

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 :
 PT-ADD-WSDL

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/18/2022
 Supervised By : Mahesh Dadoda 02/18/2022

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
24) tert-Butyl Alcohol	3.234	59	5177m	7.962	ug/l	
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
73) n-propylbenzene	10.909	120	178426	9.576	ug/l	88

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

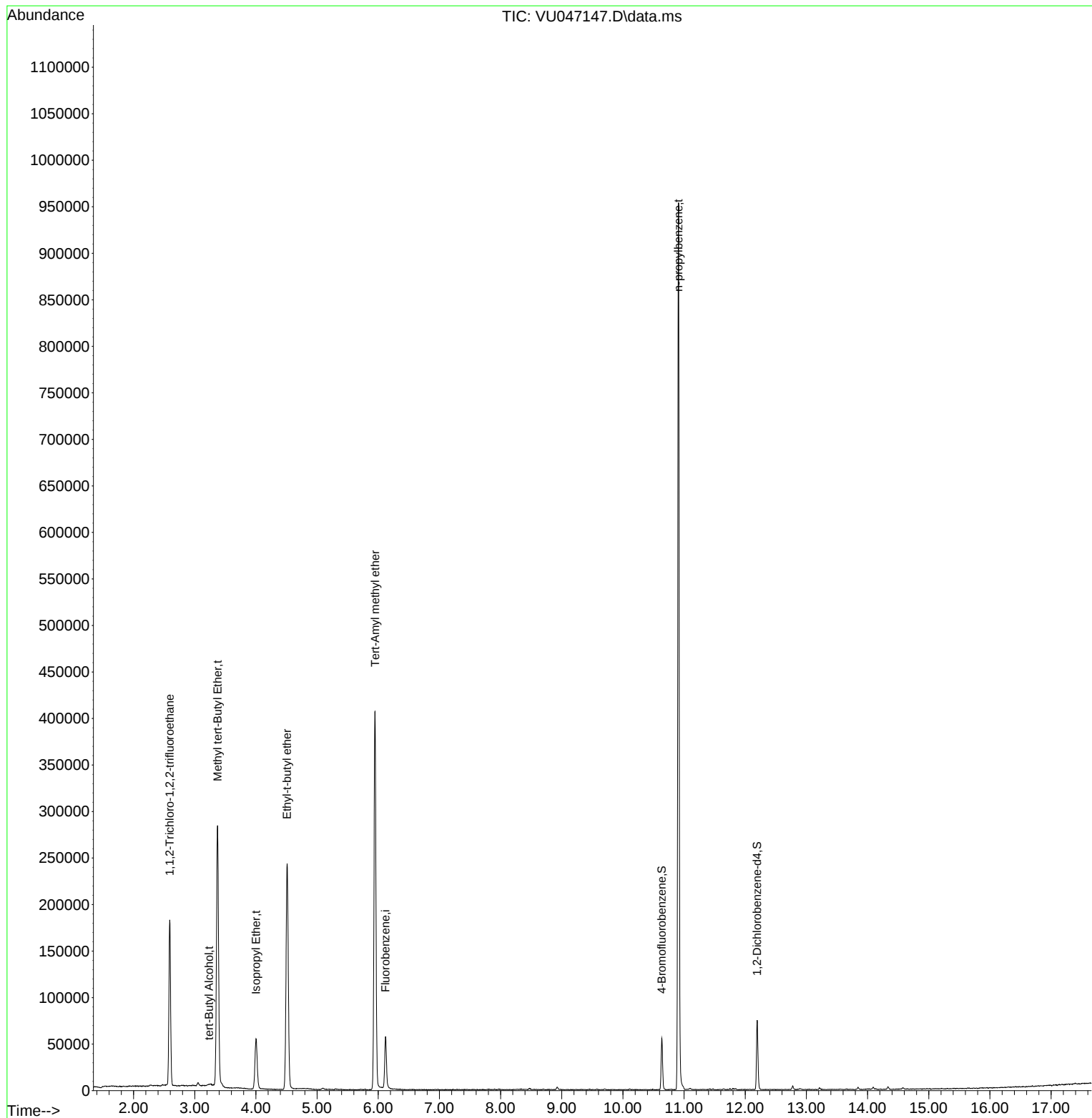
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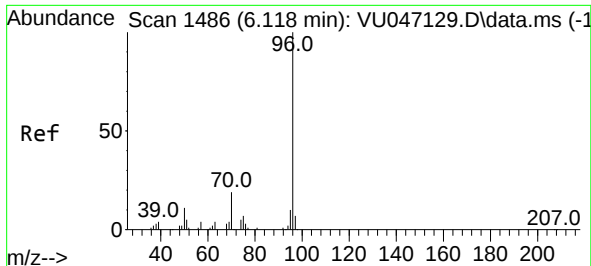
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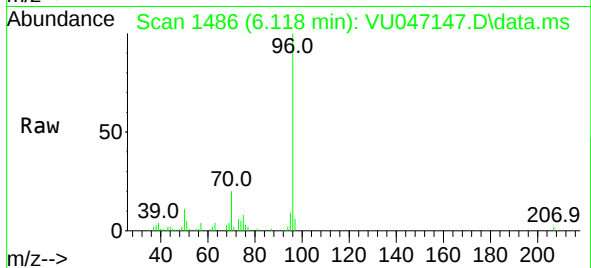
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021422DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Feb 15 03:17:28 2022
Response via : Initial Calibration





