

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

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)

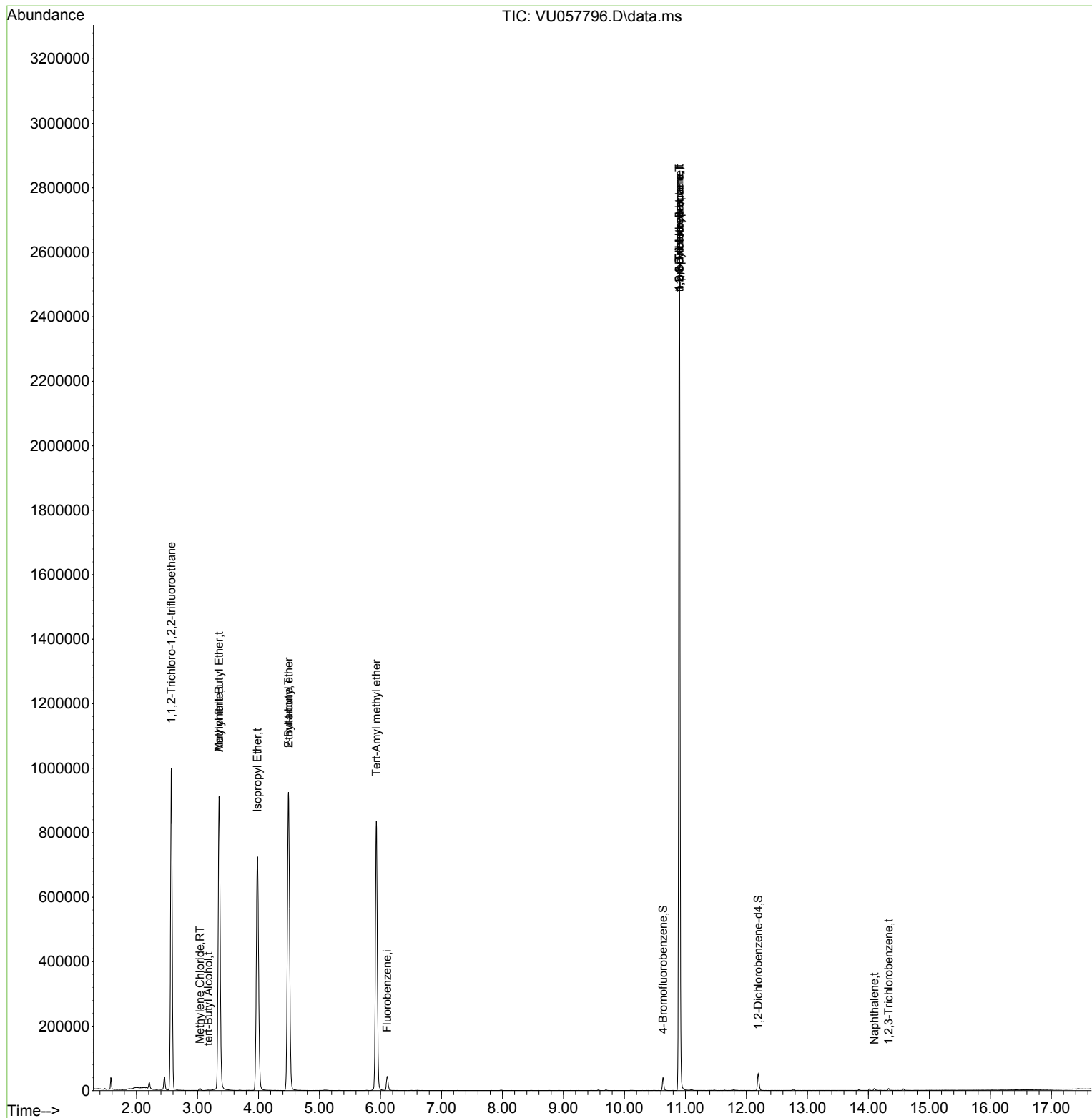
Internal Standards						
1) Fluorobenzene	6.110	96	41298	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.634	95	14365	0.919	ug/l	0.00
Spiked Amount 1.000			Recovery	=	92.000%	
68) 1,2-Dichlorobenzene-d4	12.193	152	13152	0.934	ug/l	0.00
Spiked Amount 1.000			Recovery	=	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
18) 2-Butanone	4.493	43	112263	32.856	ug/l #	1
24) tert-Butyl Alcohol	3.177	59	723	0.859	ug/l #	1
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
46) t-1,4-Dichloro-2-butene	10.901	75	13625	8.984	ug/l #	1
71) 1,2,3-Trichloropropane	10.901	75	13625	1.732	ug/l #	1
73) n-propylbenzene	10.901	120	454261	34.520	ug/l	99
75) 1,3,5-Trimethylbenzene	10.901	105	76164	1.693	ug/l #	1
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

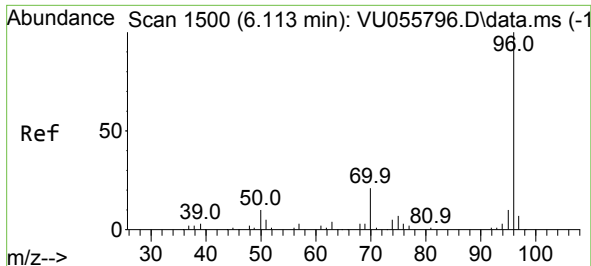
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020224\
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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PT-ADD-WS

