

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022122\
 Data File : VU047227.D
 Acq On : 21 Feb 2022 12:52
 Operator : SY/MD
 Sample : N1205-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PT-ADD-WS

Quant Time: Feb 22 03:59:37 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)

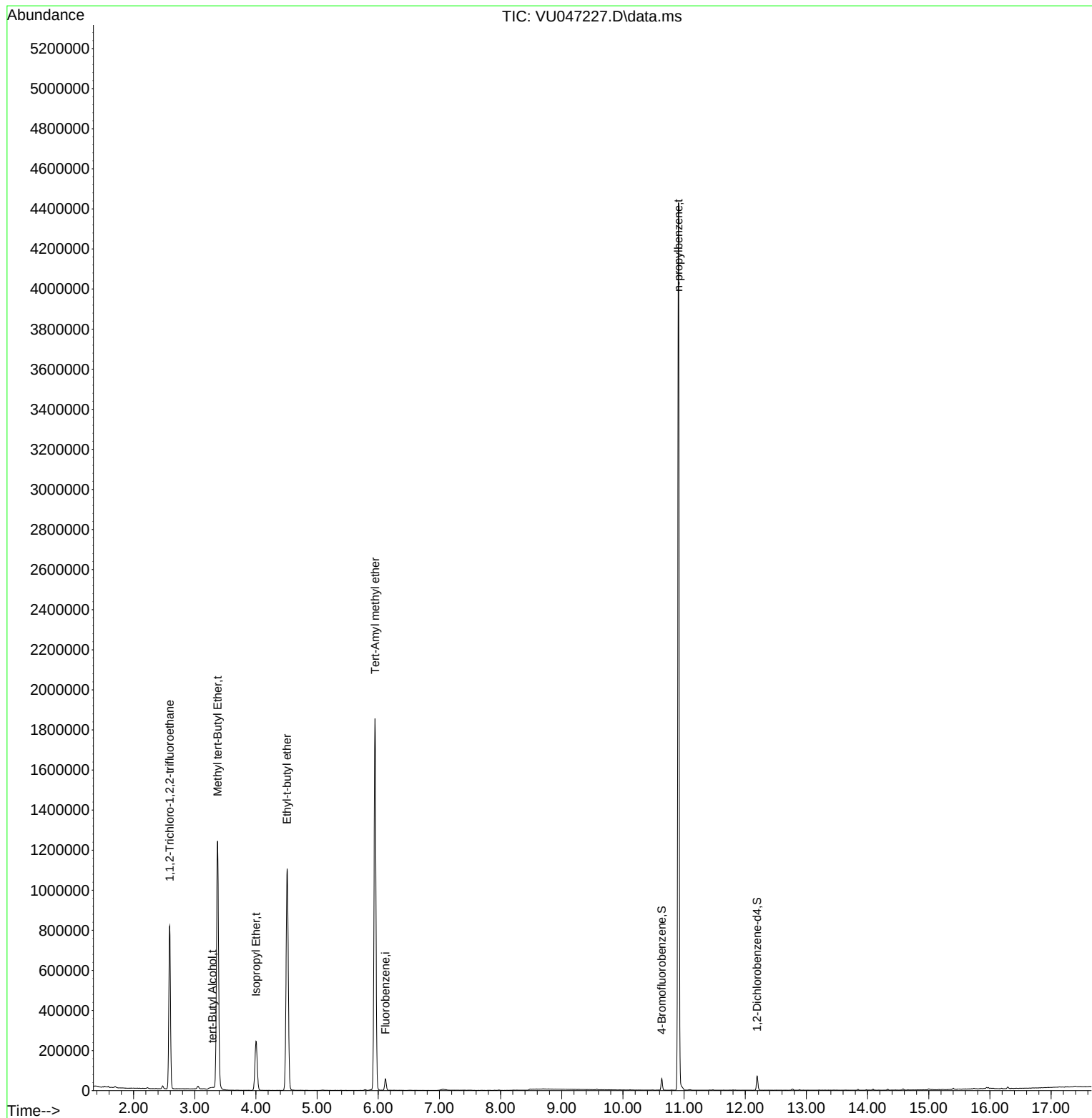
Internal Standards						
1) Fluorobenzene	6.118	96	52343	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.636	95	18619	0.918	ug/l	0.00
Spiked Amount 1.000			Recovery	=	92.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	19667	0.931	ug/l	0.00
Spiked Amount 1.000			Recovery	=	93.000%	
Target Compounds						
						Qvalue
8) 1,1,2-Trichloro-1,2,2-...	2.591	101	325253	27.056	ug/l	93
24) tert-Butyl Alcohol	3.289	59	25581	39.336	ug/l	# 1
25) Methyl tert-Butyl Ether	3.372	73	1434290	41.339	ug/l	100
31) Isopropyl Ether	4.002	45	260782	6.815	ug/l	99
32) Ethyl-t-butyl ether	4.510	59	1182878	30.411	ug/l	97
33) Tert-Amyl methyl ether	5.948	73	1605099	44.802	ug/l	98
73) n-propylbenzene	10.909	120	788696	42.324	ug/l	88

