

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020224\
 Data File : VU057796.D
 Acq On : 02 Feb 2024 16:16
 Operator : MD/SY
 Sample : P1174-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PT-ADD-WS

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/14/2024
 Supervised By : Mahesh Dadoda 02/14/2024

Quant Time: Feb 03 05:56:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U013124DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Feb 02 00:27:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.110	96	41298	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.634	95	14365	0.919	ug/l	0.00
Spiked Amount 1.000			Recovery	=	92.000%	
68) 1,2-Dichlorobenzene-d4	12.193	152	13152	0.934	ug/l	0.00
Spiked Amount 1.000			Recovery	=	93.000%	
Target Compounds						
					Qvalue	
8) 1,1,2-Trichloro-1,2,2-...	2.573	101	396963	37.476	ug/l	96
12) Acrylonitrile	3.354	53	10791	6.161	ug/l #	28
15) Methylene Chloride	3.039	84	2967	0.242	ug/l	93
24) tert-Butyl Alcohol	3.341	59	35355m	41.987	ug/l	
25) Methyl tert-Butyl Ether	3.354	73	1035828	43.010	ug/l	96
31) Isopropyl Ether	3.981	45	764236	24.687	ug/l	95
32) Ethyl-t-butyl ether	4.493	59	984613	34.256	ug/l	99
33) Tert-Amyl methyl ether	5.933	73	717868	29.667	ug/l	98
73) n-propylbenzene	10.901	120	454261	34.520	ug/l	99
89) Naphthalene	14.097	128	6784	0.348	ug/l #	94
90) 1,2,3-Trichlorobenzene	14.335	180	2371	0.226	ug/l	94

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

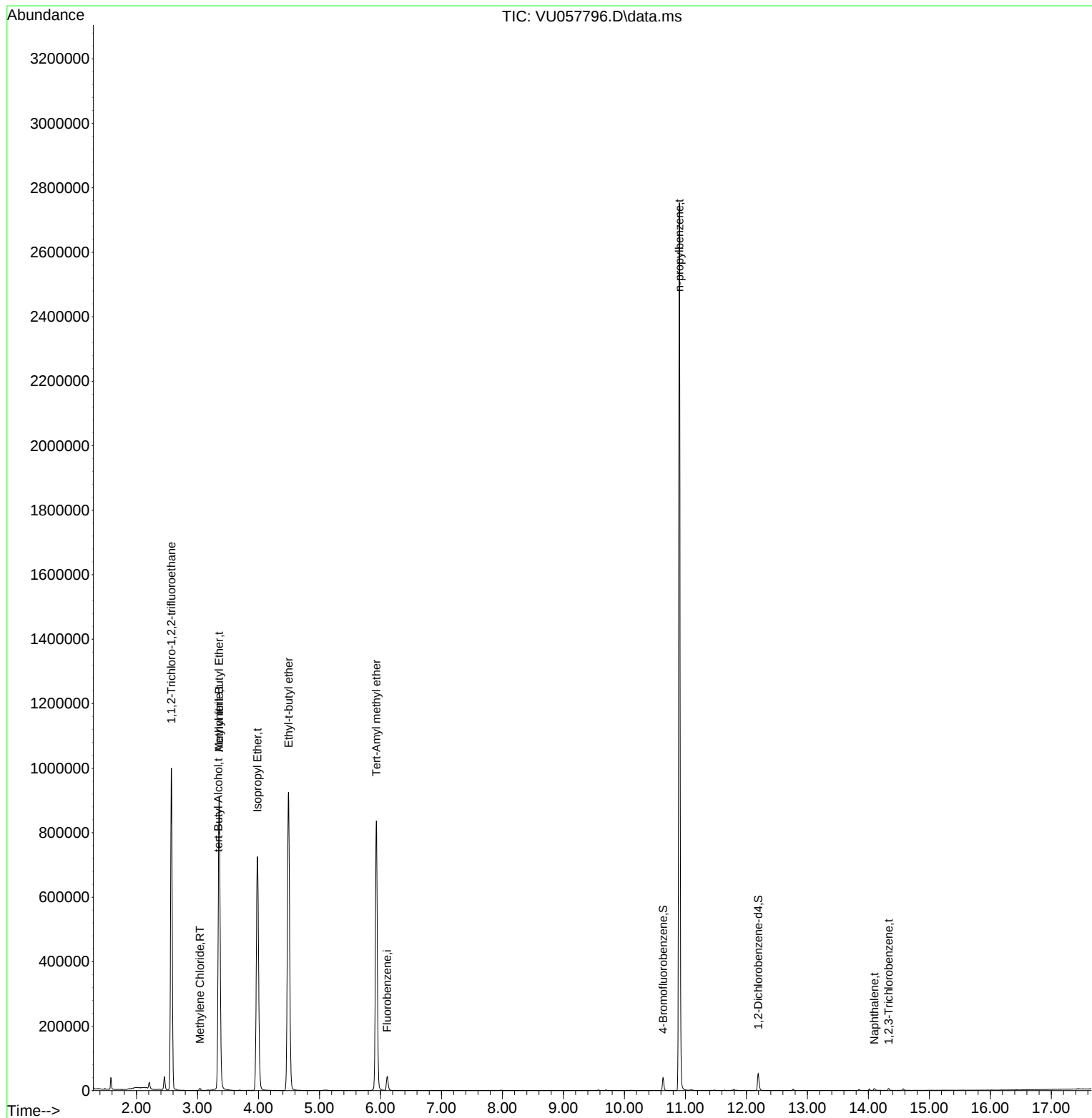
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020224\
Data File : VU057796.D
Acq On : 02 Feb 2024 16:16
Operator : MD/SY
Sample : P1174-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