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

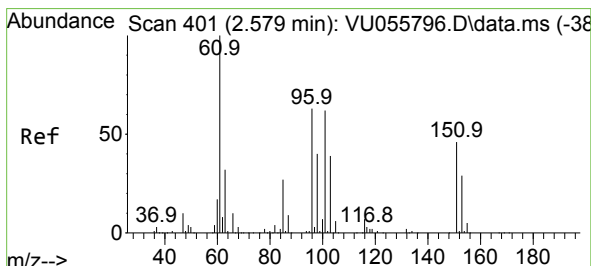
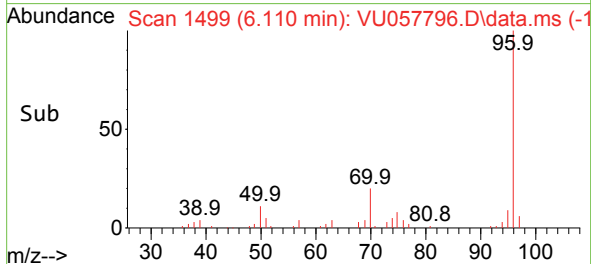
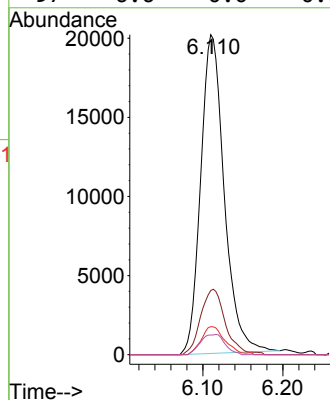
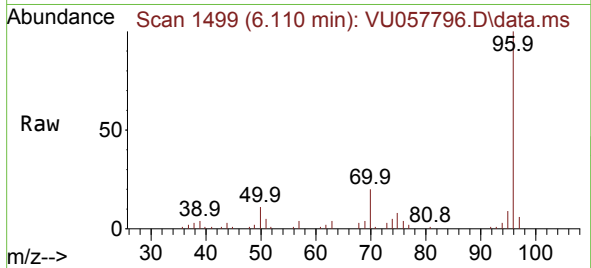




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU057796.D
Acq: 02 Feb 2024 16:16

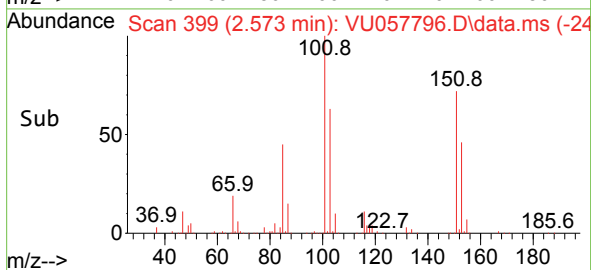
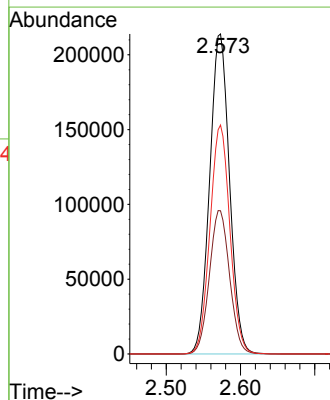
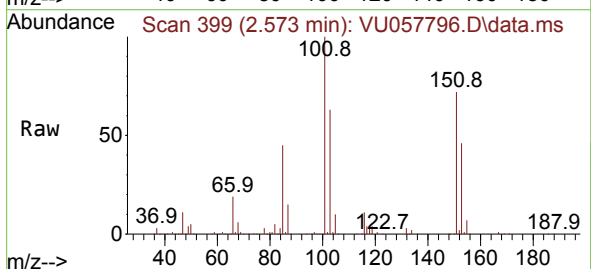
Instrument :
MSVOA_U
ClientSampleId :
PT-ADD-WS

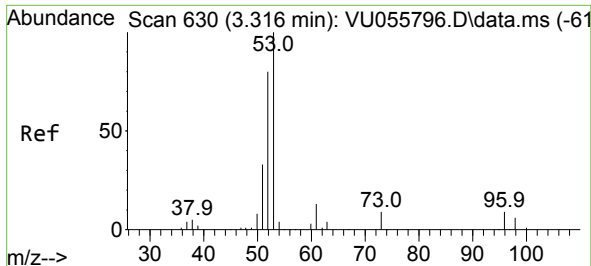
Tgt Ion: 96	Resp: 41298
Ion Ratio	Lower Upper
96 100	
70 21.6	16.5 24.7
95 8.9	7.4 11.0
97 6.6	0.0 0.0



#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	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# 64

Delta R.T. 0.038 min

Lab File: VU057796.D

Acq: 02 Feb 2024 16:16

Instrument :

MSVOA_U

ClientSampleId :

PT-ADD-WS

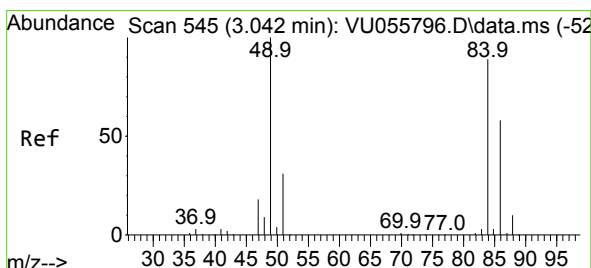
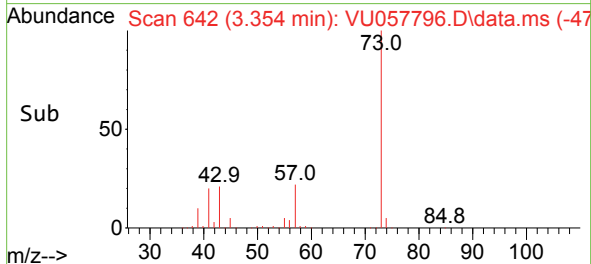
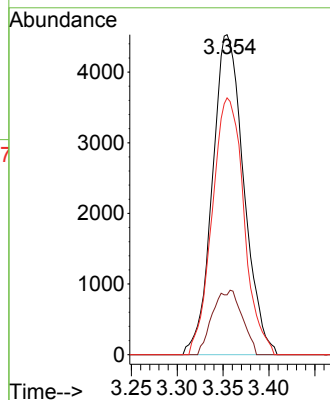
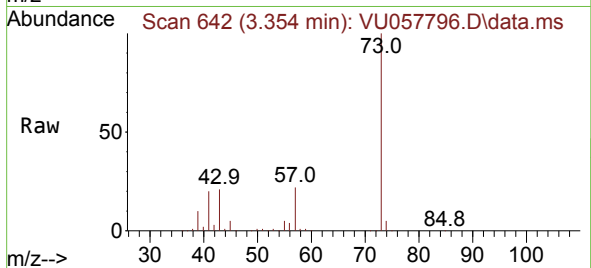
Tgt Ion: 53 Resp: 10791