#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

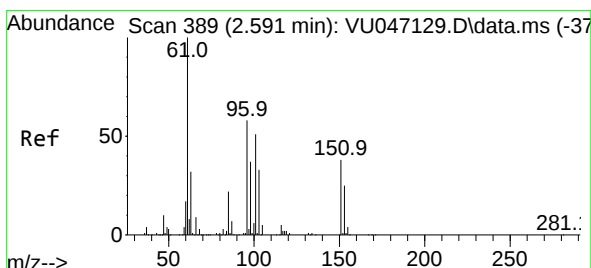
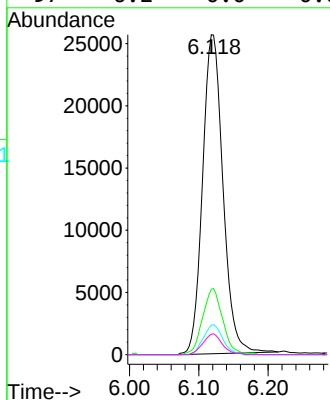
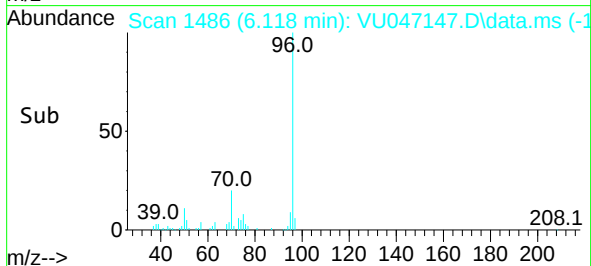
Instrument :
MSVOA_U
ClientSampleId :
PT-ADD-WSDL



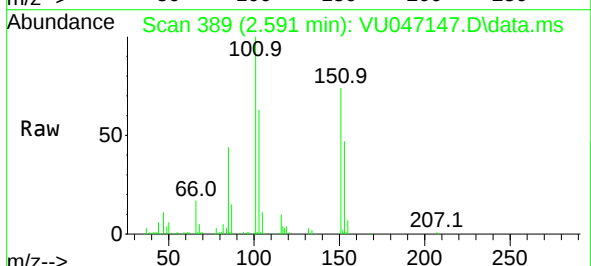
Tgt Ion: 96 Resp: 5233
Ion Ratio Lower Upper
96 100
70 20.6 16.8 25.2
95 8.9 7.3 10.9
97 6.2 0.0 0.0#

