

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U091020\
 Data File : VU040089.D
 Acq On : 10 Sep 2020 18:24
 Operator : SY/MD
 Sample : L3961-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4Y32

Quant Time: Sep 11 05:06:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 11 01:49:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	92181	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	91689	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	39783	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	30957	6.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	123.00%
7) Chloroethane-d5	1.92	69	25348	6.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	121.00%
11) 1,1-Dichloroethene-d2	2.58	63	48126	3.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.60%
20) 2-Butanone-d5	4.65	46	103898	51.61	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.22%
24) Chloroform-d	5.08	84	62636	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.60%
26) 1,2-Dichloroethane-d4	5.72	65	37357	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
32) Benzene-d6	5.75	84	111118	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
36) 1,2-Dichloropropane-d6	6.70	67	35866	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	7.91	98	96693	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
43) trans-1,3-Dichloropropene-	8.19	79	14048	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
46) 2-Hexanone-d5	8.64	63	75344	49.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.14%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	32405	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	37121	5.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.40%

Target Compounds

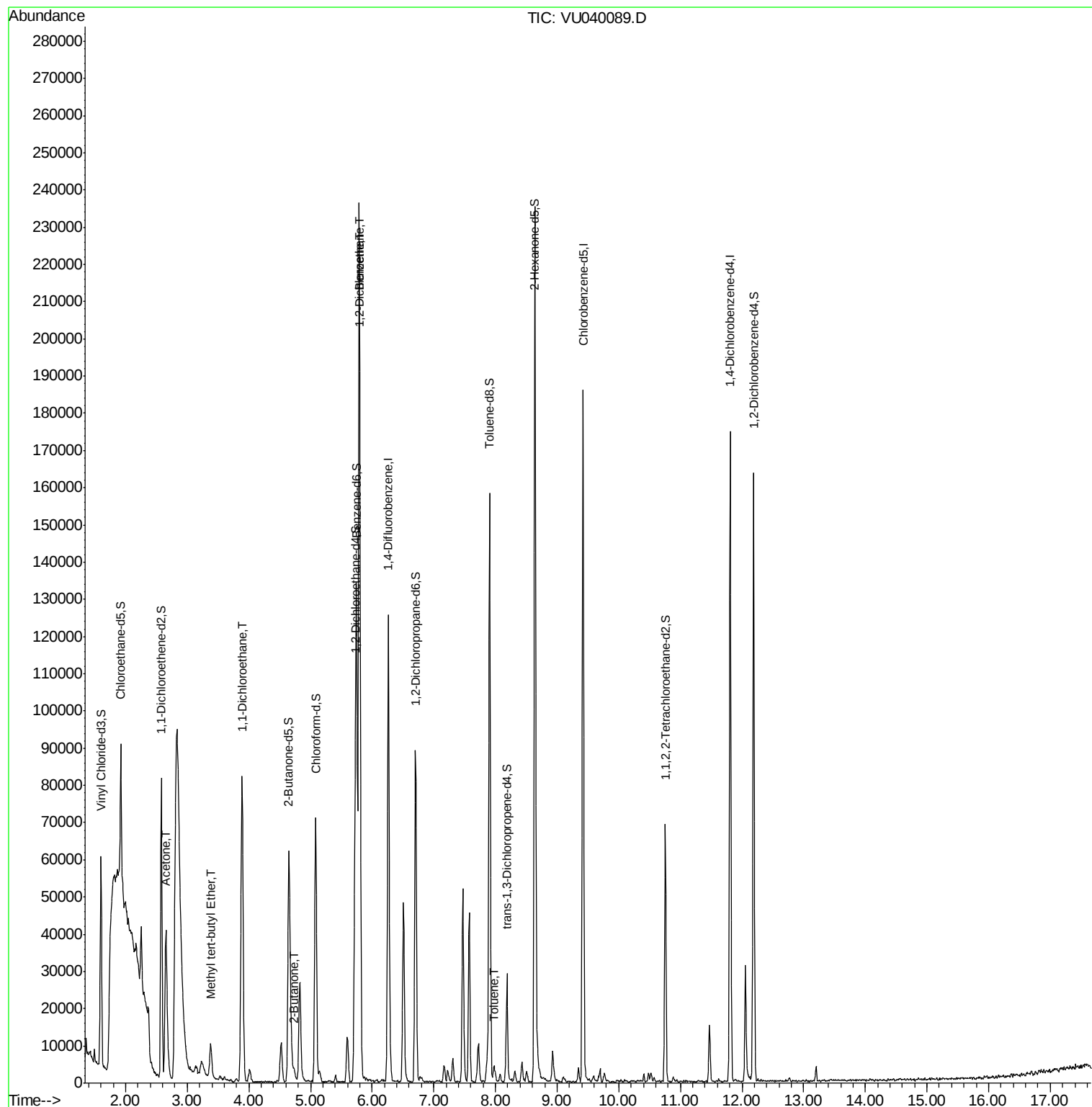
					Ovalue
13) Acetone	2.65	43	64806	34.775 ug/L	97
17) Methyl tert-butyl Ether	3.38	73	8453	0.393 ug/L #	93
19) 1,1-Dichloroethane	3.89	63	91861	5.816 ug/L	98
21) 2-Butanone	4.73	43	4406	1.448 ug/L	92
27) 1,2-Dichloroethane	5.81	62	18305	1.545 ug/L #	94
33) Benzene	5.79	78	203399	6.201 ug/L	100
42) Toluene	7.98	91	2919	0.086 ug/L	100