Ion Ratio Lower Upper

53 100

52 19.0 62.9 94.3#

51 81.0 27.8 41.6#



#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

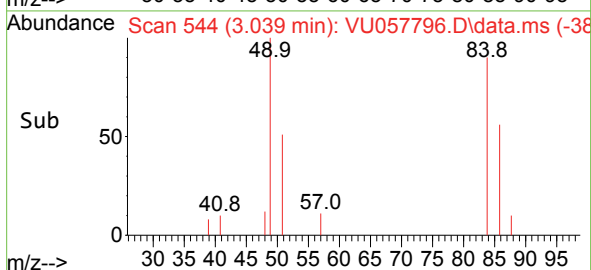
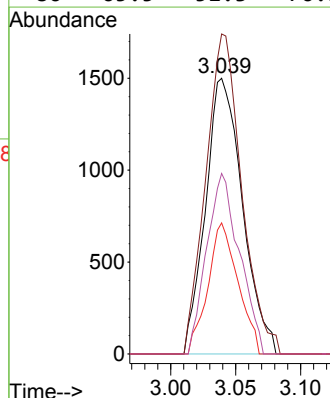
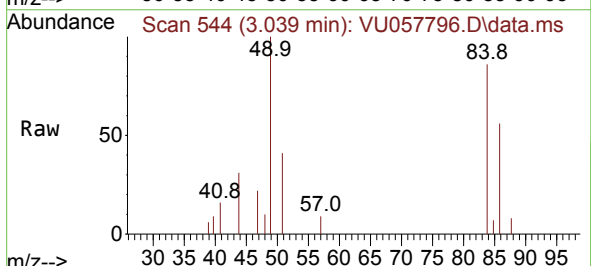
Ion Ratio Lower Upper

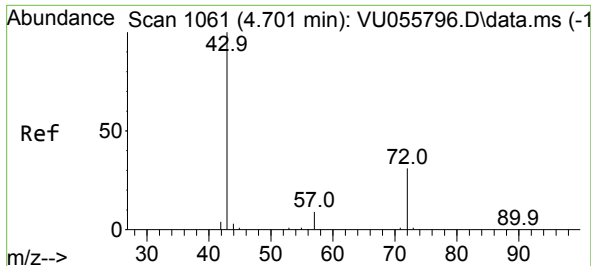
84 100

49 116.1 98.9 148.3

51 47.5 0.0 75.4

86 65.5 51.3 76.9





#18

2-Butanone

Concen: 32.856 ug/l

RT: 4.493 min Scan# 91

Delta R.T. -0.208 min

Lab File: VU057796.D

Acq: 02 Feb 2024 16:16

Instrument :

MSVOA_U

ClientSampleId :

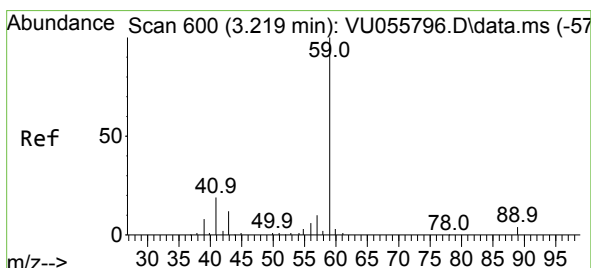
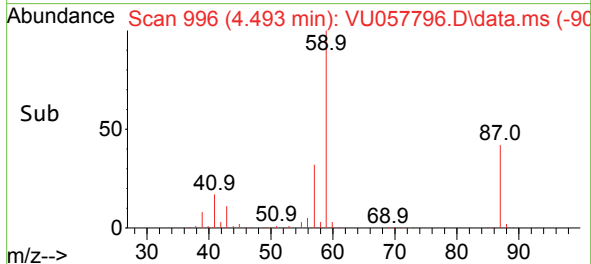
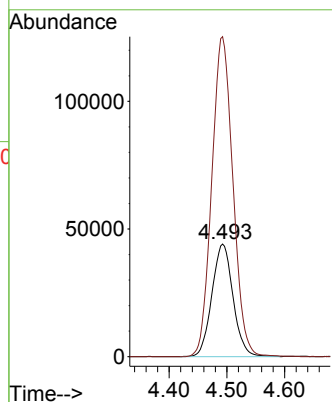
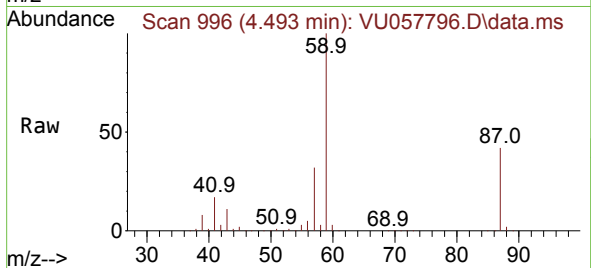
PT-ADD-WS