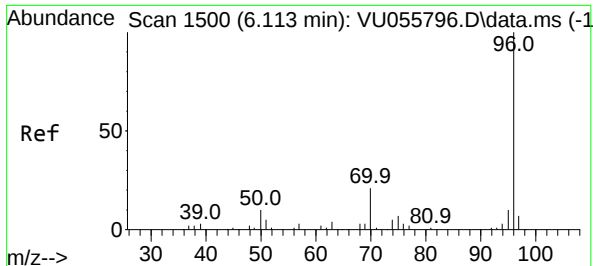
Instrument :
MSVOA_U
ClientSampleId :
PT-ADD-WS

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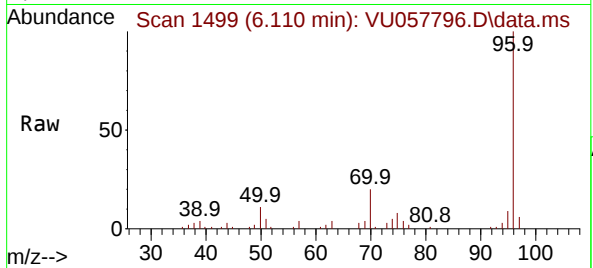
Quant Time: Feb 03 05:56:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U013124DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Feb 02 00:27:55 2024
Response via : Initial Calibration





#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 1499
Delta R.T. -0.003 min
Lab File: VU057796.D
Acq: 02 Feb 2024 16:16

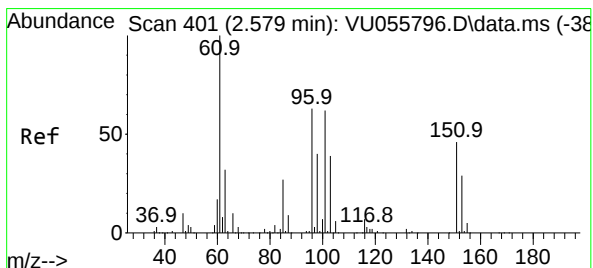
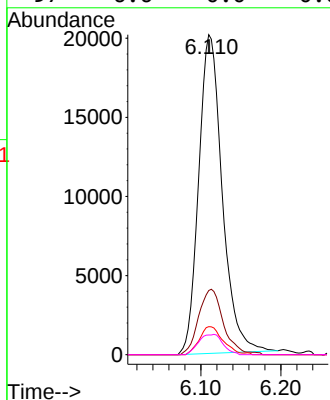
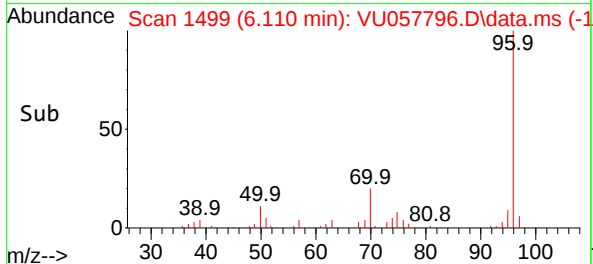
Instrument :
MSVOA_U
ClientSampleId :
PT-ADD-WS



Tgt Ion:	96	Resp:	41298
Ion Ratio	100	Lower	Upper
96	100		
70	21.6	16.5	24.7
95	8.9	7.4	11.0
97	6.6	0.0	0.0

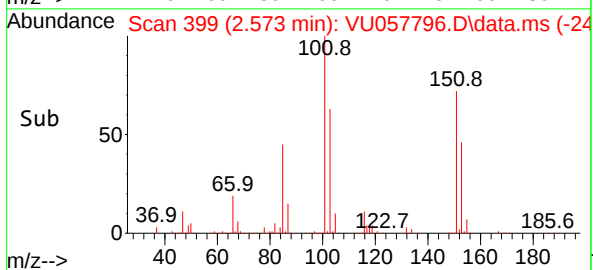
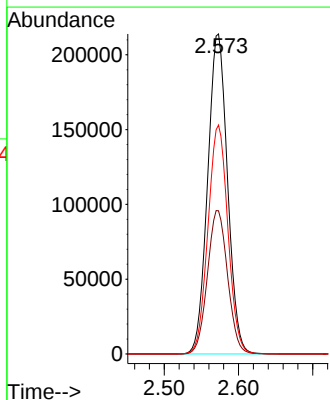
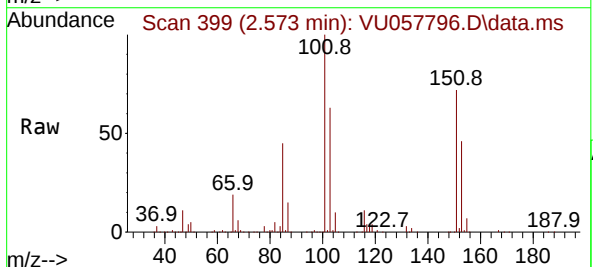
Manual Integrations
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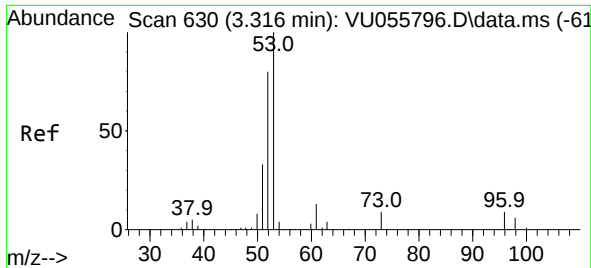
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 37.476 ug/l
RT: 2.573 min Scan# 399
Delta R.T. -0.006 min
Lab File: VU057796.D
Acq: 02 Feb 2024 16:16