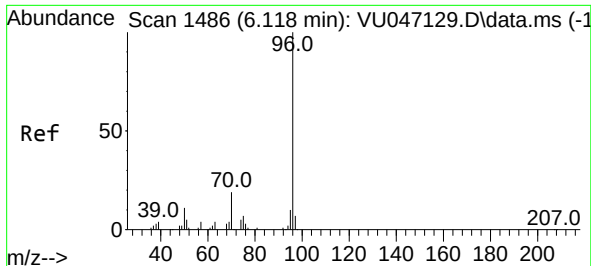
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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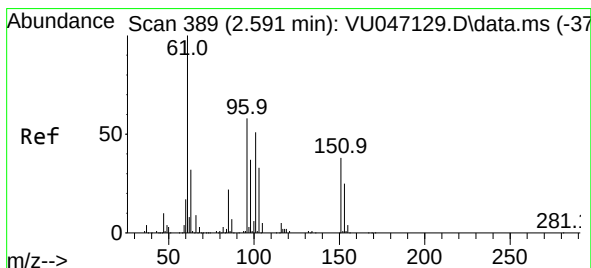
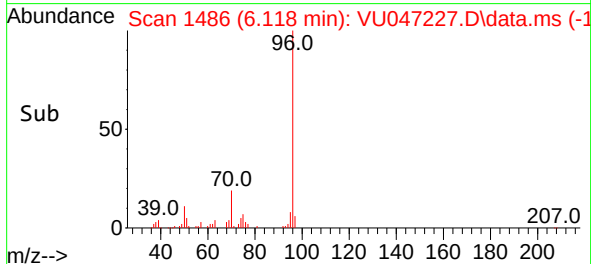
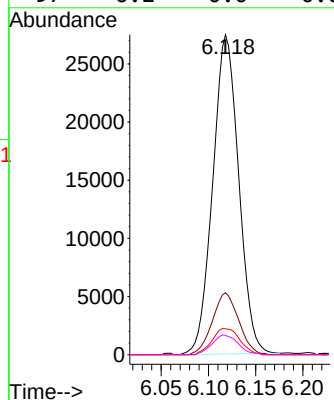
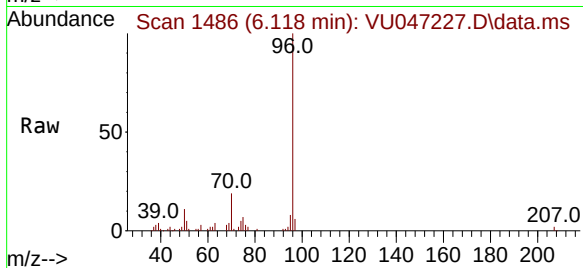




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.118 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VU047227.D
Acq: 21 Feb 2022 12:52

