

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021522\
 Data File : VU047147.D
 Acq On : 15 Feb 2022 12:30
 Operator : SY/MD
 Sample : N1205-10DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 17 08:03:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021422DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 15 03:17:28 2022
 Response via : Initial Calibration

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

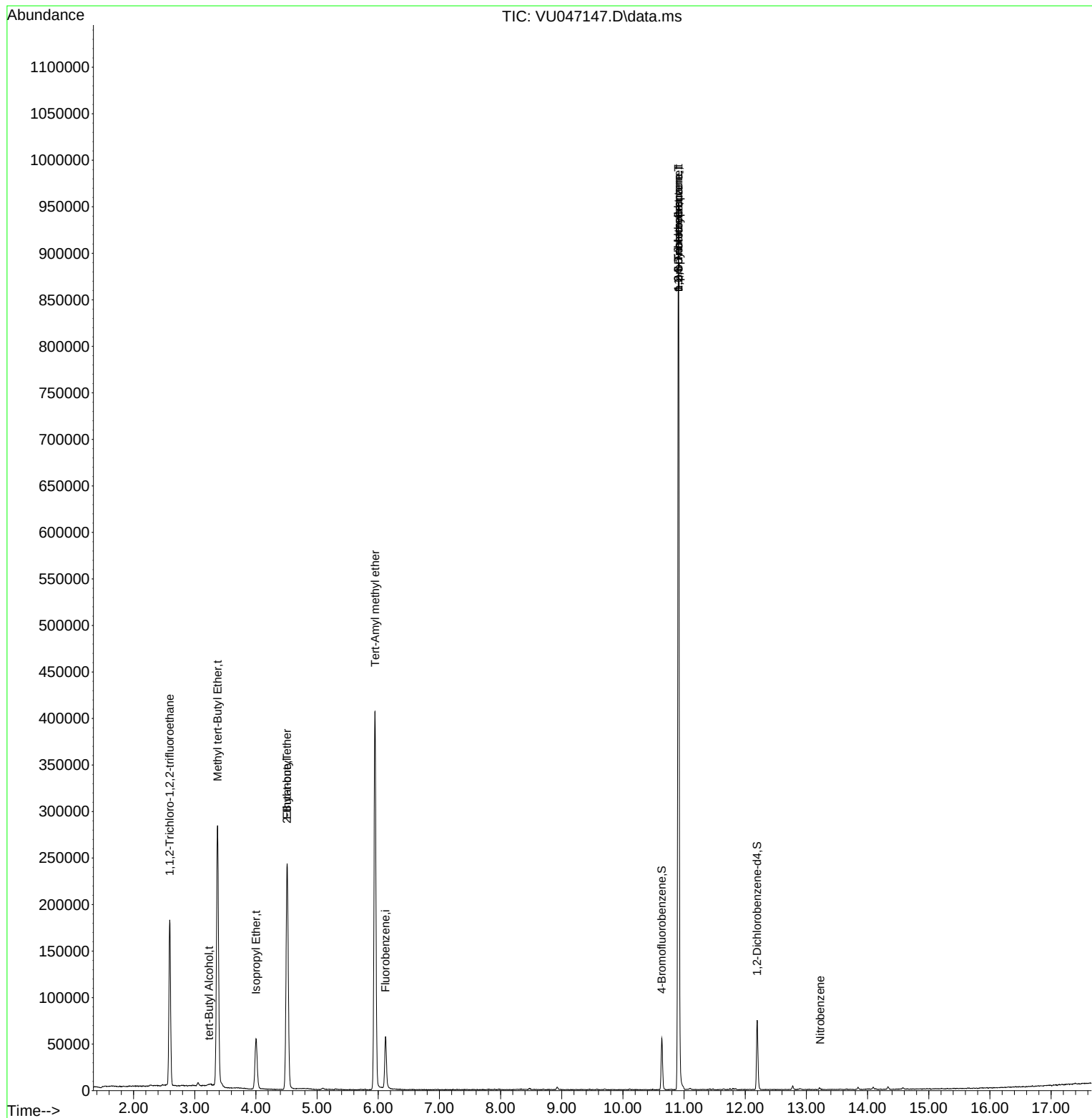
Internal Standards						
1) Fluorobenzene	6.118	96	52337	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.635	95	19459	0.960	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	20550	0.973	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.000%	
Target Compounds						
					Qvalue	
8) 1,1,2-Trichloro-1,2,2-...	2.591	101	71468	5.946	ug/l	94
13) Acetone	2.642	43	136	Below Cal	#	41
18) 2-Butanone	4.507	43	27436	7.500	ug/l #	1
24) tert-Butyl Alcohol	3.234	59	2474	3.805	ug/l #	77
25) Methyl tert-Butyl Ether	3.372	73	322692	9.302	ug/l	99
31) Isopropyl Ether	4.002	45	59214	1.548	ug/l	97
32) Ethyl-t-butyl ether	4.510	59	261065	6.712	ug/l	98
33) Tert-Amyl methyl ether	5.948	73	356054	9.939	ug/l	98
46) t-1,4-Dichloro-2-butene	10.909	75	4599	1.015	ug/l #	1
71) 1,2,3-Trichloropropane	10.909	75	4599	0.367	ug/l #	1
73) n-propylbenzene	10.909	120	178426	9.576	ug/l	88
75) 1,3,5-Trimethylbenzene	10.909	105	27203	0.490	ug/l #	1
80) Nitrobenzene	13.227	77	151	0.211	ug/l #	42