Tgt Ion:	101	Resp:	396963
Ion Ratio	100	Lower	Upper
101	100		
85	45.6	35.4	53.0
151	71.9	54.0	81.0





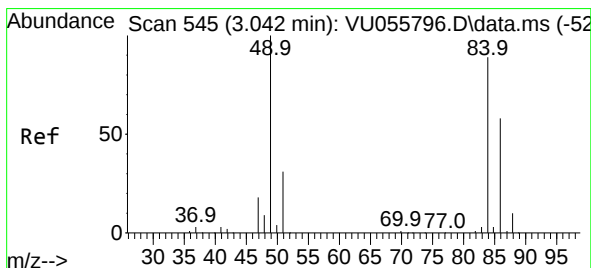
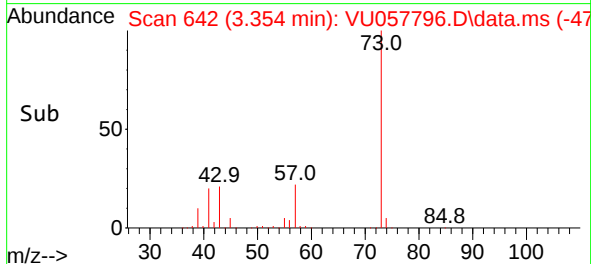
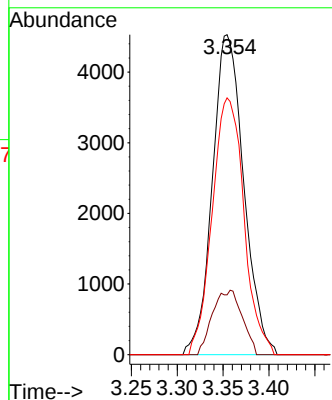
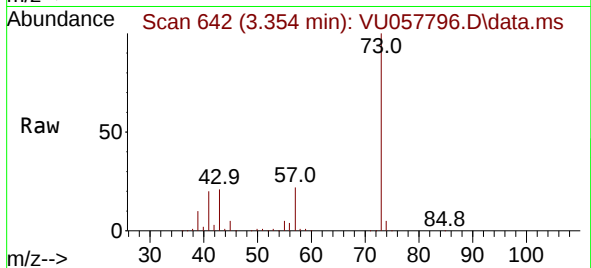
#12
Acrylonitrile
Concen: 6.161 ug/l
RT: 3.354 min Scan# 642
Delta R.T. 0.038 min
Lab File: VU057796.D
Acq: 02 Feb 2024 16:16

Instrument :
MSVOA_U
ClientSampleId :
PT-ADD-WS

Tgt Ion: 53 Resp: 1079
Ion Ratio Lower Upper
53 100
52 19.0 62.9 94.3
51 81.0 27.8 41.6

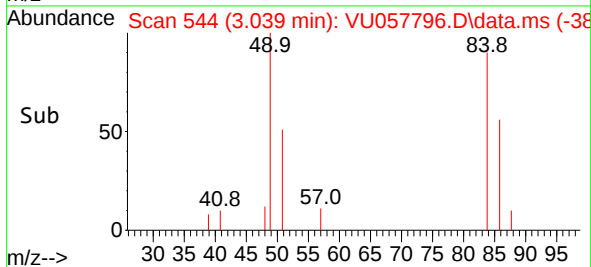
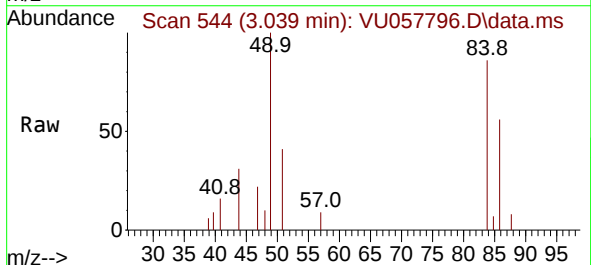
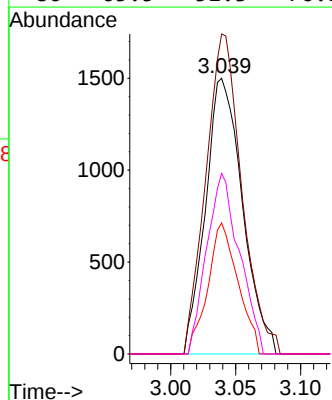
Manual Integrations
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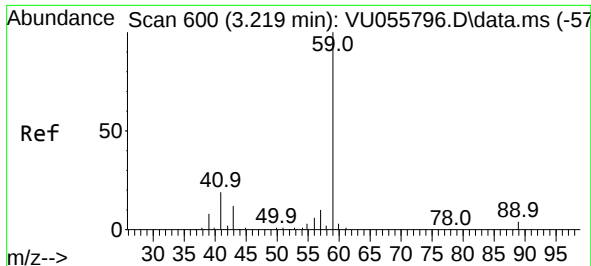
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#15
Methylene Chloride
Concen: 0.242 ug/l
RT: 3.039 min Scan# 544
Delta R.T. -0.003 min
Lab File: VU057796.D
Acq: 02 Feb 2024 16:16