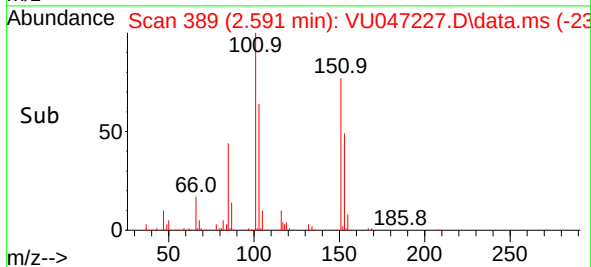
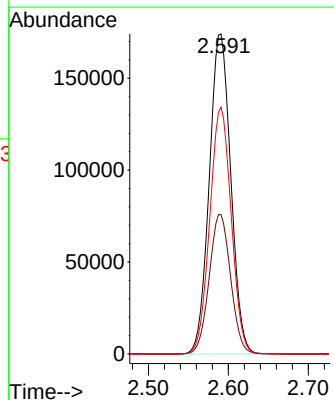
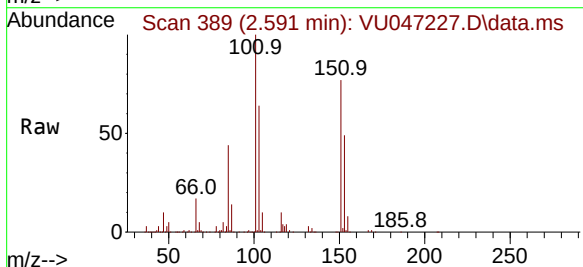
Instrument :
MSVOA_U
ClientSampleId :
PT-ADD-WS

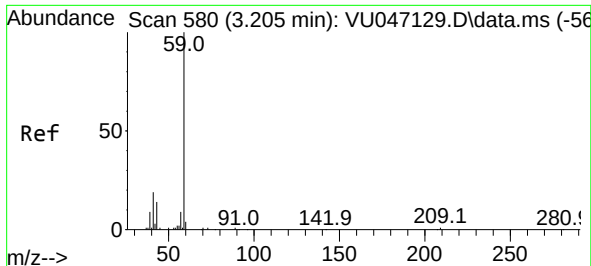
Tgt Ion: 96	Resp: 52343
Ion Ratio	Lower Upper
96 100	
70 19.7	16.8 25.2
95 8.8	7.3 10.9
97 6.2	0.0 0.0#



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 27.056 ug/l
RT: 2.591 min Scan# 389
Delta R.T. -0.000 min
Lab File: VU047227.D
Acq: 21 Feb 2022 12:52

Tgt Ion:101	Resp: 325253
Ion Ratio	Lower Upper
101 100	
85 43.4	35.8 53.6
151 76.9	54.6 81.8

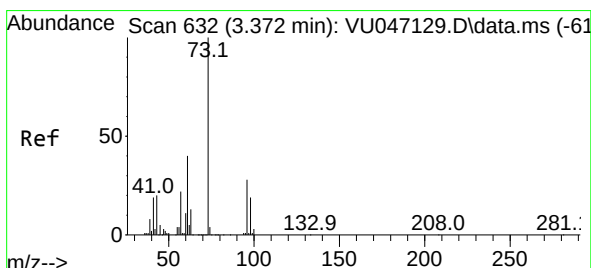
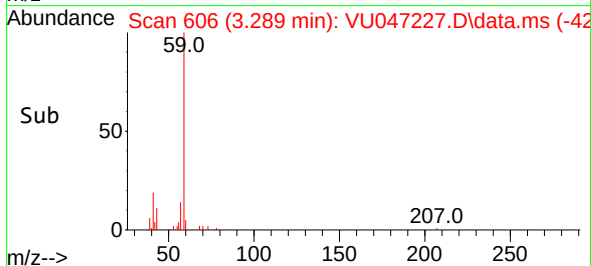
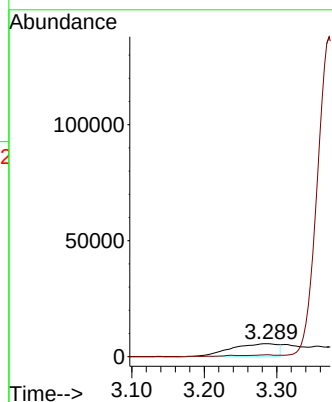
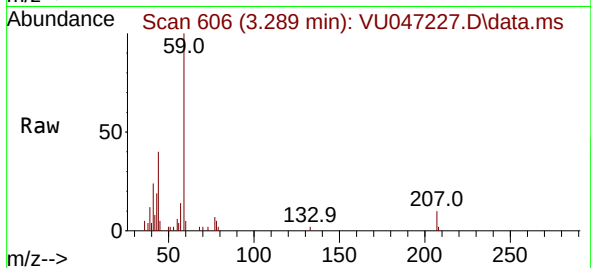