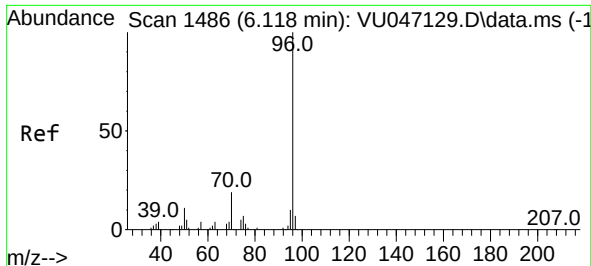
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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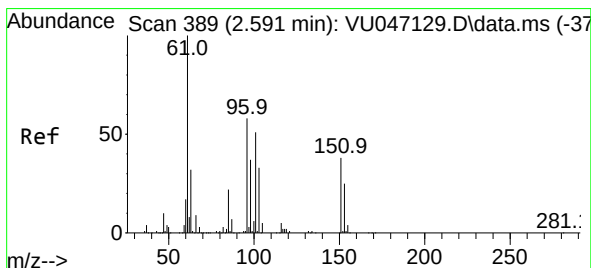
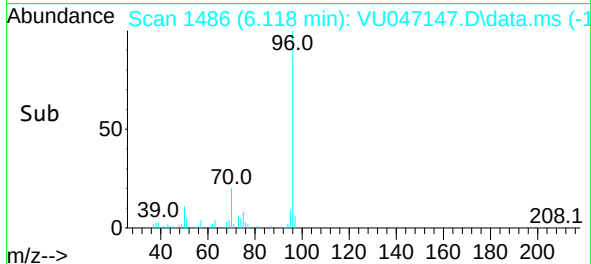
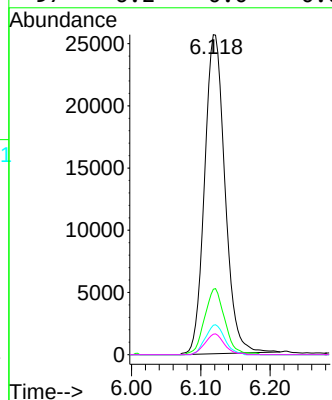
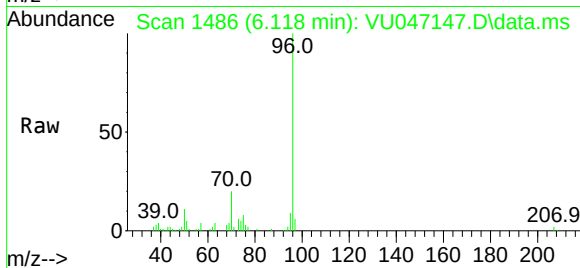




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.118 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VU047147.D
Acq: 15 Feb 2022 12:30

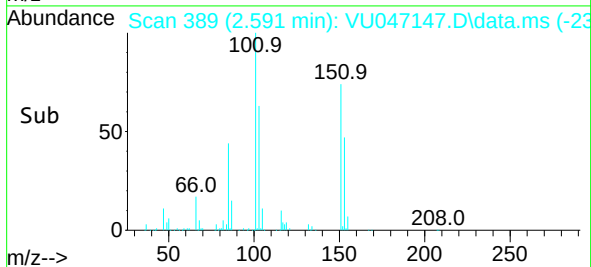
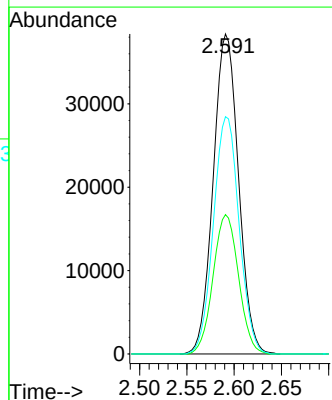
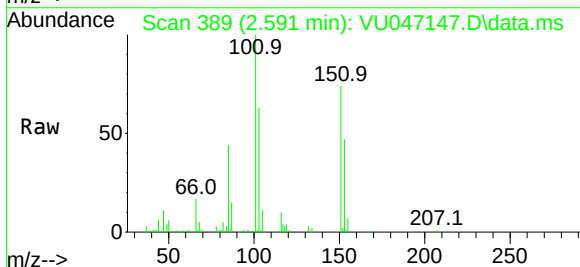
Instrument :
MSVOA_U
ClientSampleId :

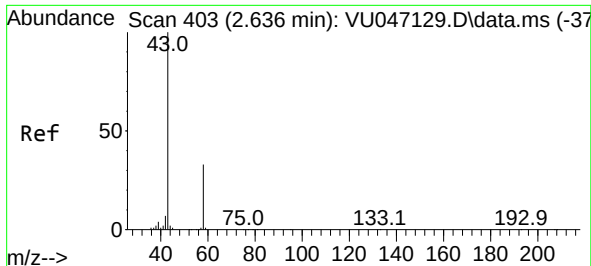
Tgt Ion: 96 Resp: 52337
Ion Ratio Lower Upper
96 100
70 20.6 16.8 25.2
95 8.9 7.3 10.9
97 6.2 0.0 0.0#



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.946 ug/l
RT: 2.591 min Scan# 389
Delta R.T. -0.000 min
Lab File: VU047147.D
Acq: 15 Feb 2022 12:30

Tgt Ion:101 Resp: 71468
Ion Ratio Lower Upper
101 100
85 43.8 35.8 53.6
151 75.4 54.6 81.8