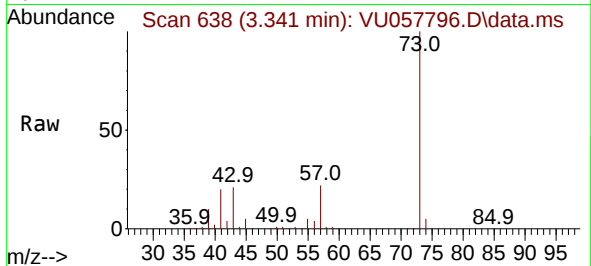
Tgt Ion: 84 Resp: 2967
Ion Ratio Lower Upper
84 100
49 116.1 98.9 148.3
51 47.5 0.0 75.4
86 65.5 51.3 76.9





#24
tert-Butyl Alcohol
Concen: 41.987 ug/l m
RT: 3.341 min Scan# 61
Delta R.T. 0.122 min
Lab File: VU057796.D
Acq: 02 Feb 2024 16:16

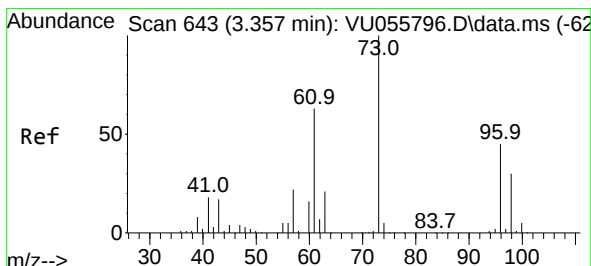
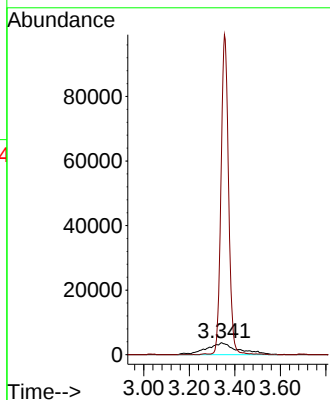
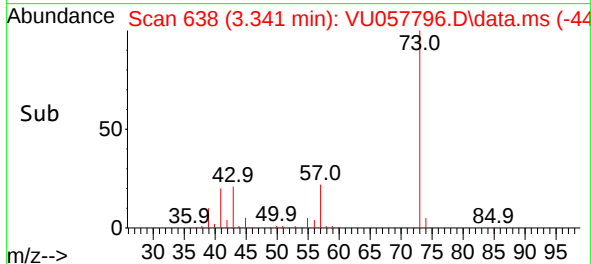
Instrument :
MSVOA_U
ClientSampleId :
PT-ADD-WS