Manual Integrations
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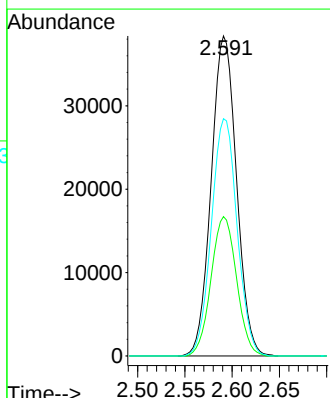
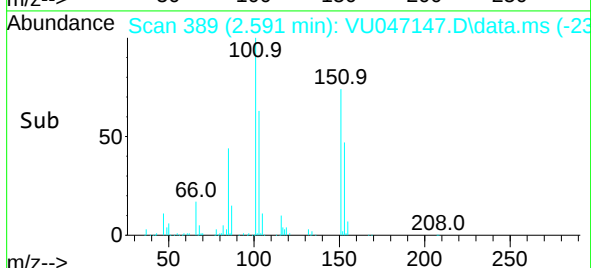
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022

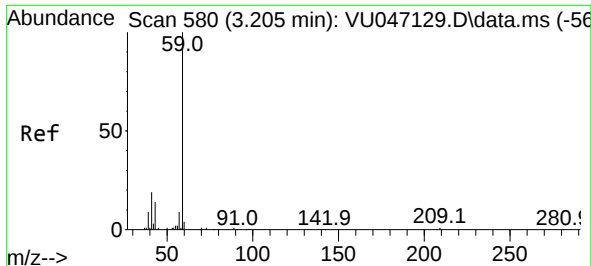


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.946 ug/l
RT: 2.591 min Scan# 389
Delta R.T. -0.000 min
Lab File: VU047147.D
Acq: 15 Feb 2022 12:30



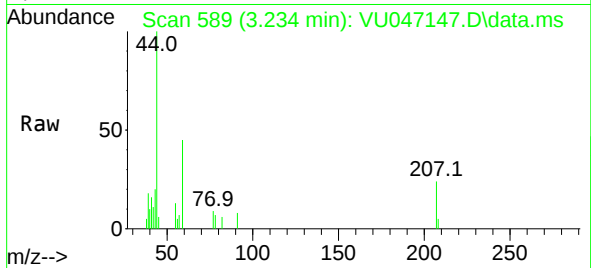
Tgt Ion:101 Resp: 71468
Ion Ratio Lower Upper
101 100
85 43.8 35.8 53.6
151 75.4 54.6 81.8





#24
tert-Butyl Alcohol
Concen: 7.962 ug/l m
RT: 3.234 min Scan# 580
Delta R.T. 0.029 min
Lab File: VU047147.D
Acq: 15 Feb 2022 12:30

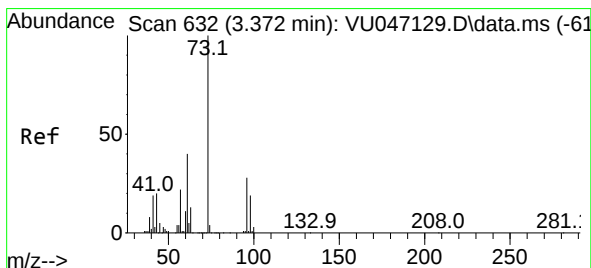
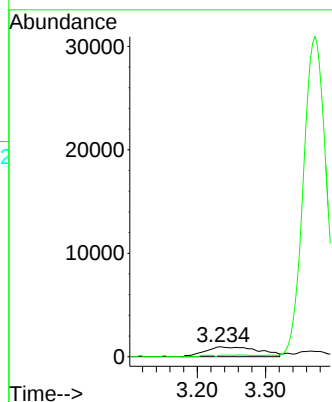
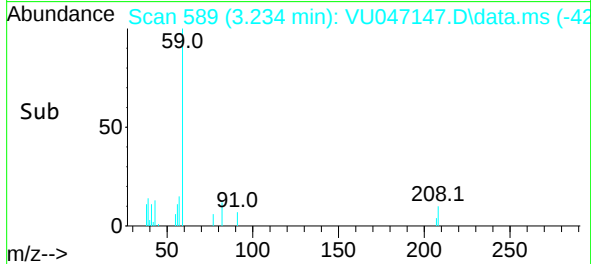
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ClientSampleId :
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Tgt Ion: 59 Resp: 517
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7