#13

Acetone

Concen: Below Cal

RT: 2.642 min Scan# 403

Delta R.T. 0.006 min

Lab File: VU047147.D

Acq: 15 Feb 2022 12:30

Instrument :

MSVOA_U

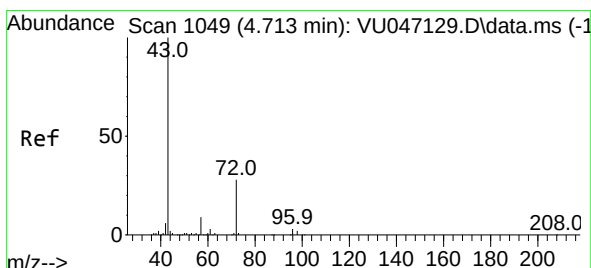
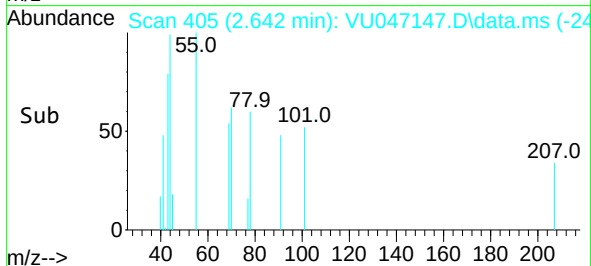
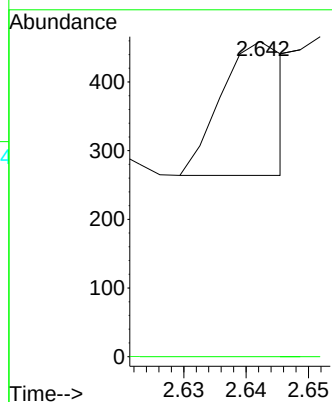
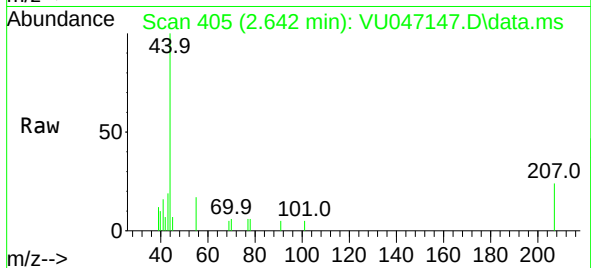
ClientSampleId :

Tgt Ion: 43 Resp: 136

Ion Ratio Lower Upper

43 100

58 0.0 27.1 40.7#



#18

2-Butanone

Concen: 7.500 ug/l

RT: 4.507 min Scan# 985

Delta R.T. -0.206 min

Lab File: VU047147.D

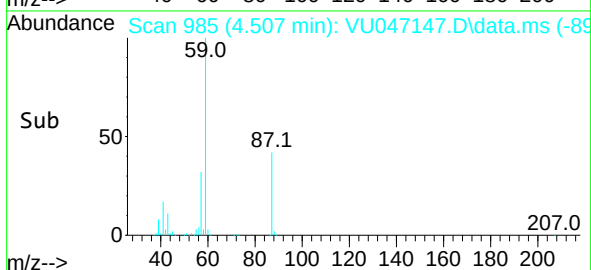
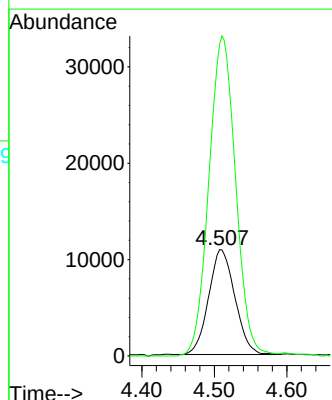
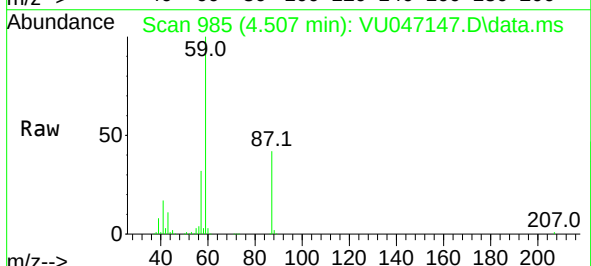
Acq: 15 Feb 2022 12:30