#24
tert-Butyl Alcohol
Concen: 39.336 ug/l
RT: 3.289 min Scan# 606
Delta R.T. 0.084 min
Lab File: VU047227.D
Acq: 21 Feb 2022 12:52

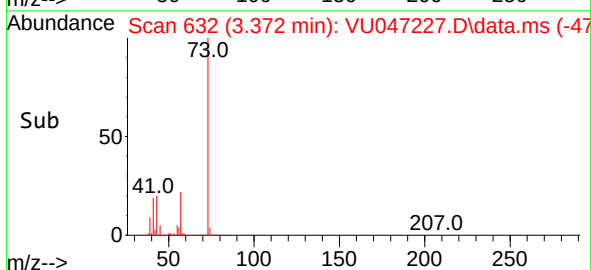
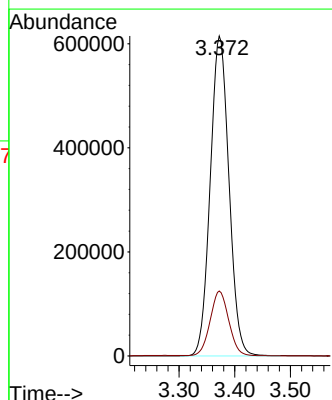
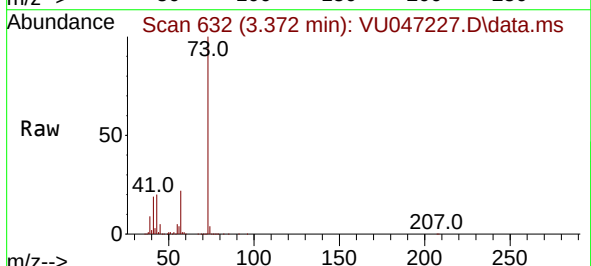
Instrument :
MSVOA_U
ClientSampleId :
PT-ADD-WS

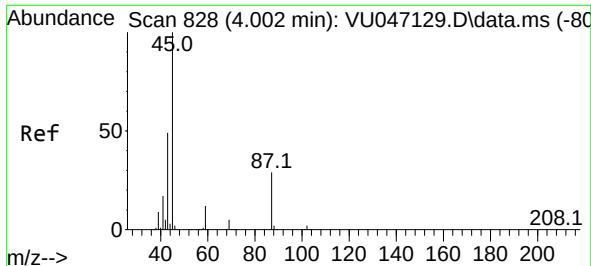
Tgt Ion: 59 Resp: 25581
Ion Ratio Lower Upper
59 100
57 1257.2 6.5 9.7#



#25
Methyl tert-Butyl Ether
Concen: 41.339 ug/l
RT: 3.372 min Scan# 632
Delta R.T. -0.000 min
Lab File: VU047227.D
Acq: 21 Feb 2022 12:52