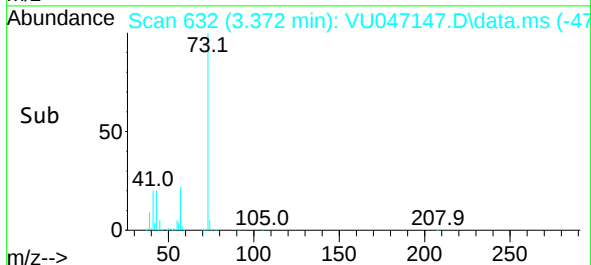
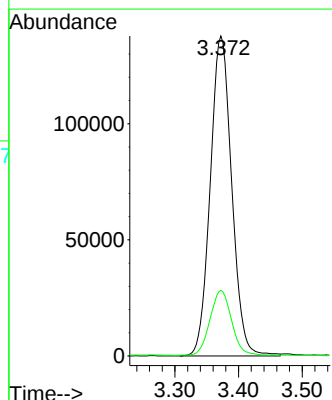
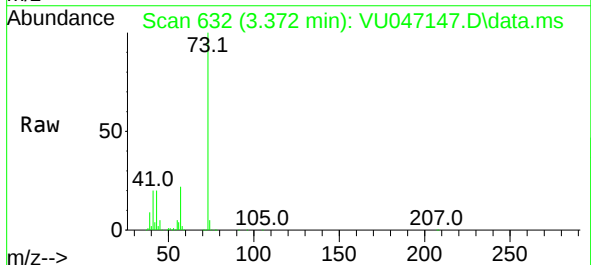
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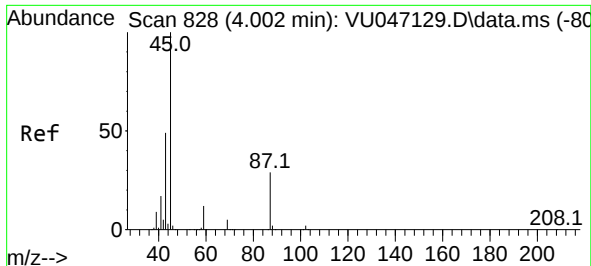
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022



#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

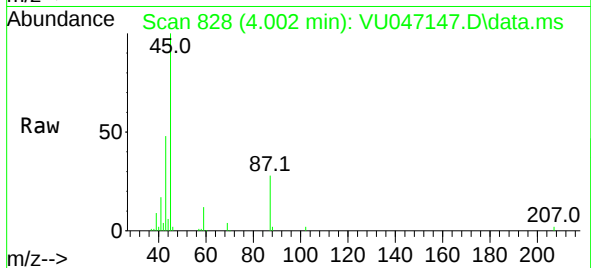
Tgt Ion: 73 Resp: 322692
Ion Ratio Lower Upper
73 100
43 20.1 16.3 24.5