Tgt Ion: 59 Resp: 3535
Ion Ratio Lower Upper
59 100
57 0.0 105.6 158.4

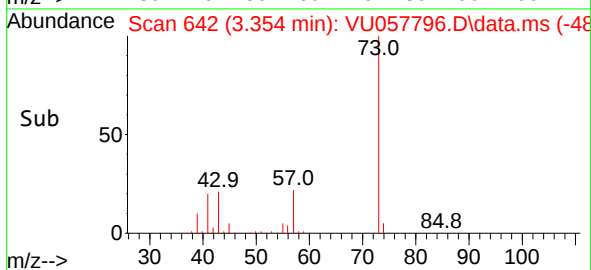
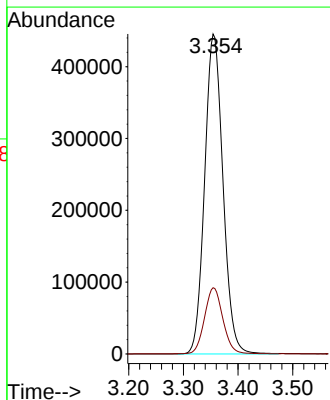
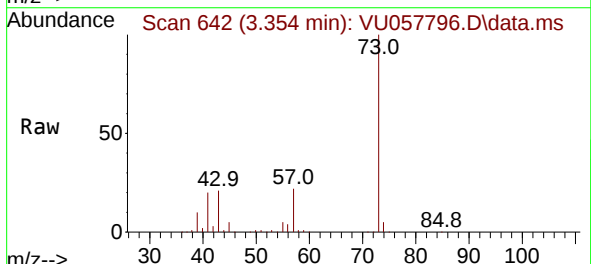
Manual Integrations
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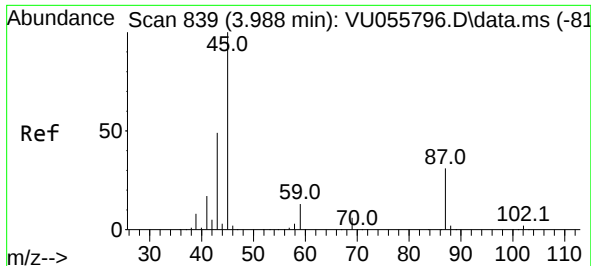
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#25
Methyl tert-Butyl Ether
Concen: 43.010 ug/l
RT: 3.354 min Scan# 642
Delta R.T. -0.003 min
Lab File: VU057796.D
Acq: 02 Feb 2024 16:16

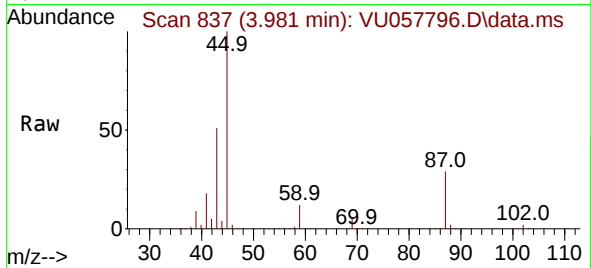
Tgt Ion: 73 Resp: 1035828
Ion Ratio Lower Upper
73 100
43 20.5 15.0 22.6





#31
Isopropyl Ether
Concen: 24.687 ug/l
RT: 3.981 min Scan# 837
Delta R.T. -0.007 min
Lab File: VU057796.D
Acq: 02 Feb 2024 16:16

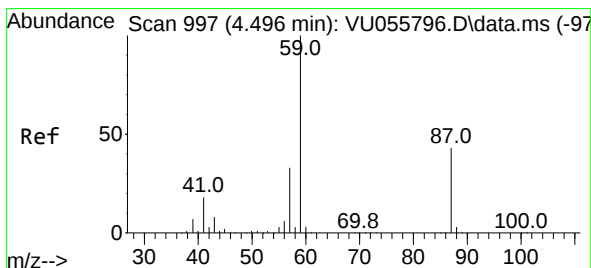
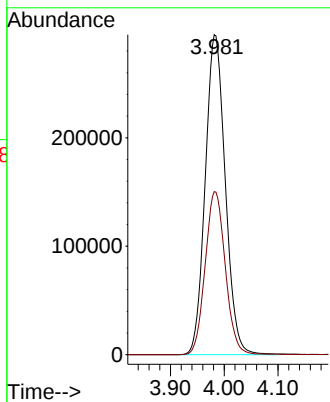
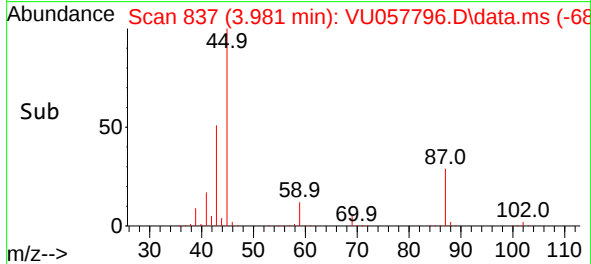
Instrument :
MSVOA_U
ClientSampleId :
PT-ADD-WS



Tgt Ion: 45 Resp: 764236
Ion Ratio Lower Upper
45 100
43 51.2 27.5 82.5

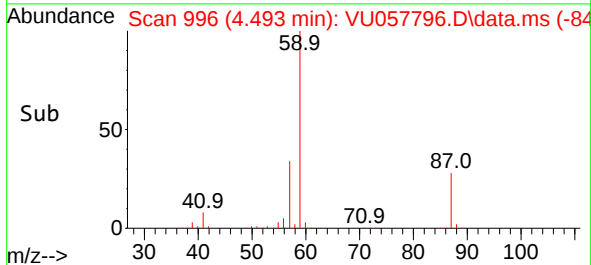
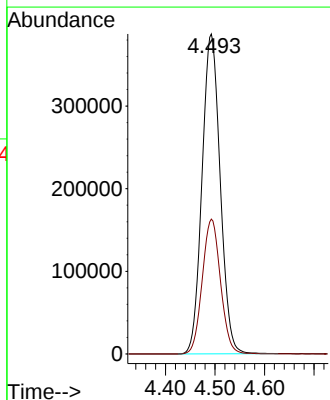
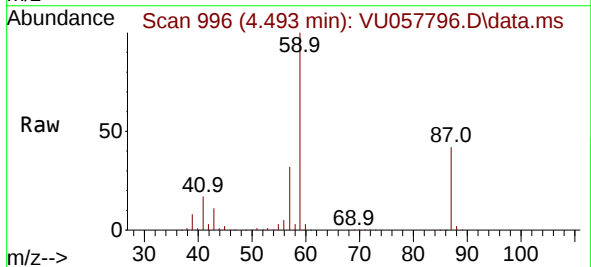
Manual Integrations
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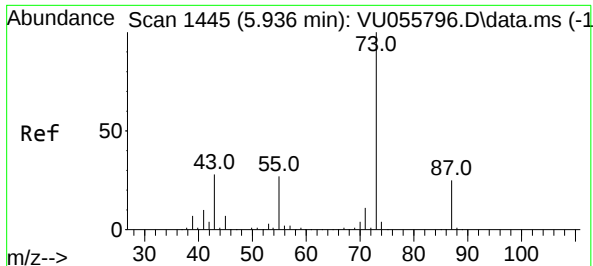
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024