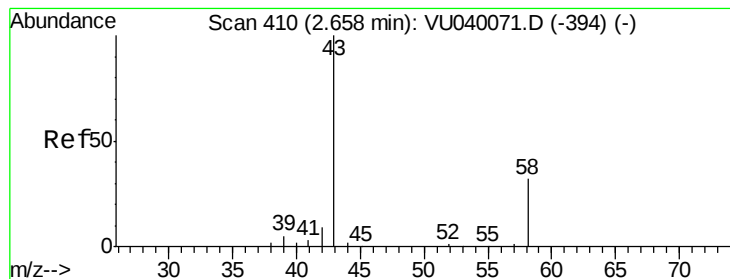
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 34.775 ug/L

RT: 2.65 min Scan# 408

Delta R.T. -0.01 min

Lab File: VU040089.D

Acq: 10 Sep 2020 18:24

Instrument :

MSVOA_U

ClientSampled :

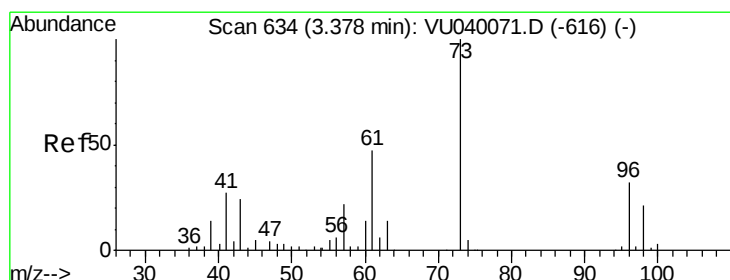
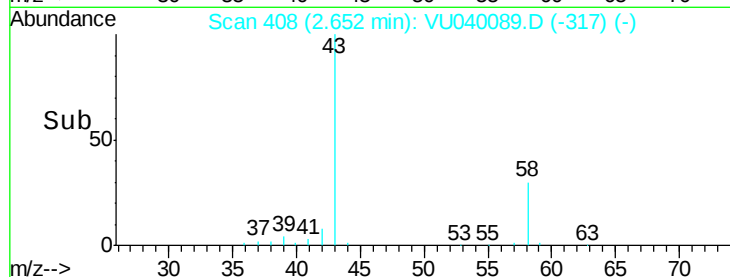
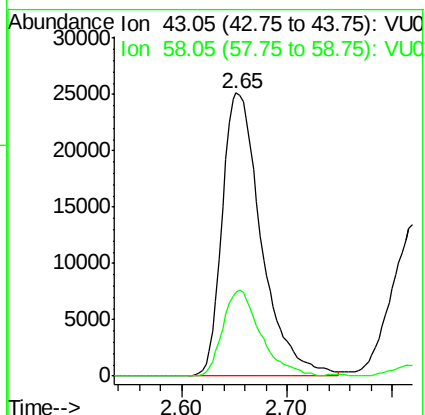
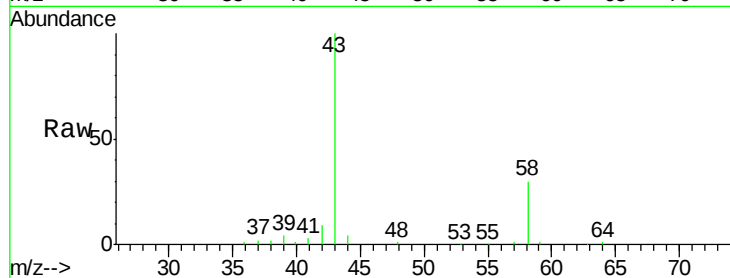
F4Y32

