.3

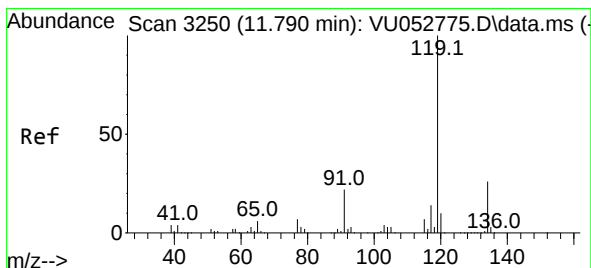
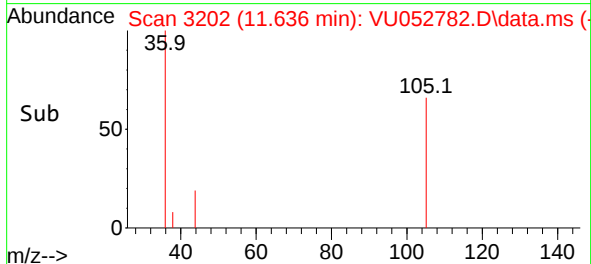
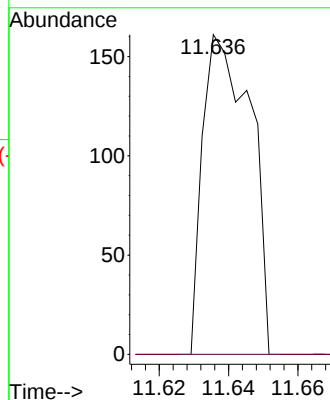
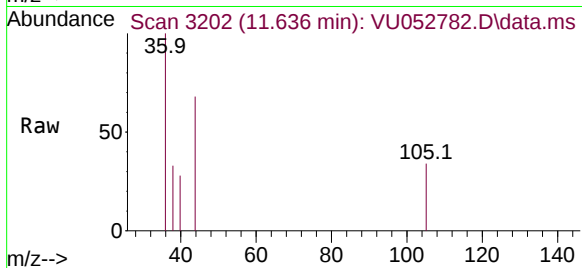




#79
 sec-Butylbenzene
 Concen: 0.432 ug/l
 RT: 11.636 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU052782.D
 Acq: 24 Jan 2023 11:03

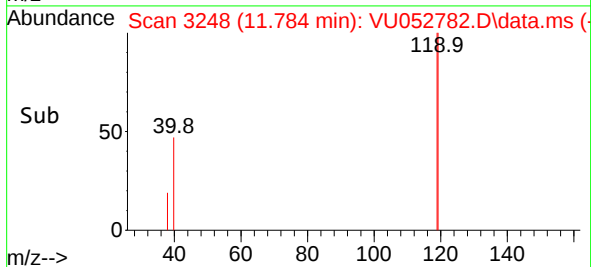
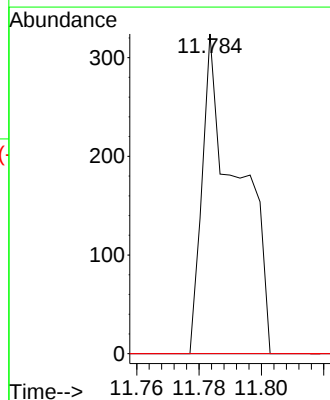
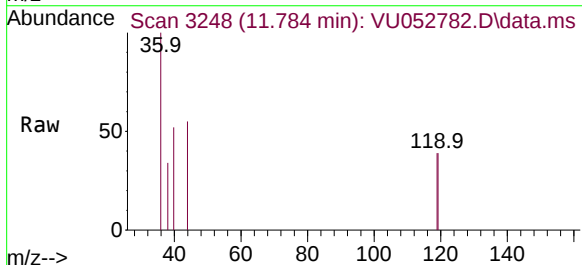
Instrument :
 MSVOA_U
 ClientSampleId :

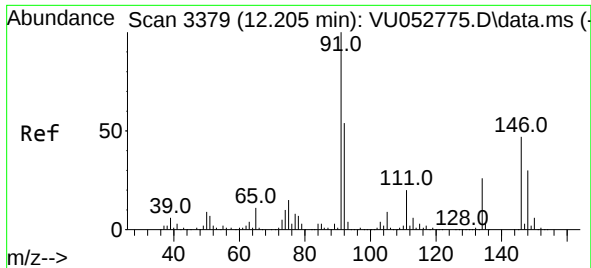
Tgt Ion:105 Resp: 154
 Ion Ratio Lower Upper
 105 100
 134 0.0 16.5 24.7#



#81
 p-Isopropyltoluene
 Concen: 0.490 ug/l
 RT: 11.784 min Scan# 3248
 Delta R.T. -0.006 min
 Lab File: VU052782.D
 Acq: 24 Jan 2023 11:03

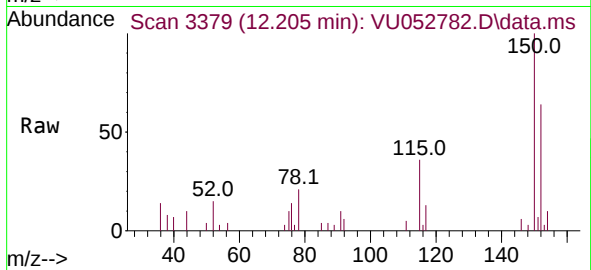
Tgt Ion:119 Resp: 258
 Ion Ratio Lower Upper
 119 100
 134 0.0 20.7 31.1#
 91 0.0 17.6 26.4#





#84
 n-Butylbenzene
 Concen: 0.563 ug/l
 RT: 12.205 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU052782.D
 Acq: 24 Jan 2023 11:03

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	91	Resp:	357
Ion	Ratio	Lower	Upper
91	100		
92	67.5	43.4	65.0#
134	5.3	21.2	31.8#