Tgt Ion: 43 Resp: 112263

Ion Ratio Lower Upper

43 100

57 284.0 0.0 19.6#



#24

tert-Butyl Alcohol

Concen: 0.859 ug/l

RT: 3.177 min Scan# 587

Delta R.T. -0.042 min

Lab File: VU057796.D

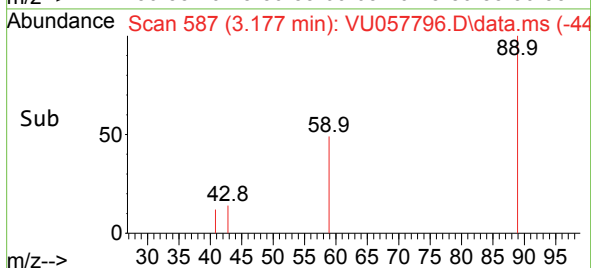
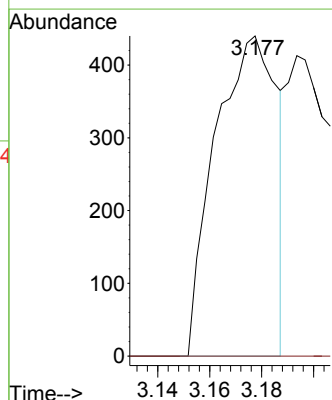
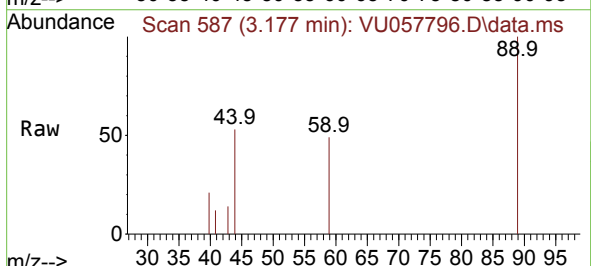
Acq: 02 Feb 2024 16:16

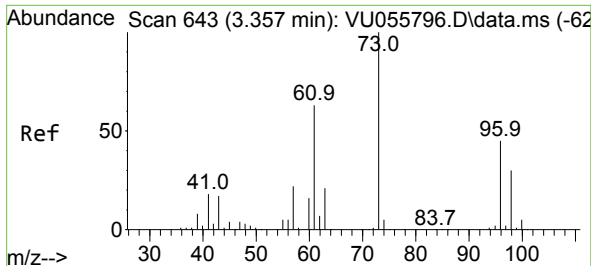
Tgt Ion: 59 Resp: 723

Ion Ratio Lower Upper

59 100

57 0.0 105.6 158.4#

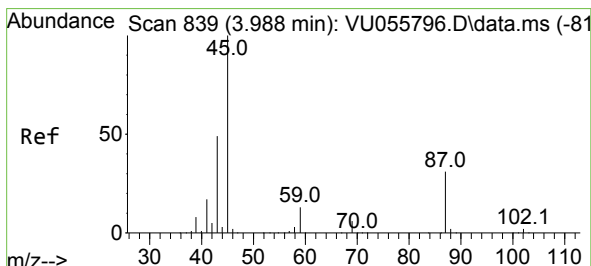
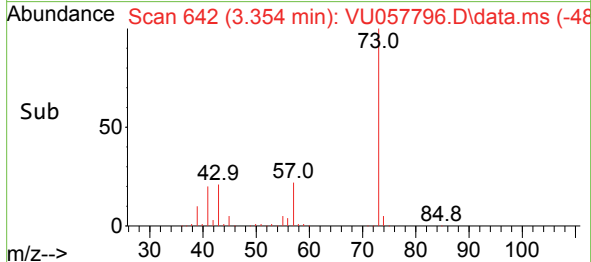
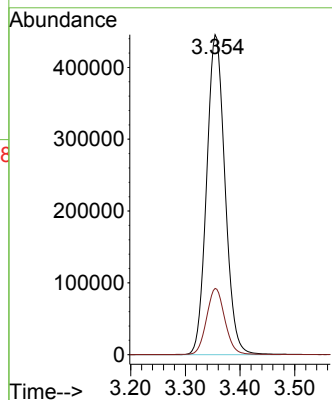
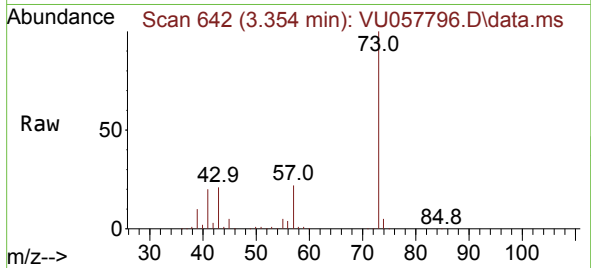




#25
Methyl tert-Butyl Ether
Concen: 43.010 ug/l
RT: 3.354 min Scan# 64
Delta R.T. -0.003 min
Lab File: VU057796.D
Acq: 02 Feb 2024 16:16

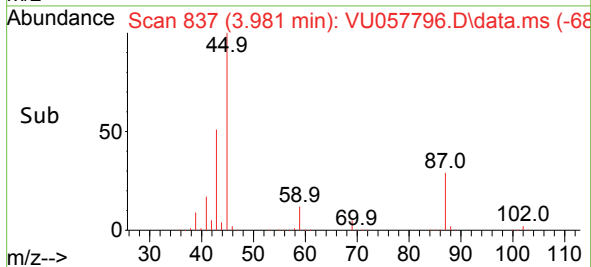
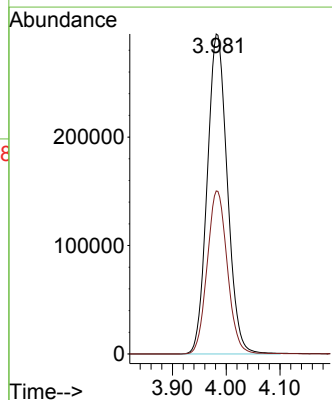
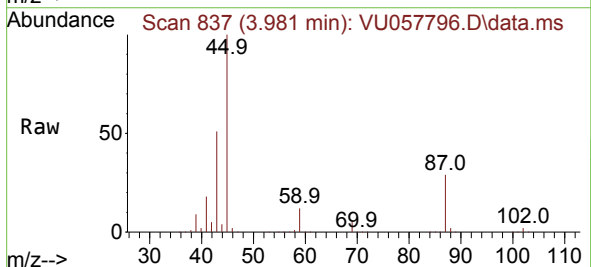
Instrument :
MSVOA_U
ClientSampleId :
PT-ADD-WS