Tot Ion: 43 Resp: 64806

Ion Ratio Lower Upper

43 100

58 29.3 0.0 55.4



#17

Methyl tert-butyl Ether

Concen: 0.393 ug/L

RT: 3.38 min Scan# 635

Delta R.T. 0.00 min

Lab File: VU040089.D

Acq: 10 Sep 2020 18:24

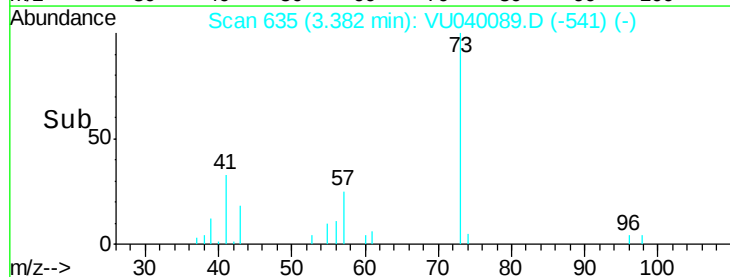
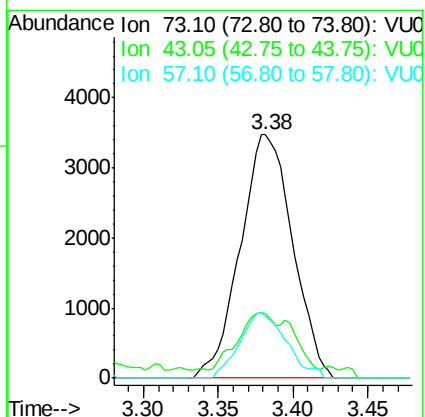
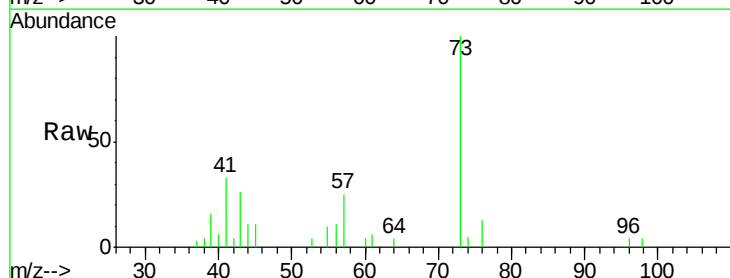
Tgt Ion: 73 Resp: 8453

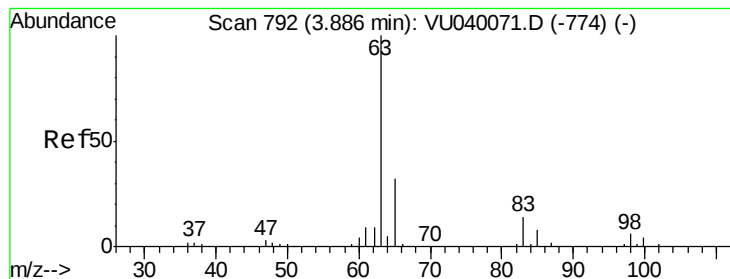
Ion Ratio Lower Upper

73 100

43 17.9 19.1 28.7#

57 23.9 18.3 27.5





#19

1,1-Dichloroethane

Concen: 5.816 ug/L

RT: 3.89 min Scan# 793

Delta R.T. 0.00 min

Lab File: VU040089.D

Acq: 10 Sep 2020 18:24

Instrument :