Tgt Ion: 73 Resp: 1434290
Ion Ratio Lower Upper
73 100
43 20.2 16.3 24.5

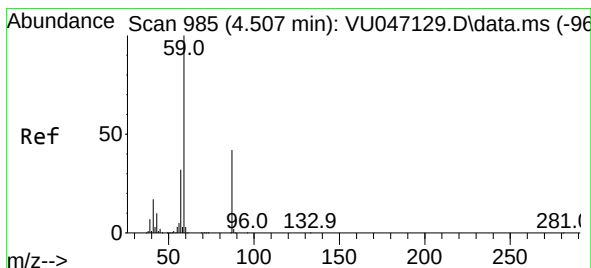
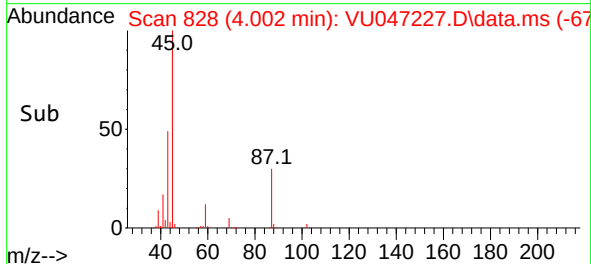
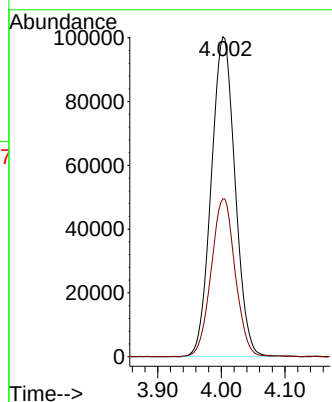
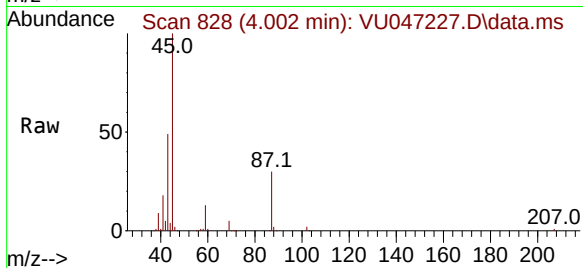




#31
Isopropyl Ether
Concen: 6.815 ug/l
RT: 4.002 min Scan# 81
Delta R.T. -0.000 min
Lab File: VU047227.D
Acq: 21 Feb 2022 12:52

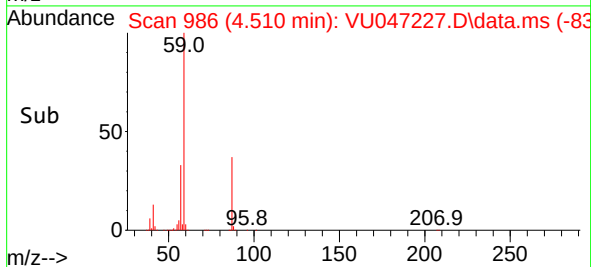
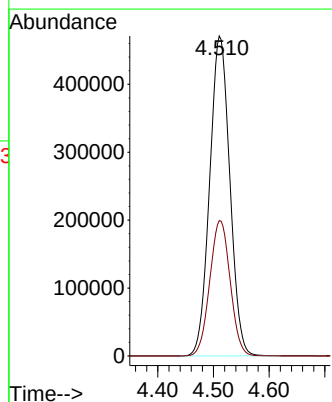
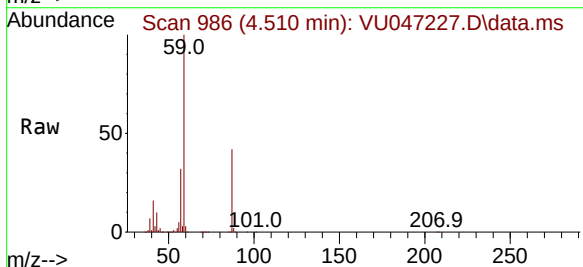
Instrument :
MSVOA_U
ClientSampleId :
PT-ADD-WS

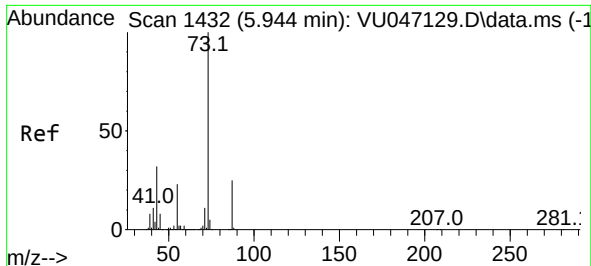
Tgt Ion: 45 Resp: 260782
Ion Ratio Lower Upper
45 100
43 49.8 25.3 75.8



#32
Ethyl-t-butyl ether
Concen: 30.411 ug/l
RT: 4.510 min Scan# 986
Delta R.T. 0.003 min
Lab File: VU047227.D
Acq: 21 Feb 2022 12:52