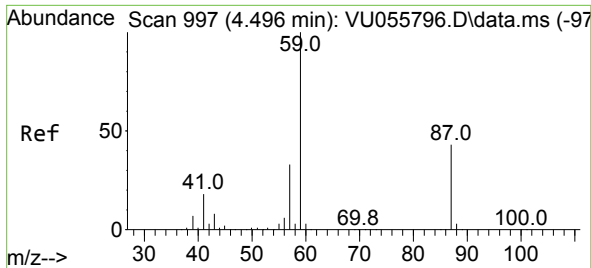
Tgt Ion: 73 Resp: 1035828
Ion Ratio Lower Upper
73 100
43 20.5 15.0 22.6



#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

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

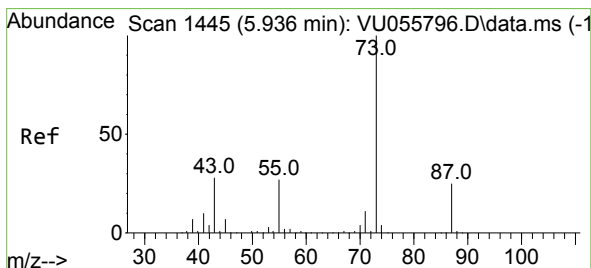
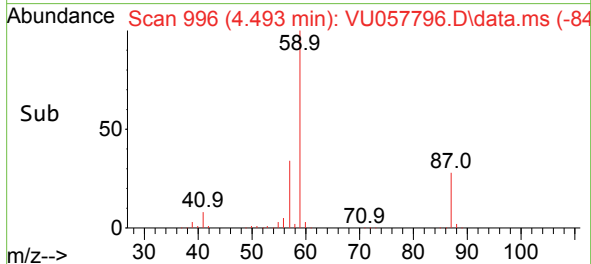
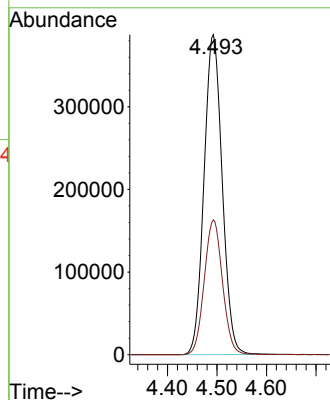
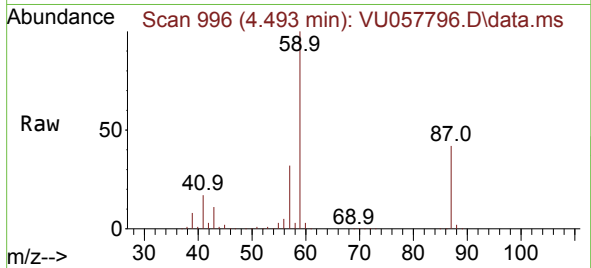




#32
Ethyl-t-butyl ether
Concen: 34.256 ug/l
RT: 4.493 min Scan# 997
Delta R.T. -0.003 min
Lab File: VU057796.D
Acq: 02 Feb 2024 16:16

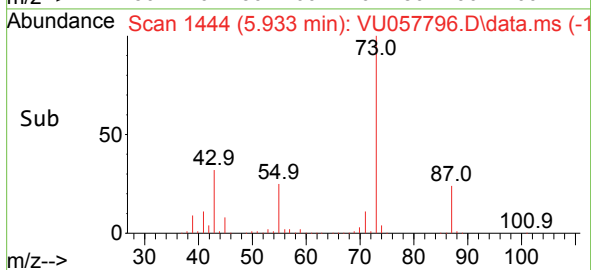
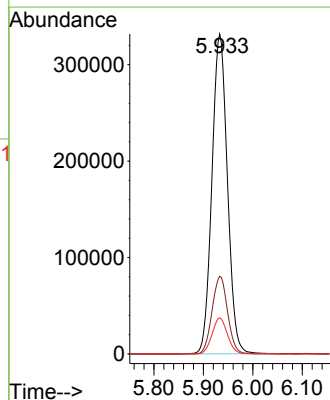
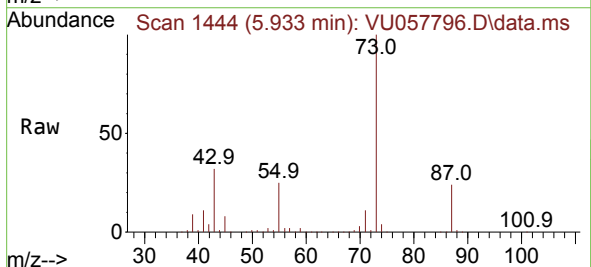
Instrument :
MSVOA_U
ClientSampleId :
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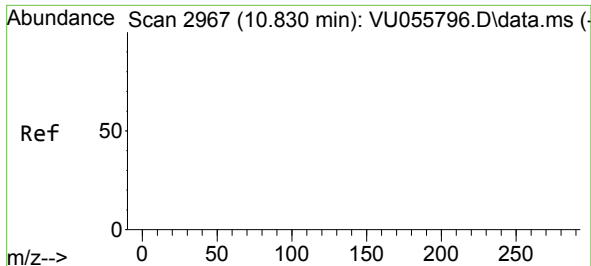
Tgt Ion: 59 Resp: 984613
Ion Ratio Lower Upper
59 100
87 42.3 33.5 50.3