#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

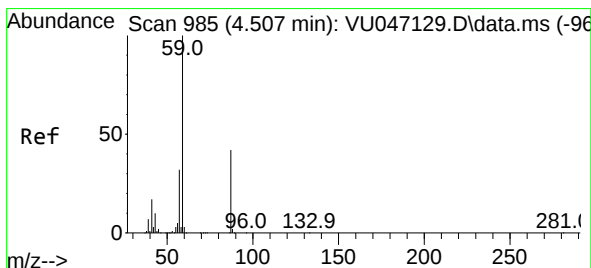
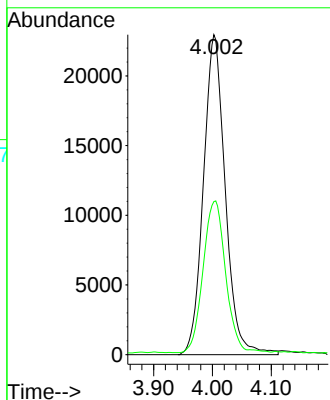
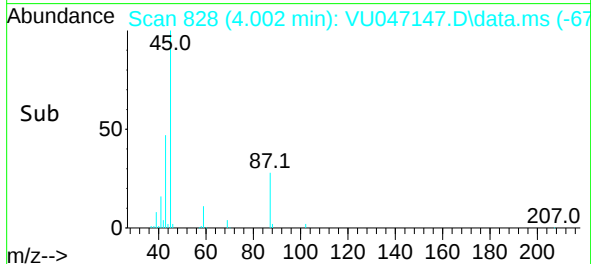
Instrument :
MSVOA_U
ClientSampleId :
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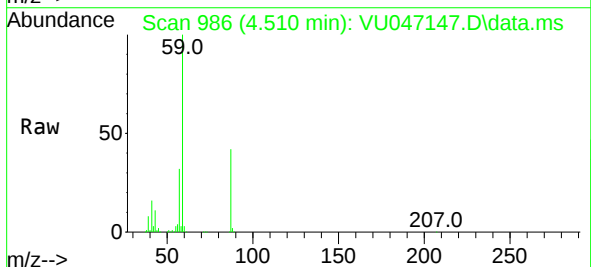
Tgt Ion: 45 Resp: 59214
Ion Ratio Lower Upper
45 100
43 48.4 25.3 75.8

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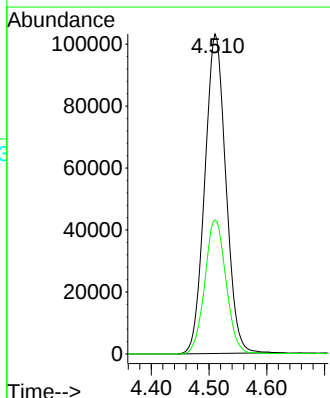
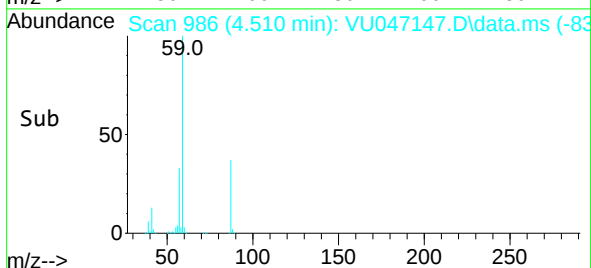
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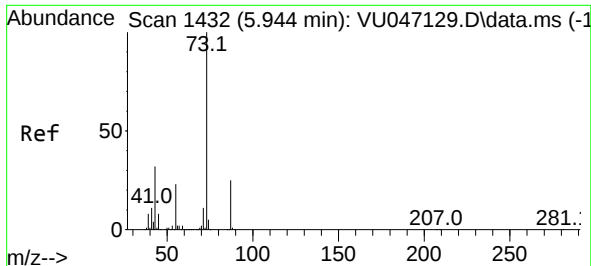


#32
Ethyl-t-butyl ether
Concen: 6.712 ug/l
RT: 4.510 min Scan# 986
Delta R.T. 0.003 min
Lab File: VU047147.D
Acq: 15 Feb 2022 12:30