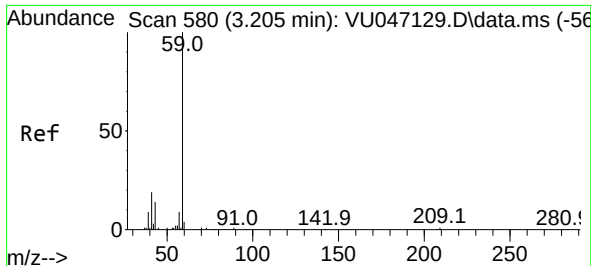
Tgt Ion: 43 Resp: 27436

Ion Ratio Lower Upper

43 100

57 296.0 0.0 16.6#

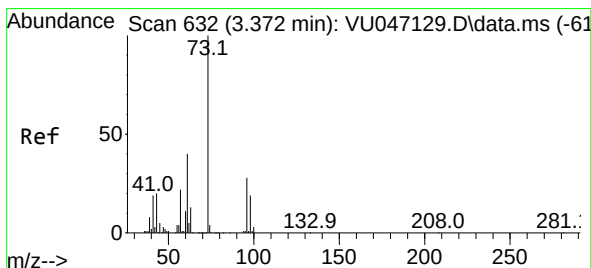
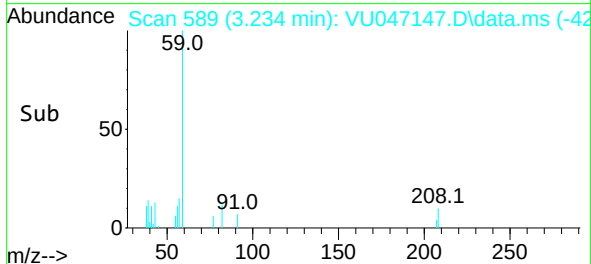
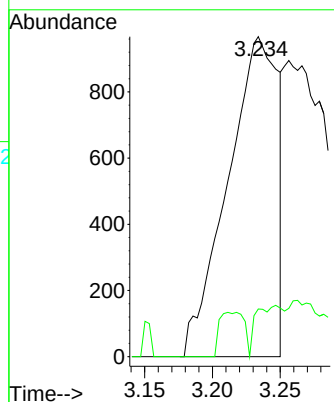
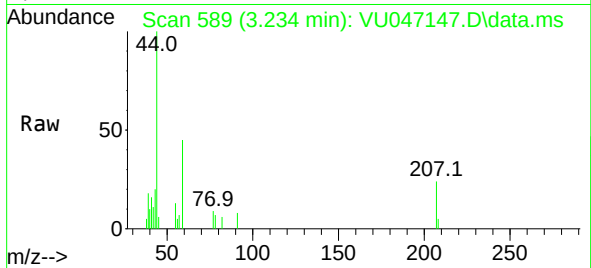




#24
tert-Butyl Alcohol
Concen: 3.805 ug/l
RT: 3.234 min Scan# 580
Delta R.T. 0.029 min
Lab File: VU047147.D
Acq: 15 Feb 2022 12:30

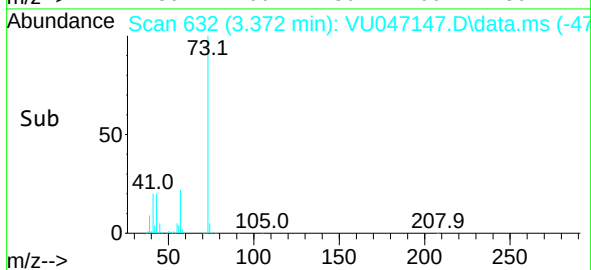
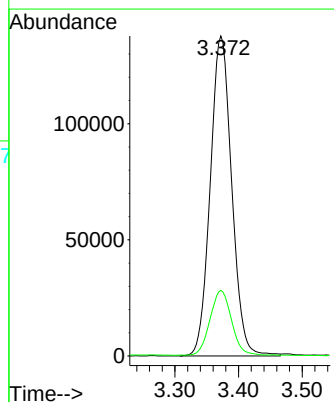
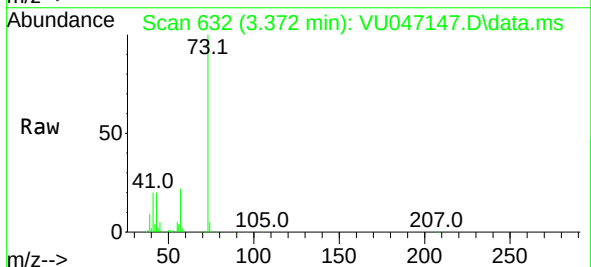
Instrument :
MSVOA_U
ClientSampleId :

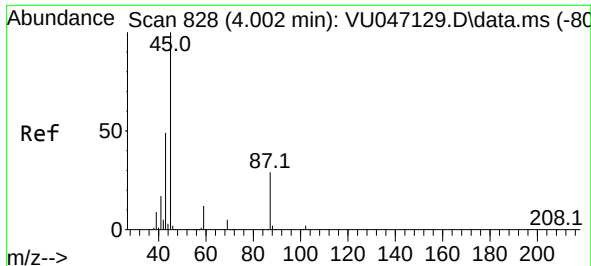
Tgt Ion: 59 Resp: 2474
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7#



#25
Methyl tert-Butyl Ether
Concen: 9.302 ug/l
RT: 3.372 min Scan# 632
Delta R.T. -0.000 min
Lab File: VU047147.D
Acq: 15 Feb 2022 12:30

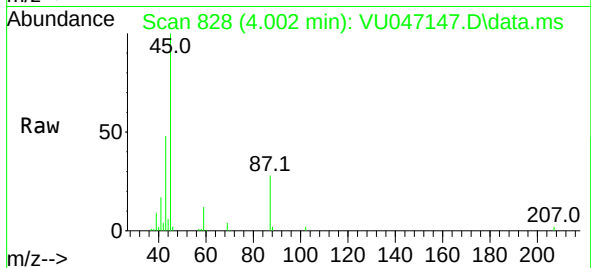
Tgt Ion: 73 Resp: 322692
Ion Ratio Lower Upper
73 100
43 20.1 16.3 24.5