#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

Tgt Ion: 73 Resp: 717868
Ion Ratio Lower Upper
73 100
87 24.3 18.6 28.0
71 11.3 9.9 14.9

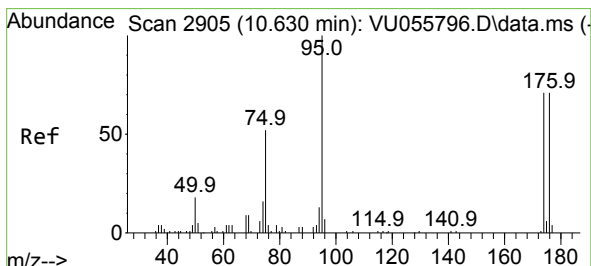
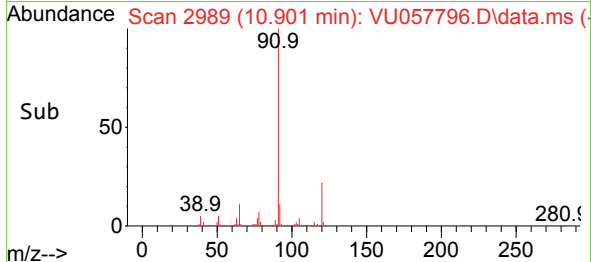
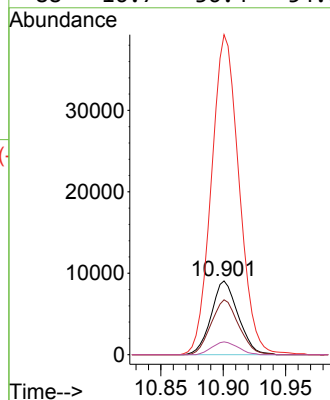
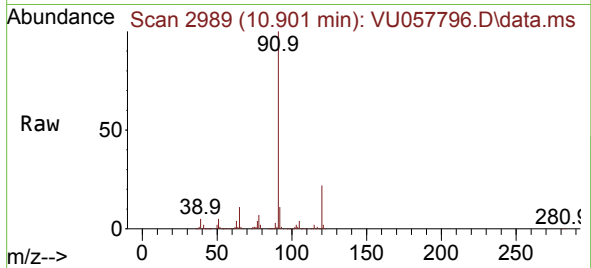




#46
t-1,4-Dichloro-2-butene
Concen: 8.984 ug/l
RT: 10.901 min Scan# 2968
Delta R.T. 0.071 min
Lab File: VU057796.D
Acq: 02 Feb 2024 16:16

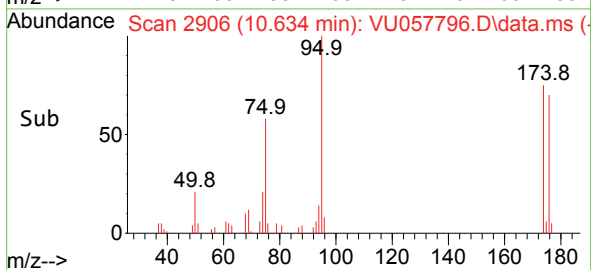
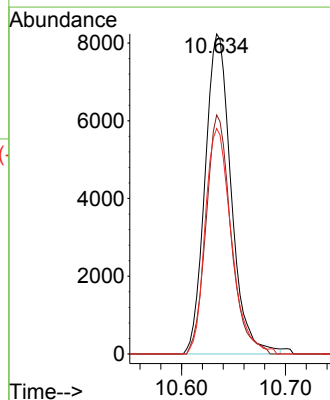
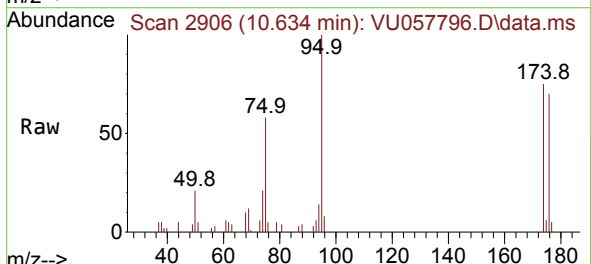
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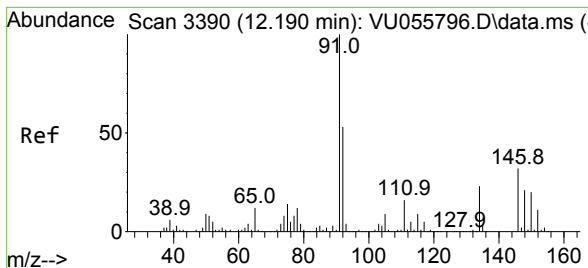
Tgt Ion:	75	Resp:	13625
Ion	Ratio	Lower	Upper
75	100		
53	76.0	73.3	109.9
89	446.3	48.2	72.4#
88	16.7	36.4	54.6#



#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# 31

Delta R.T. 0.003 min

Lab File: VU057796.D

Acq: 02 Feb 2024 16:16

Instrument :

MSVOA_U

ClientSampleId :