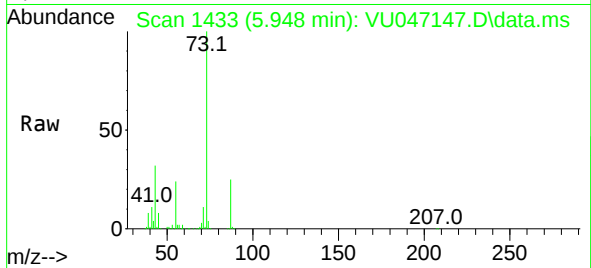
Tgt Ion: 59 Resp: 261065
Ion Ratio Lower Upper
59 100
87 42.2 32.7 49.1





#33
Tert-Amyl methyl ether
Concen: 9.939 ug/l
RT: 5.948 min Scan# 1432
Delta R.T. 0.003 min
Lab File: VU047147.D
Acq: 15 Feb 2022 12:30

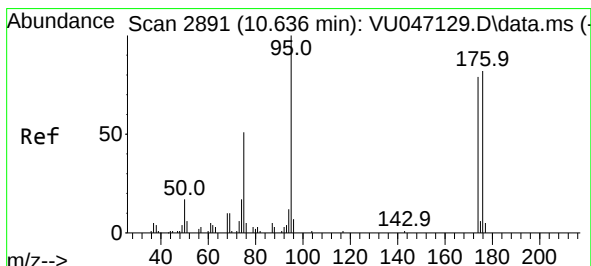
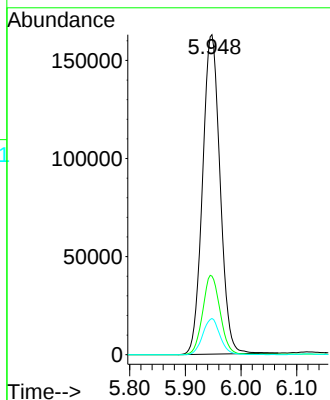
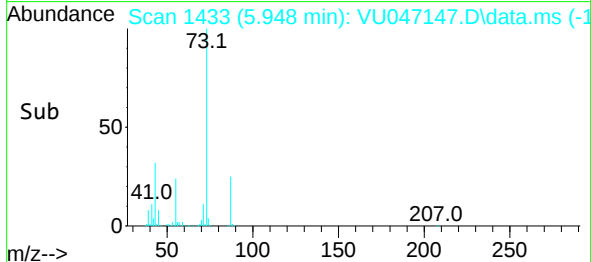
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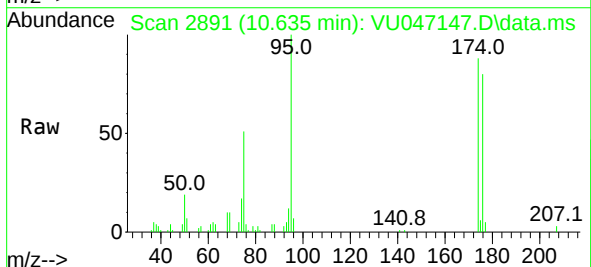
Tgt Ion: 73 Resp: 356054
Ion Ratio Lower Upper
73 100
87 24.5 18.6 28.0
71 11.1 9.0 13.6

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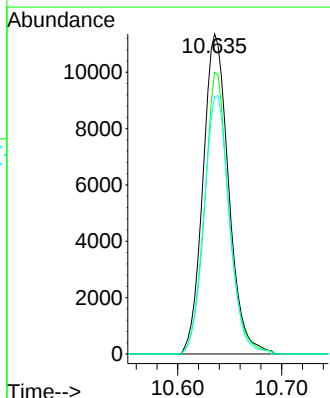
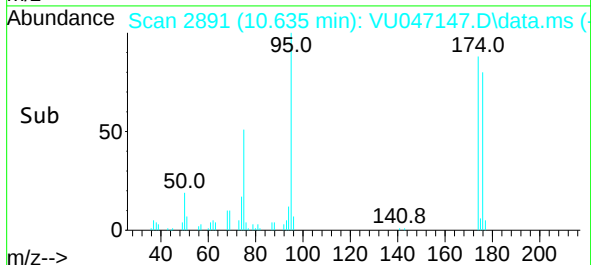
Reviewed By :John Carlone 02/18/2022
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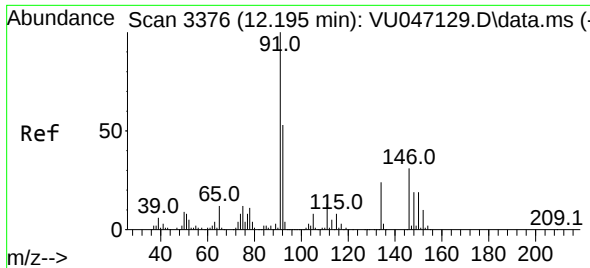