MSVOA_U

ClientSampleId :

F4Y32

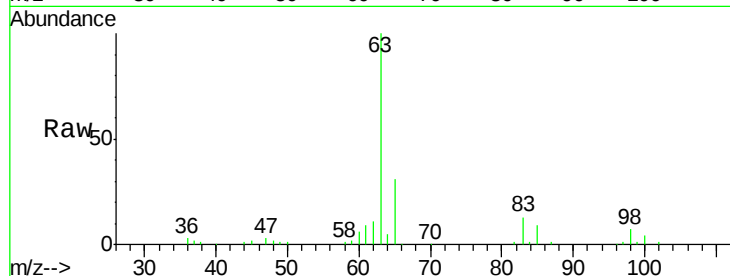
Tot Ion: 63 Resp: 91861

Ion Ratio Lower Upper

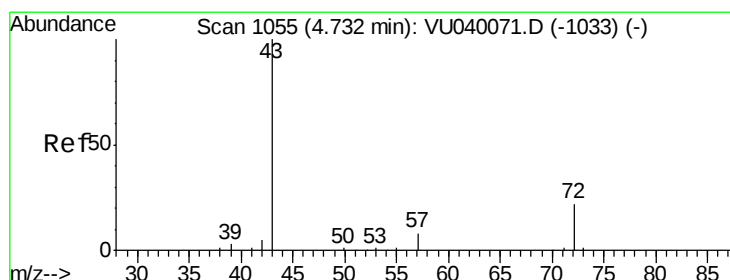
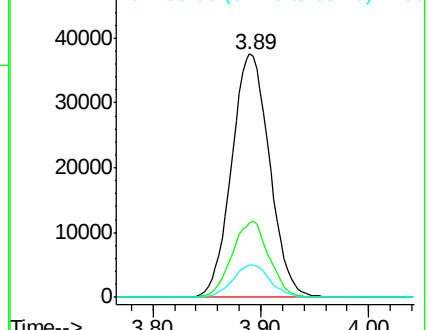
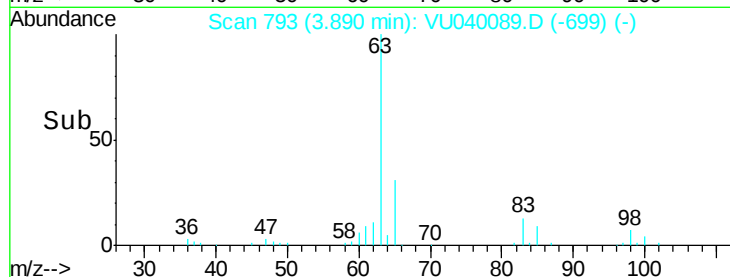
63 100

65 30.5 22.2 41.2

83 13.2 9.4 17.6



Abundance Ion 63.10 (62.80 to 63.80): VU040089.D (-699) (-)