PT-ADD-WS

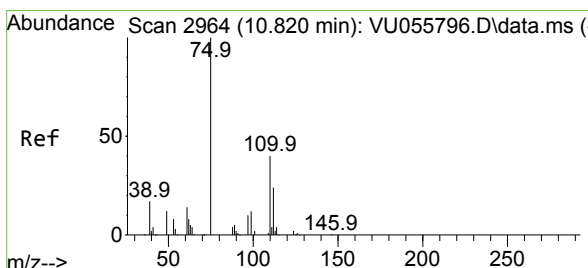
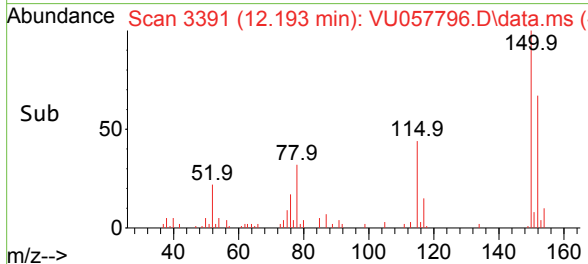
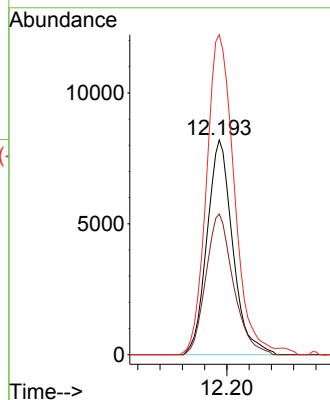
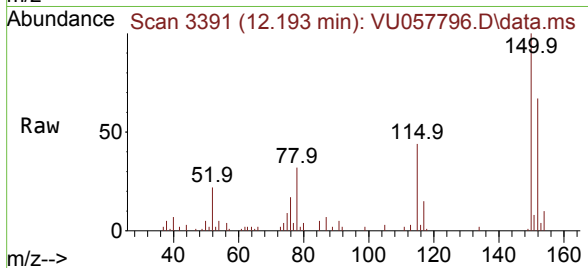
Tgt Ion:152 Resp: 13152

Ion Ratio Lower Upper

152 100

115 70.0 0.0 308.8

150 162.2 0.0 635.0



#71

1,2,3-Trichloropropane

Concen: 1.732 ug/l

RT: 10.901 min Scan# 2989

Delta R.T. 0.081 min

Lab File: VU057796.D

Acq: 02 Feb 2024 16:16

Tgt Ion: 75 Resp: 13625

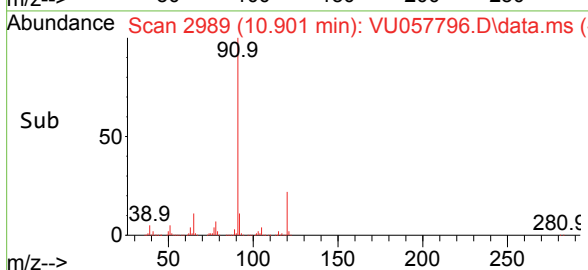
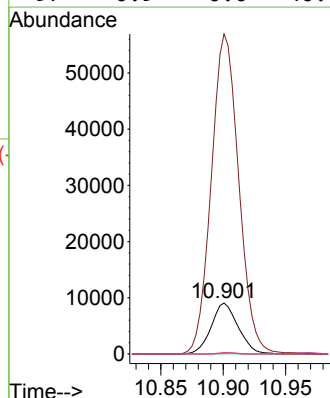
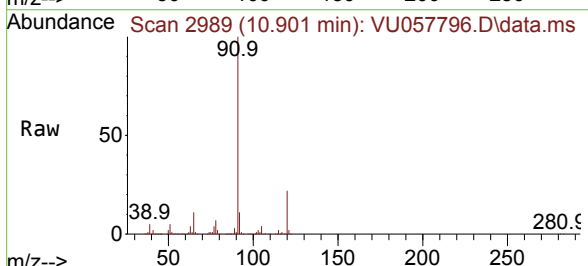
Ion Ratio Lower Upper

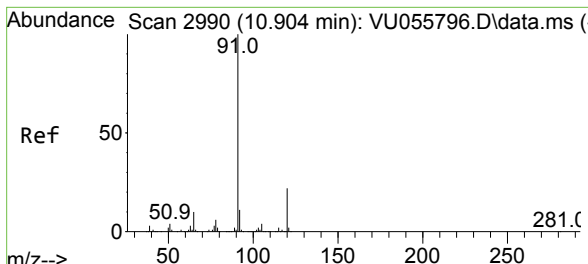
75 100

77 642.4 0.0 116.4#

110 1.7 0.0 74.6

97 0.9 0.0 40.0

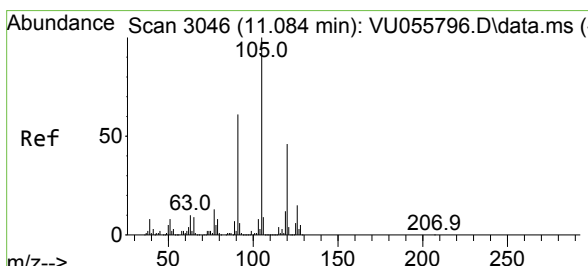
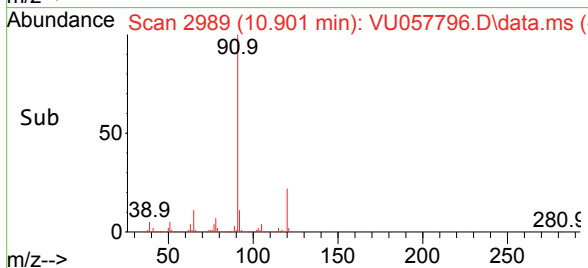
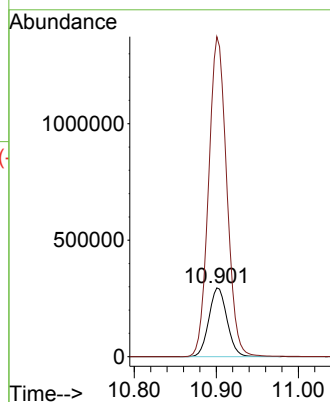
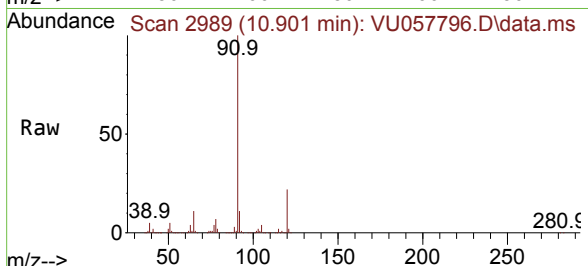