Tgt Ion: 59 Resp: 1182878
Ion Ratio Lower Upper
59 100
87 42.9 32.7 49.1





#33

Tert-Amyl methyl ether

Concen: 44.802 ug/l

RT: 5.948 min Scan# 1432

Delta R.T. 0.003 min

Lab File: VU047227.D

Acq: 21 Feb 2022 12:52

Instrument :

MSVOA_U

ClientSampleId :

PT-ADD-WS

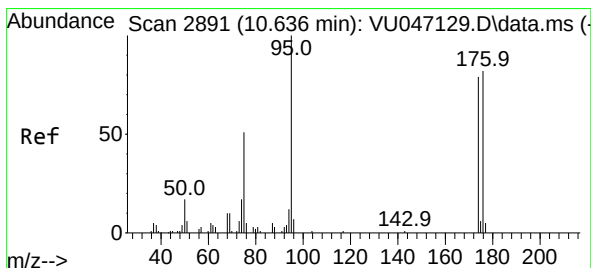
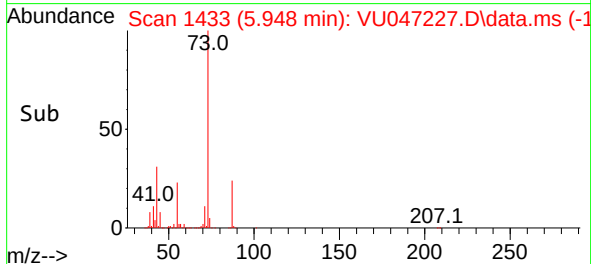
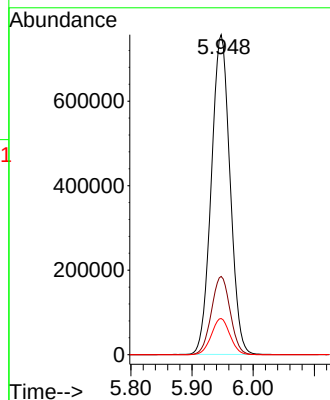
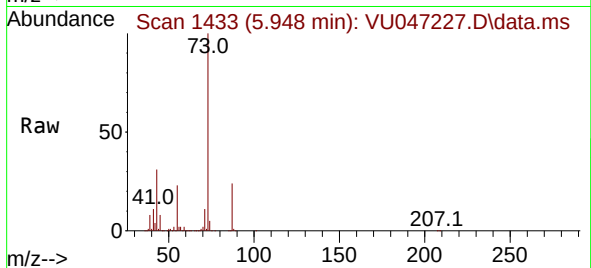
Tgt Ion: 73 Resp: 1605099

Ion Ratio Lower Upper

73 100

87 24.6 18.6 28.0

71 11.3 9.0 13.6



#57

4-Bromofluorobenzene

Concen: 0.918 ug/l

RT: 10.636 min Scan# 2891

Delta R.T. -0.000 min

Lab File: VU047227.D

Acq: 21 Feb 2022 12:52

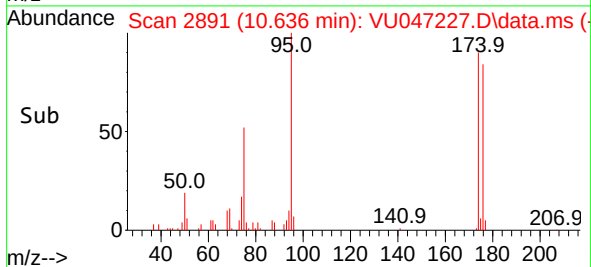
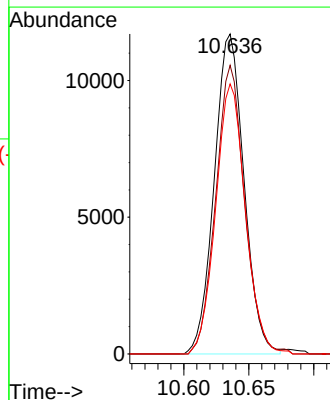
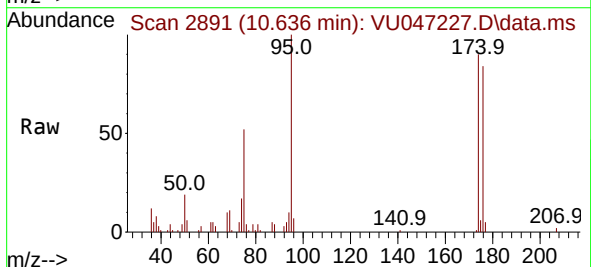
Tgt Ion: 95 Resp: 18619