#57
4-Bromofluorobenzene
Concen: 0.960 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.000 min
Lab File: VU047147.D
Acq: 15 Feb 2022 12:30



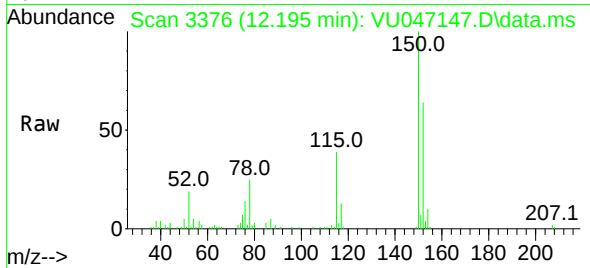
Tgt Ion: 95 Resp: 19459
Ion Ratio Lower Upper
95 100
174 83.0 56.6 84.8
176 80.4 54.3 81.5





#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

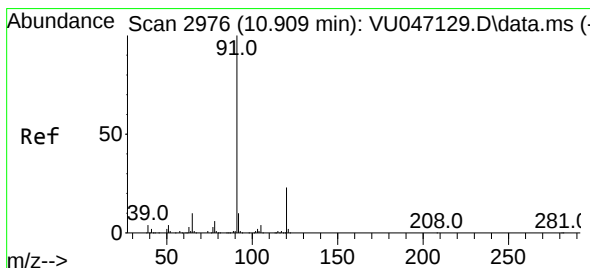
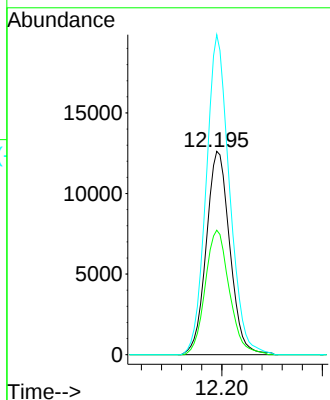
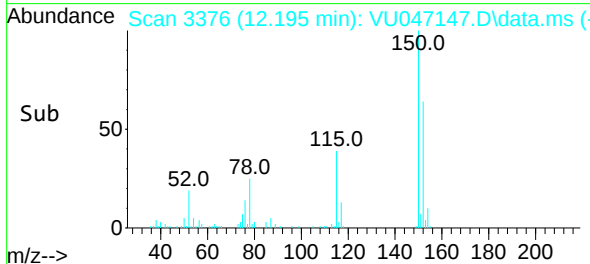
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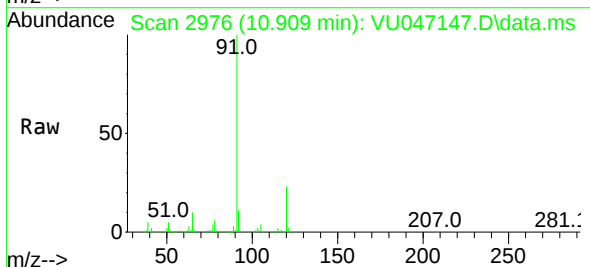
Tgt Ion:152 Resp: 20550
Ion Ratio Lower Upper
152 100
115 62.7 0.0 251.0
150 155.9 0.0 613.8

Manual Integrations
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#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