#73
 n-propylbenzene
 Concen: 34.520 ug/l
 RT: 10.901 min Scan# 2989
 Delta R.T. -0.003 min
 Lab File: VU057796.D
 Acq: 02 Feb 2024 16:16

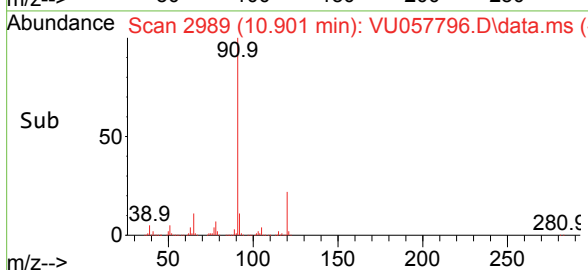
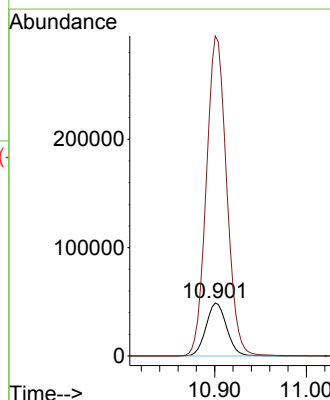
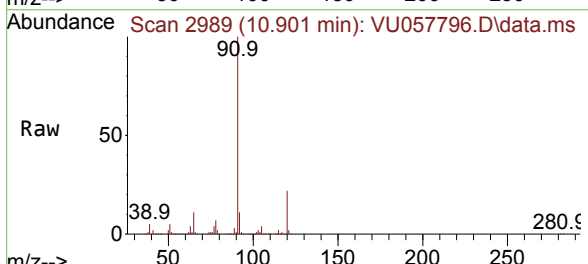
Instrument :
 MSVOA_U
 ClientSampleId :
 PT-ADD-WS

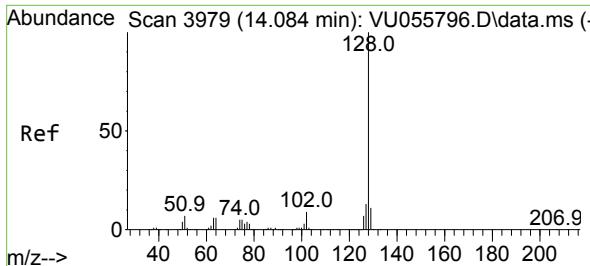
Tgt Ion:120 Resp: 454261
 Ion Ratio Lower Upper
 120 100
 91 466.1 369.8 554.6



#75
 1,3,5-Trimethylbenzene
 Concen: 1.693 ug/l
 RT: 10.901 min Scan# 2989
 Delta R.T. -0.183 min
 Lab File: VU057796.D
 Acq: 02 Feb 2024 16:16

Tgt Ion:105 Resp: 76164
 Ion Ratio Lower Upper
 105 100
 120 596.4 37.8 56.8#

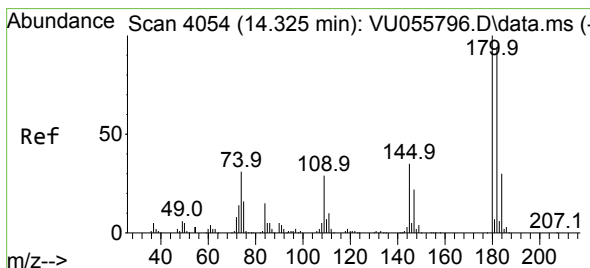
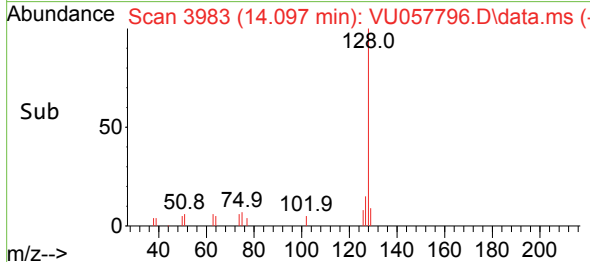
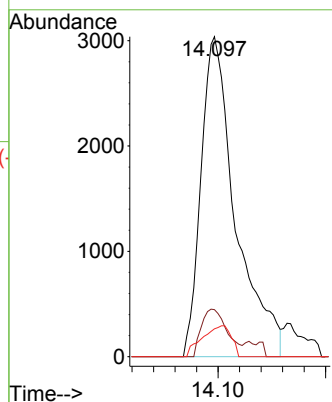
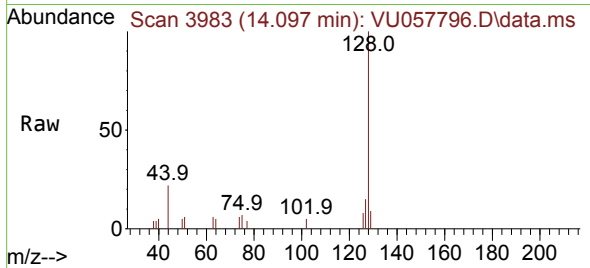




#89
Naphthalene
Concen: 0.348 ug/l
RT: 14.097 min Scan# 3979
Delta R.T. 0.013 min
Lab File: VU057796.D
Acq: 02 Feb 2024 16:16

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#



#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