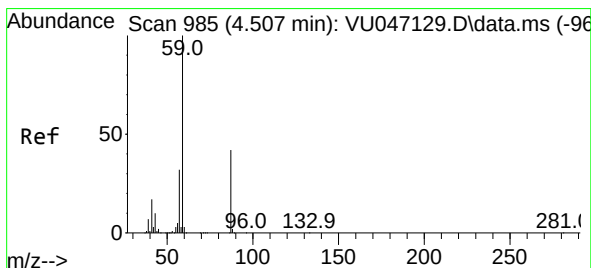
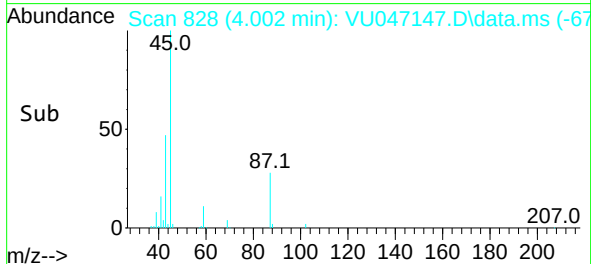
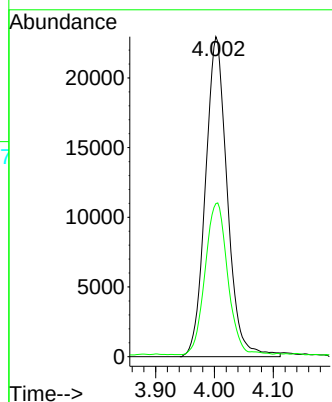


#31
Isopropyl Ether
Concen: 1.548 ug/l
RT: 4.002 min Scan# 81
Delta R.T. -0.000 min
Lab File: VU047147.D
Acq: 15 Feb 2022 12:30

Instrument :
MSVOA_U
ClientSampleId :

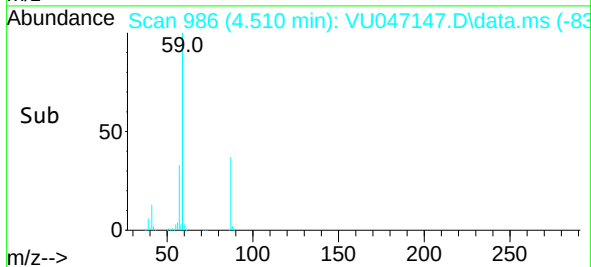
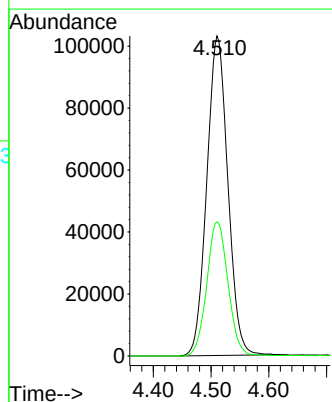
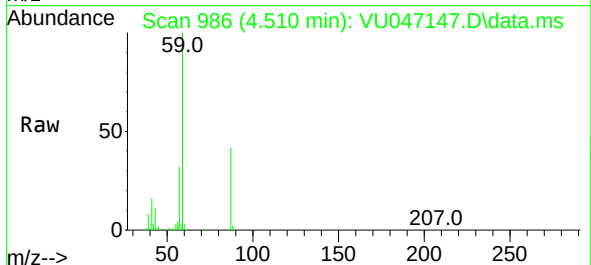


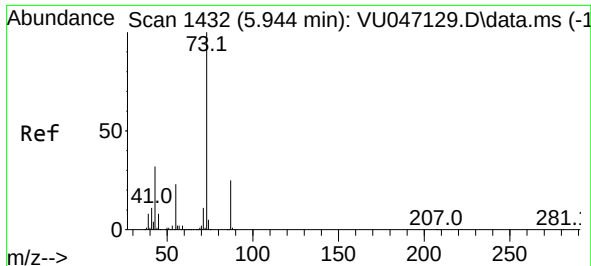
Tgt Ion: 45 Resp: 59214
Ion Ratio Lower Upper
45 100
43 48.4 25.3 75.8



#32
Ethyl-t-butyl ether
Concen: 6.712 ug/l
RT: 4.510 min Scan# 986
Delta R.T. 0.003 min
Lab File: VU047147.D
Acq: 15 Feb 2022 12:30

Tgt Ion: 59 Resp: 261065
Ion Ratio Lower Upper
59 100
87 42.2 32.7 49.1

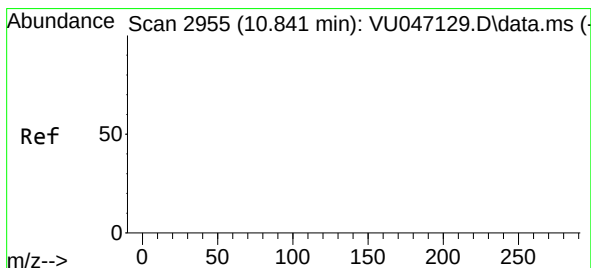
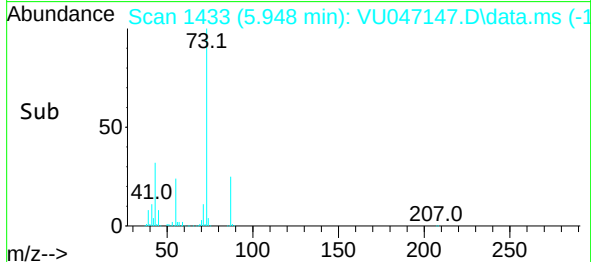
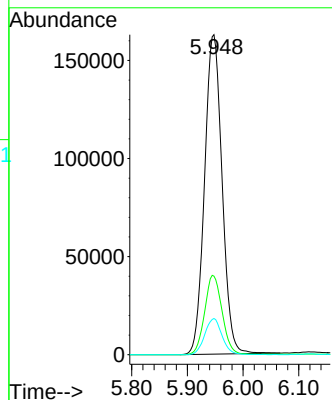
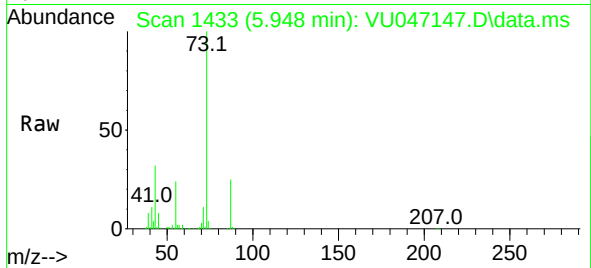