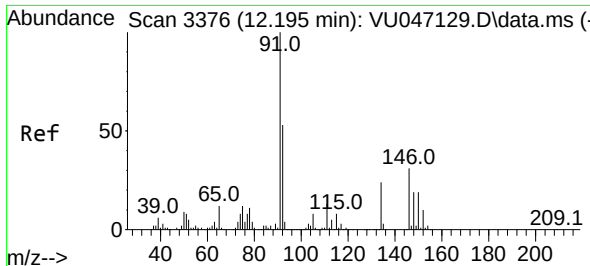
Ion Ratio Lower Upper

95 100

174 87.7 56.6 84.8#

176 84.3 54.3 81.5#

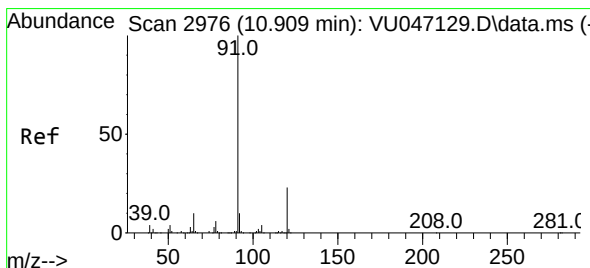
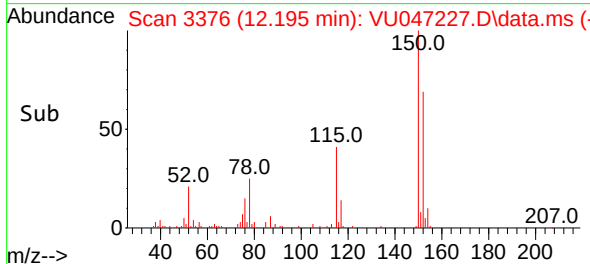
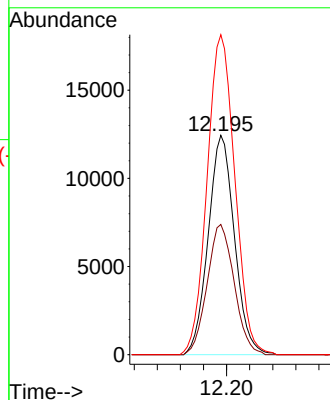
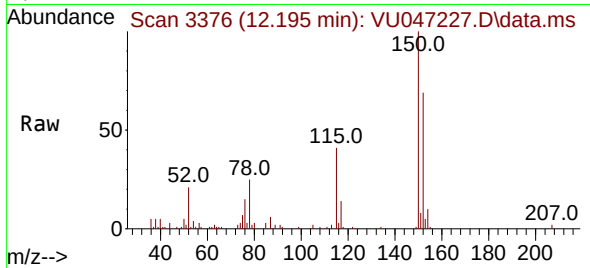




#68
 1,2-Dichlorobenzene-d4
 Concen: 0.931 ug/l
 RT: 12.195 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU047227.D
 Acq: 21 Feb 2022 12:52

Instrument :
 MSVOA_U
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 PT-ADD-WS

Tgt Ion:152 Resp: 19667
 Ion Ratio Lower Upper
 152 100
 115 60.9 0.0 251.0
 150 154.0 0.0 613.8



#73
 n-propylbenzene
 Concen: 42.324 ug/l
 RT: 10.909 min Scan# 2976
 Delta R.T. -0.000 min
 Lab File: VU047227.D
 Acq: 21 Feb 2022 12:52

Tgt Ion:120 Resp: 788696
 Ion Ratio Lower Upper
 120 100
 91 430.9 370.7 556.1