#21

2-Butanone

Concen: 1.448 ug/L

RT: 4.73 min Scan# 1054

Delta R.T. -0.00 min

Lab File: VU040089.D

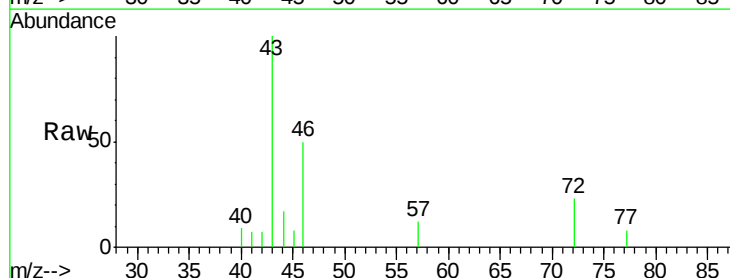
Acq: 10 Sep 2020 18:24

Tgt Ion: 43 Resp: 4406

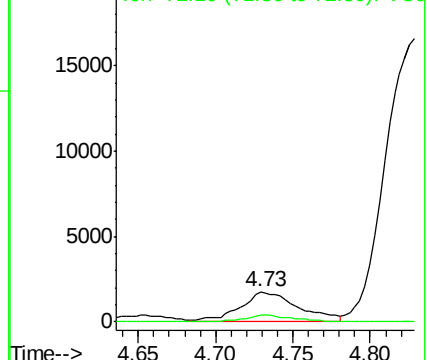
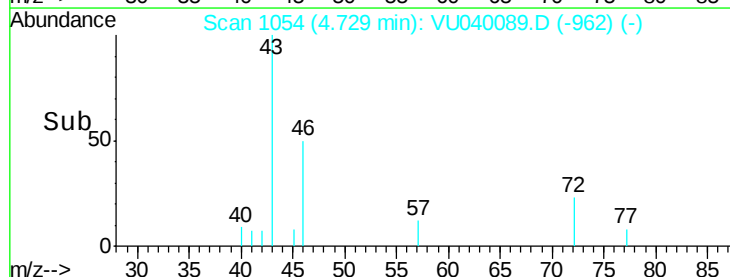
Ion Ratio Lower Upper

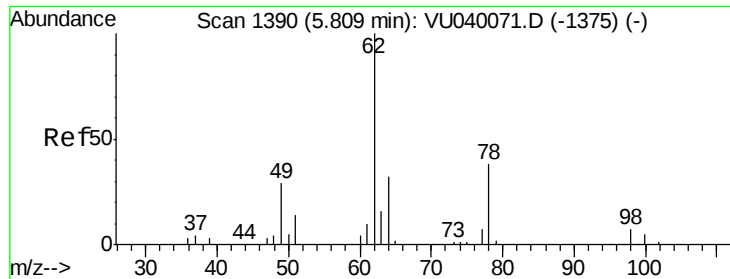
43 100

72 19.6 11.7 35.0



Abundance Ion 43.05 (42.75 to 43.75): VU040089.D (-962) (-)

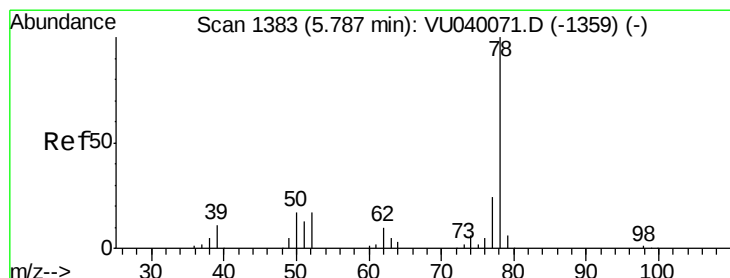
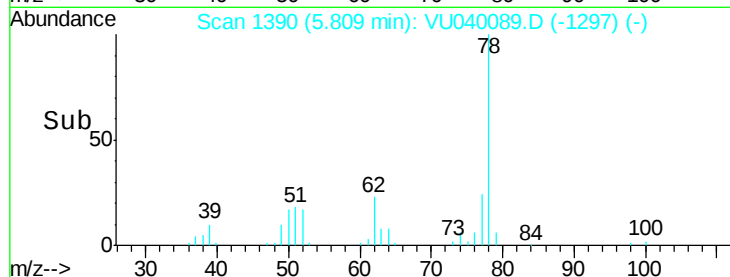
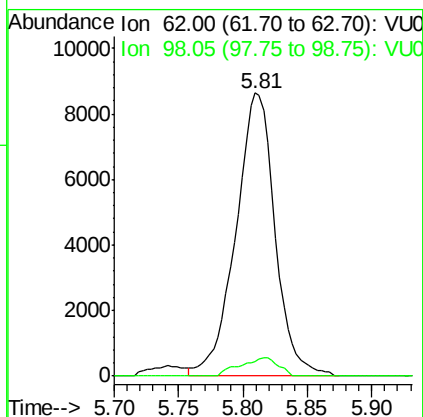
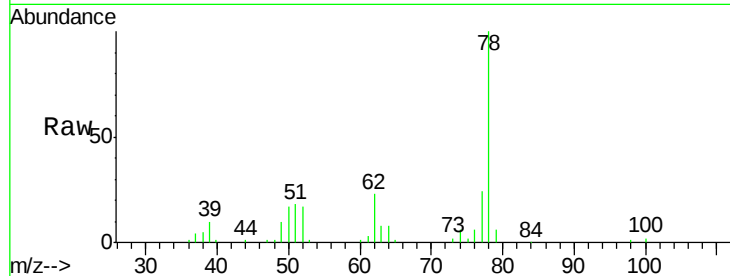