#33
Tert-Amyl methyl ether
Concen: 9.939 ug/l
RT: 5.948 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU047147.D
Acq: 15 Feb 2022 12:30

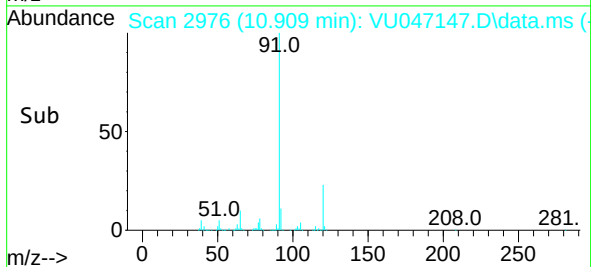
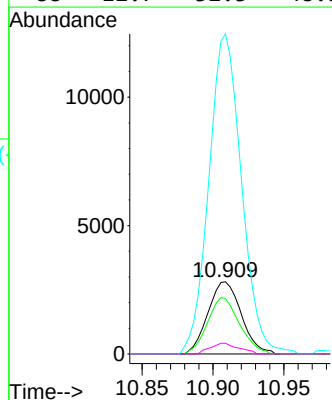
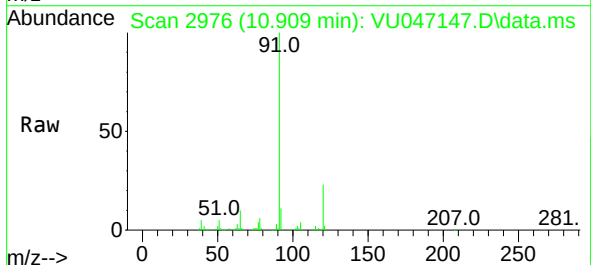
Instrument :
MSVOA_U
ClientSampleId :

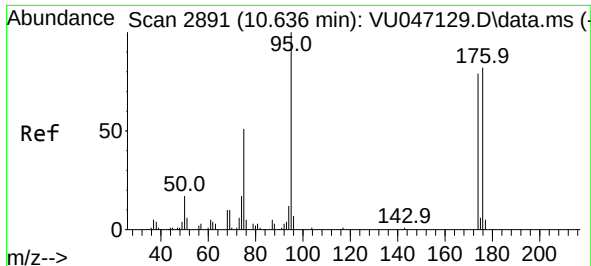
Tgt Ion: 73 Resp: 356054
Ion Ratio Lower Upper
73 100
87 24.5 18.6 28.0
71 11.1 9.0 13.6



#46
t-1,4-Dichloro-2-butene
Concen: 1.015 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.067 min
Lab File: VU047147.D
Acq: 15 Feb 2022 12:30

Tgt Ion: 75 Resp: 4599
Ion Ratio Lower Upper
75 100
53 74.8 66.8 100.2
89 434.8 41.7 62.5#
88 12.7 32.3 48.5#





#57

4-Bromofluorobenzene

Concen: 0.960 ug/l

RT: 10.635 min Scan# 2891

Delta R.T. -0.000 min

Lab File: VU047147.D

Acq: 15 Feb 2022 12:30

Instrument :

MSVOA_U

ClientSampleId :

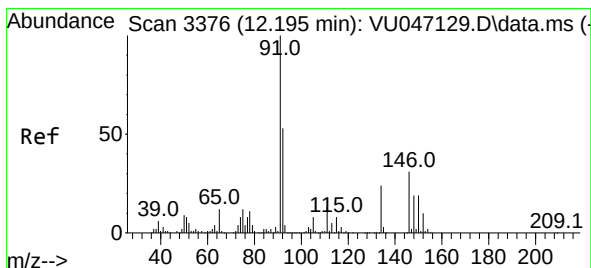
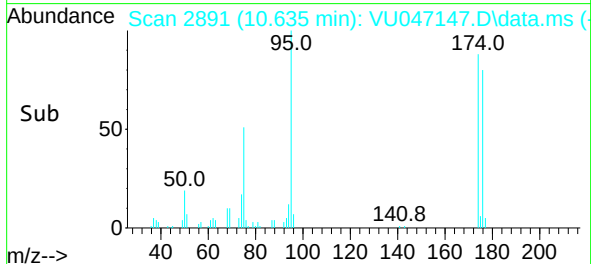
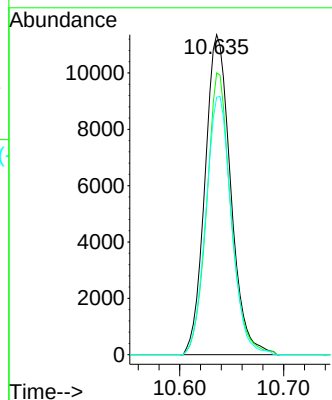
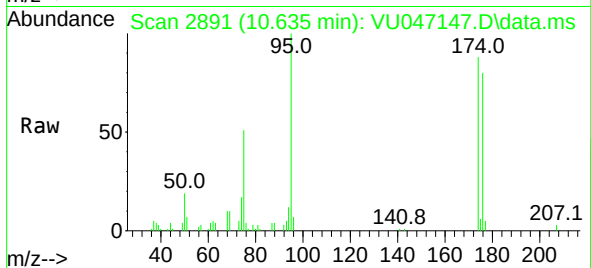
Tgt Ion: 95 Resp: 19459