#32
Ethyl-t-butyl ether
Concen: 34.256 ug/l
RT: 4.493 min Scan# 996
Delta R.T. -0.003 min
Lab File: VU057796.D
Acq: 02 Feb 2024 16:16

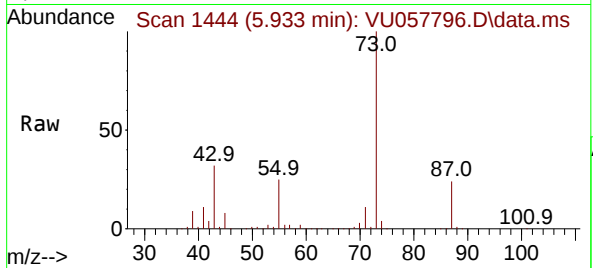
Tgt Ion: 59 Resp: 984613
Ion Ratio Lower Upper
59 100
87 42.3 33.5 50.3





#33
Tert-Amyl methyl ether
Concen: 29.667 ug/l
RT: 5.933 min Scan# 1444
Delta R.T. -0.003 min
Lab File: VU057796.D
Acq: 02 Feb 2024 16:16

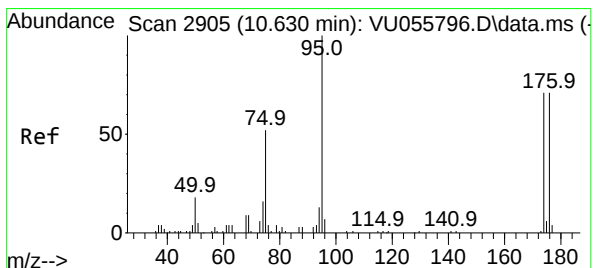
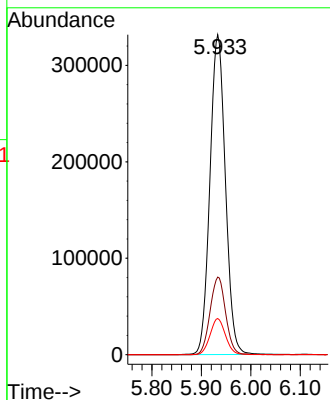
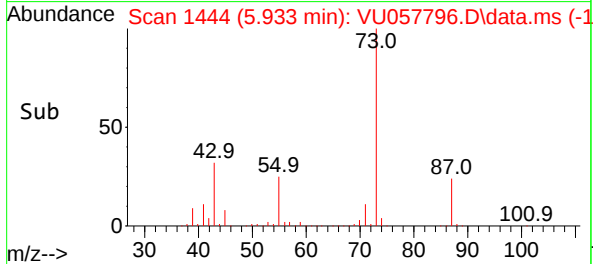
Instrument :
MSVOA_U
ClientSampleId :
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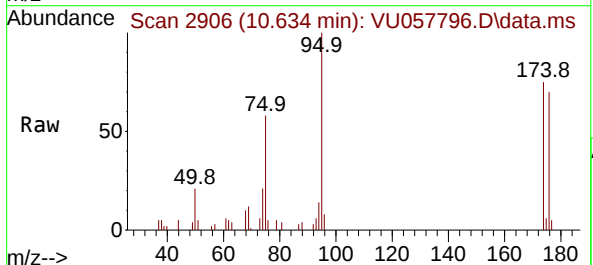
Tgt Ion: 73 Resp: 71786
Ion Ratio Lower Upper
73 100
87 24.3 18.6 28.0
71 11.3 9.9 14.9