#27
 1,2-Dichloroethane
 Concen: 1.545 ug/L
 RT: 5.81 min Scan# 1390
 Delta R.T. 0.00 min
 Lab File: VU040089.D
 Acq: 10 Sep 2020 18:24

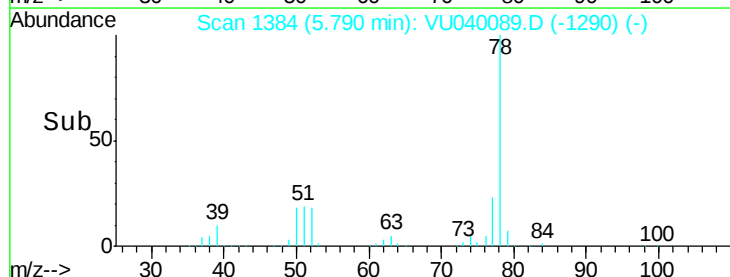
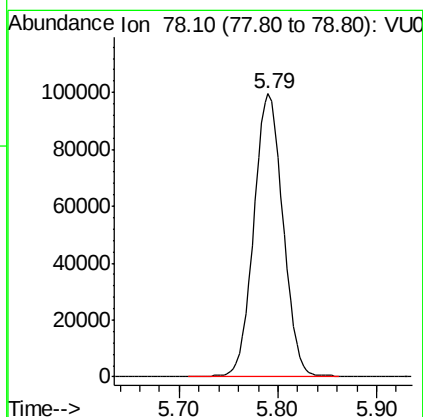
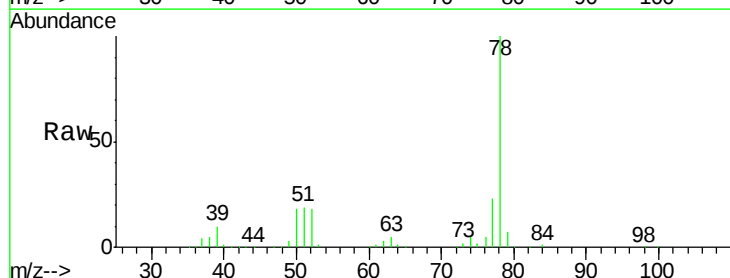
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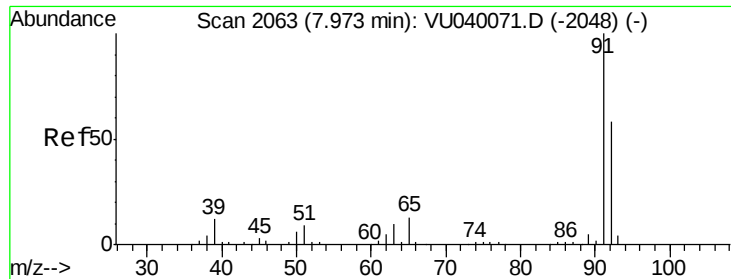
Tot Ion: 62 Resp: 18305
 Ion Ratio Lower Upper
 62 100
 98 5.4 6.1 9.1#



#33
 Benzene
 Concen: 6.201 ug/L
 RT: 5.79 min Scan# 1384
 Delta R.T. 0.00 min
 Lab File: VU040089.D
 Acq: 10 Sep 2020 18:24

Tgt Ion: 78 Resp: 203399





#42

Toluene

Concen: 0.086 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VU040089.D

Acq: 10 Sep 2020 18:24

Instrument :

MSVOA_U

ClientSampleId :

F4Y32

Tot Ion: 91 Resp: 2919

Ion Ratio Lower Upper

91 100

92 58.3 40.7 75.5