Ion Ratio Lower Upper

95 100

174 83.0 56.6 84.8

176 80.4 54.3 81.5



#68

1,2-Dichlorobenzene-d4

Concen: 0.973 ug/l

RT: 12.195 min Scan# 3376

Delta R.T. -0.000 min

Lab File: VU047147.D

Acq: 15 Feb 2022 12:30

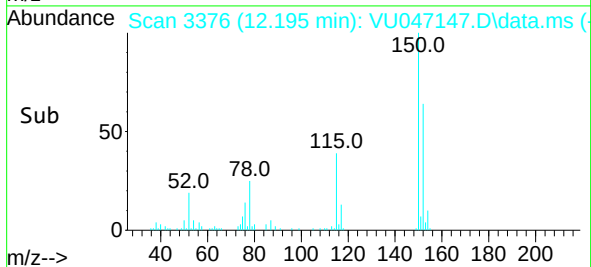
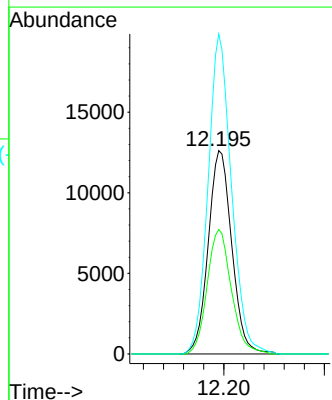
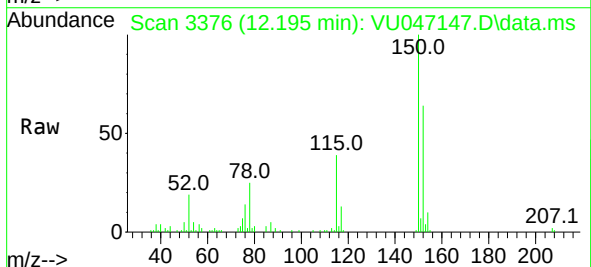
Tgt Ion: 152 Resp: 20550

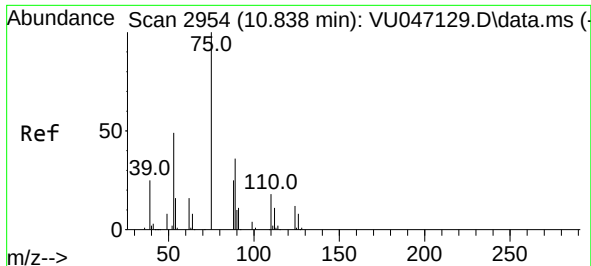
Ion Ratio Lower Upper

152 100

115 62.7 0.0 251.0

150 155.9 0.0 613.8

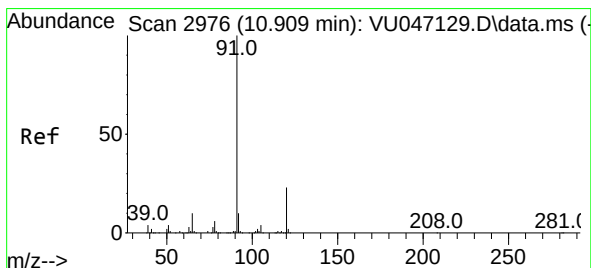
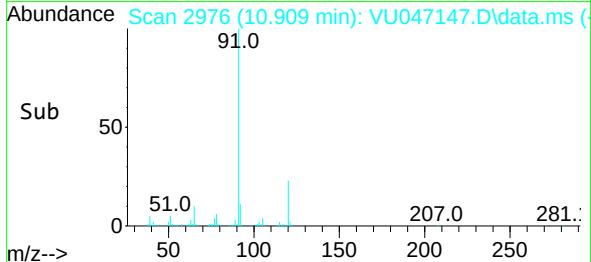
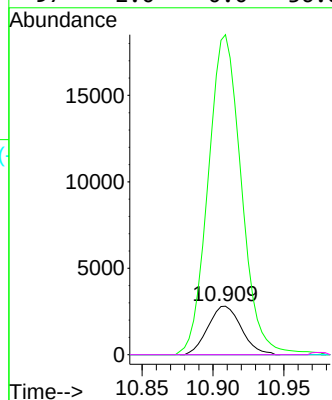
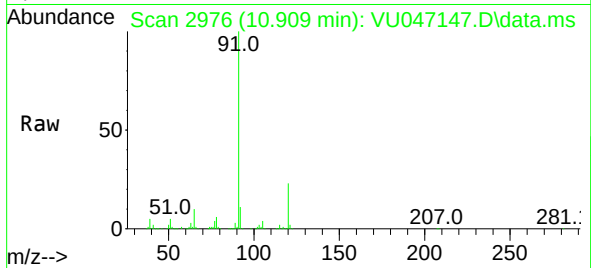




#71
1,2,3-Trichloropropane
Concen: 0.367 ug/l
RT: 10.909 min Scan# 2954
Delta R.T. 0.071 min
Lab File: VU047147.D
Acq: 15 Feb 2022 12:30