Manual Integrations
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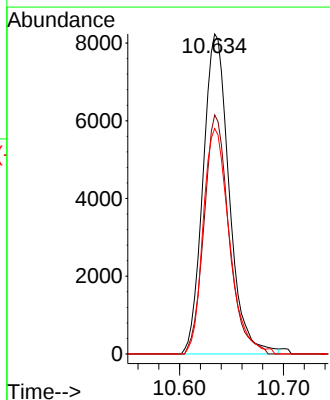
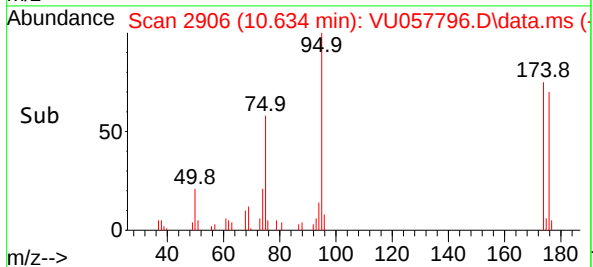
Reviewed By :John Carlone 02/14/2024
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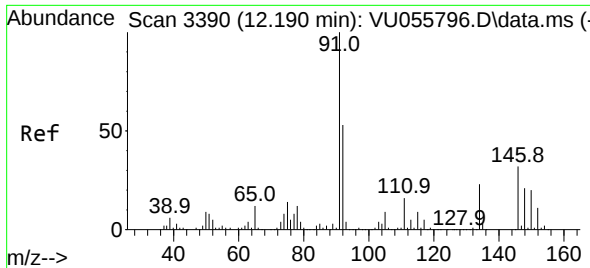


#57
4-Bromofluorobenzene
Concen: 0.919 ug/l
RT: 10.634 min Scan# 2906
Delta R.T. 0.004 min
Lab File: VU057796.D
Acq: 02 Feb 2024 16:16



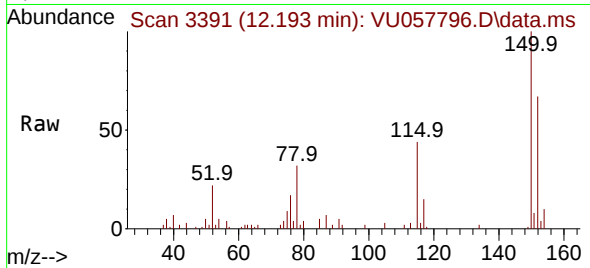
Tgt Ion: 95 Resp: 14365
Ion Ratio Lower Upper
95 100
174 71.2 63.3 94.9
176 70.8 59.3 88.9





#68
1,2-Dichlorobenzene-d4
Concen: 0.934 ug/l
RT: 12.193 min Scan# 3390
Delta R.T. 0.003 min
Lab File: VU057796.D
Acq: 02 Feb 2024 16:16

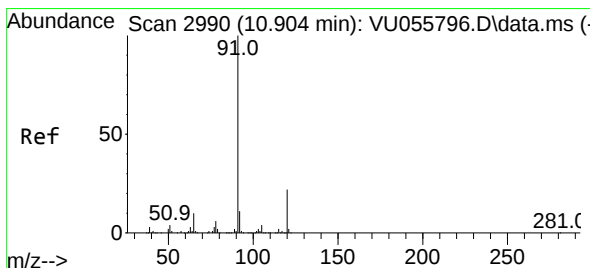
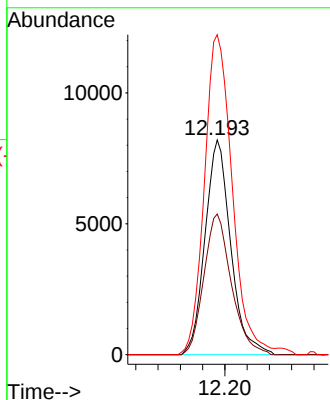
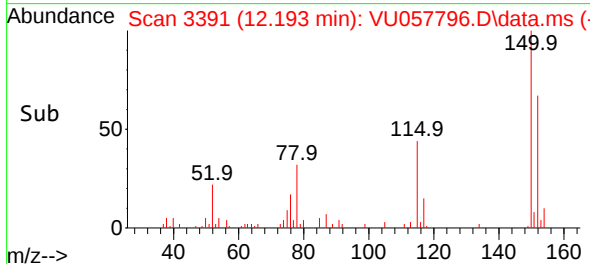
Instrument :
MSVOA_U
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PT-ADD-WS



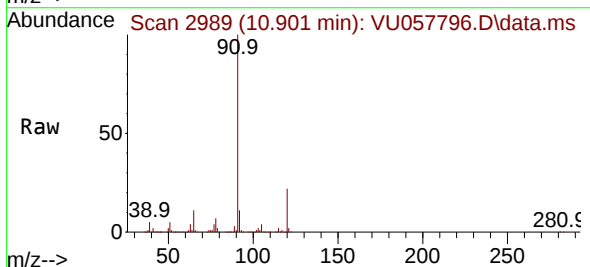
Tgt Ion:152 Resp: 13152
Ion Ratio Lower Upper
152 100
115 70.0 0.0 308.8
150 162.2 0.0 635.0

Manual Integrations
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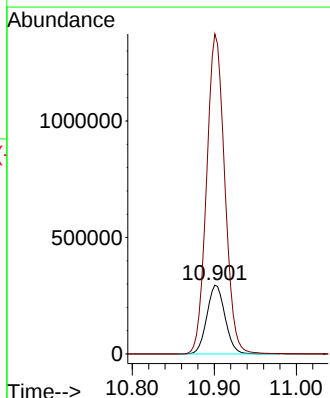
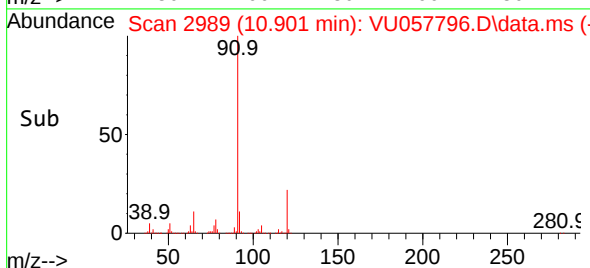
Reviewed By :John Carlone 02/14/2024
Supervised By :Mahesh Dadoda 02/14/2024

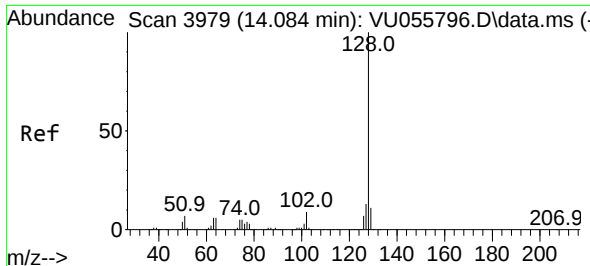


#73
n-propylbenzene
Concen: 34.520 ug/l
RT: 10.901 min Scan# 2989
Delta R.T. -0.003 min
Lab File: VU057796.D
Acq: 02 Feb 2024 16:16



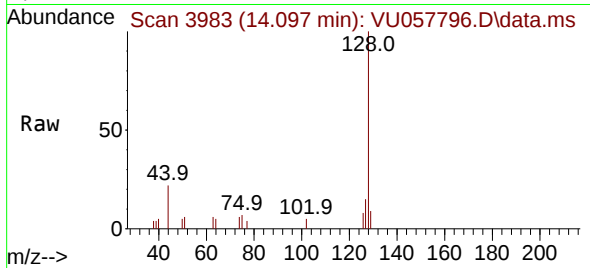
Tgt Ion:120 Resp: 454261
Ion Ratio Lower Upper
120 100
91 466.1 369.8 554.6





#89
Naphthalene
Concen: 0.348 ug/l
RT: 14.097 min Scan# 3979
Delta R.T. 0.013 min
Lab File: VU057796.D
Acq: 02 Feb 2024 16:16

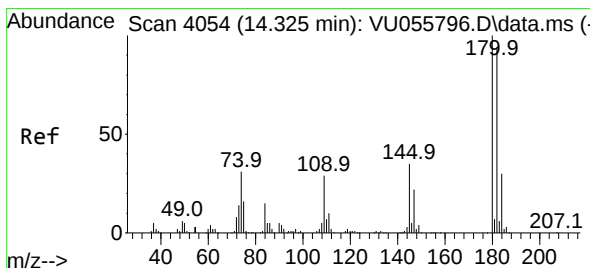
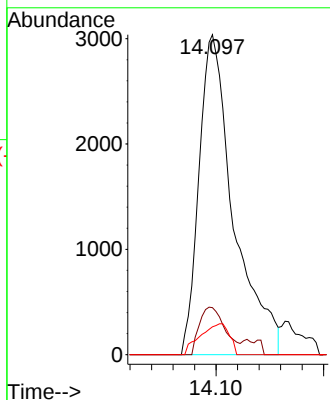
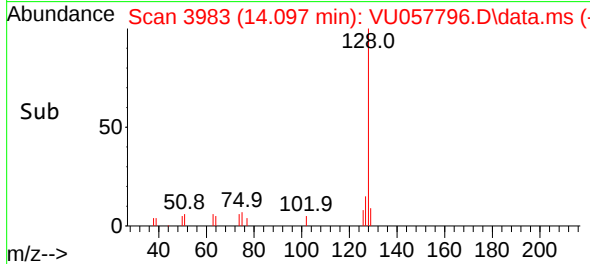
Instrument :
MSVOA_U
ClientSampleId :
PT-ADD-WS



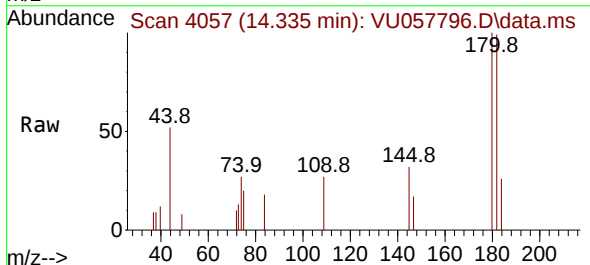
Tgt Ion:128 Resp: 6784
Ion Ratio Lower Upper
128 100
127 11.2 10.9 16.3
129 8.1 8.6 12.8

Manual Integrations
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Supervised By :Mahesh Dadoda 02/14/2024



#90
1,2,3-Trichlorobenzene
Concen: 0.226 ug/l
RT: 14.335 min Scan# 4057
Delta R.T. 0.010 min
Lab File: VU057796.D
Acq: 02 Feb 2024 16:16



Tgt Ion:180 Resp: 2371
Ion Ratio Lower Upper
180 100
182 100.6 75.7 113.5
145 30.2 26.1 39.1