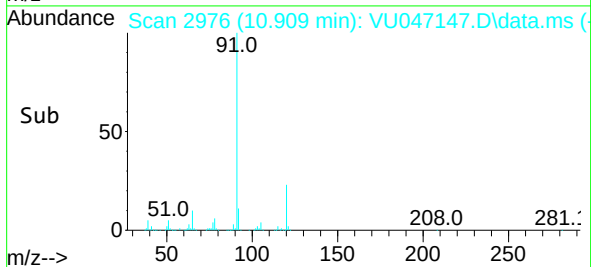
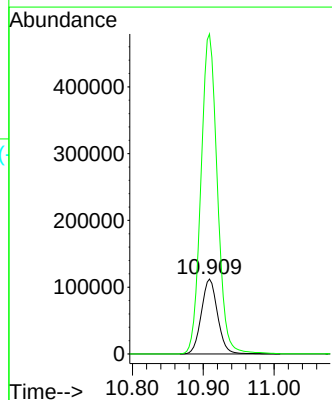
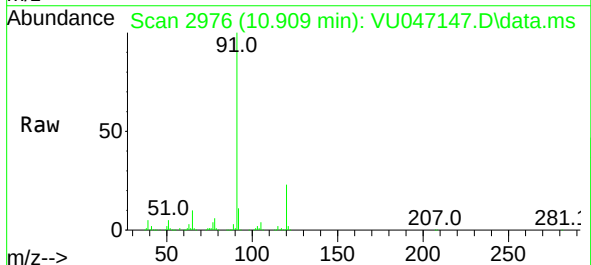
Instrument :
MSVOA_U
ClientSampleId :

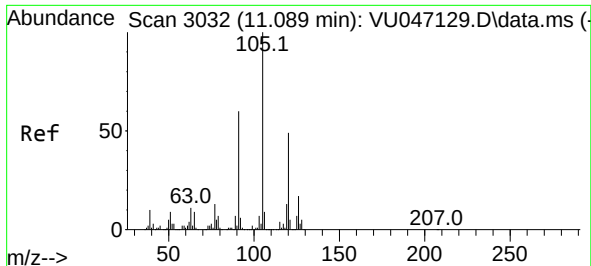
Tgt Ion: 75 Resp: 4599
Ion Ratio Lower Upper
75 100
77 657.4 0.0 105.6#
110 0.0 0.0 71.2
97 2.0 0.0 36.8



#73
n-propylbenzene
Concen: 9.576 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. -0.000 min
Lab File: VU047147.D
Acq: 15 Feb 2022 12:30

Tgt Ion:120 Resp: 178426
Ion Ratio Lower Upper
120 100
91 432.5 370.7 556.1

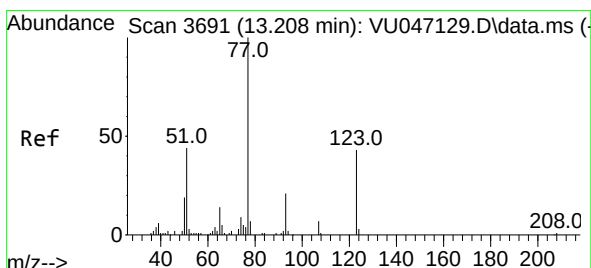
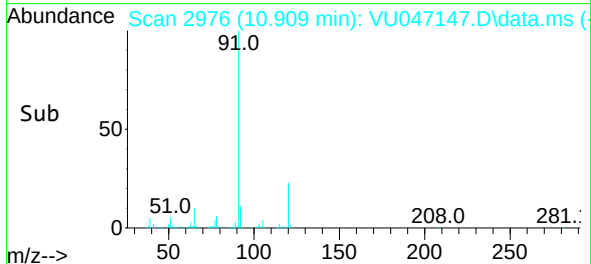
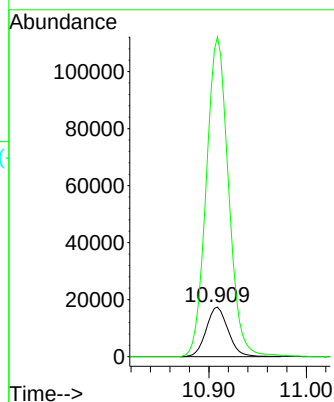
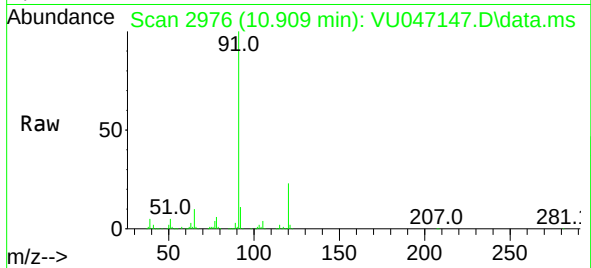




#75
1,3,5-Trimethylbenzene
Concen: 0.490 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. -0.180 min
Lab File: VU047147.D
Acq: 15 Feb 2022 12:30

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 27203
Ion Ratio Lower Upper
105 100
120 655.9 38.6 58.0#



#80
Nitrobenzene
Concen: 0.211 ug/l
RT: 13.227 min Scan# 3697
Delta R.T. 0.019 min
Lab File: VU047147.D
Acq: 15 Feb 2022 12:30

Tgt Ion: 77 Resp: 151
Ion Ratio Lower Upper
77 100
123 0.0 18.2 64.4#
65 0.0 12.0 15.2#

