

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U060920\
 Data File : VU038704.D
 Acq On : 09 Jun 2020 06:41
 Operator : SY/MD
 Sample : L2913-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D75

Quant Time: Jun 09 07:57:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 09 07:55:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	554205	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	545088	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	255198	50.00	ug/L	0.00

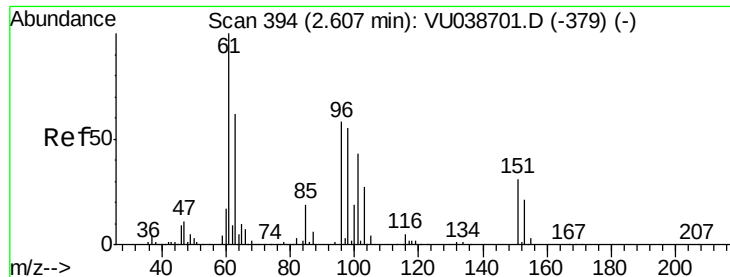
System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	183760	59.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	118.70%
7) Chloroethane-d5	1.93	69	147469	61.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	122.78%
11) 1,1-Dichloroethene-d2	2.59	63	285763	42.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.70%
21) 2-Butanone-d5	4.66	46	348287	115.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.62%
24) Chloroform-d	5.10	84	355606	53.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.54%
26) 1,2-Dichloroethane-d4	5.74	65	245347	55.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.90%
32) Benzene-d6	5.76	84	749198	57.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.12%
36) 1,2-Dichloropropane-d6	6.72	67	226908	56.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	112.14%
41) Toluene-d8	7.92	98	644044	54.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.56%
43) trans-1,3-Dichloropropene-	8.20	79	109239	53.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.24%
47) 2-Hexanone-d5	8.65	63	260341	120.87	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	120.87%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	328613	54.44	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.88%
64) 1,2-Dichlorobenzene-d4	12.20	152	259035	58.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	116.92%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2585	0.726 ug/L #	21
13) Acetone	2.66	43	6467	2.664 ug/L	93
27) 1,2-Dichloroethane	5.83	62	276631	45.936 ug/L	98
39) cis-1,3-Dichloropropene	7.59	75	7240	1.113 ug/L #	71
59) 1,2,3-Trichloropropane	11.82	75	31963	5.404 ug/L	91

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



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.726 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.02 min

Lab File: VU038704.D

Acq: 09 Jun 2020 06:41

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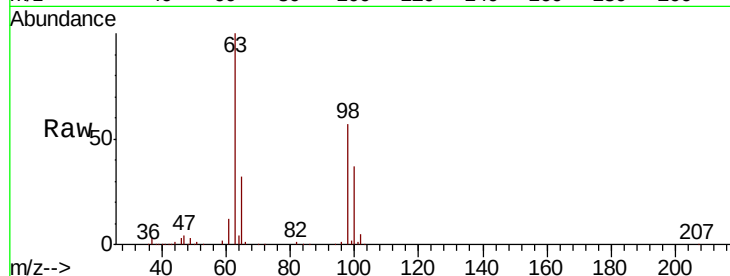
Tot Ion:101 Resp: 2585

Ion Ratio Lower Upper

101 100

85 0.0 35.1 52.7#

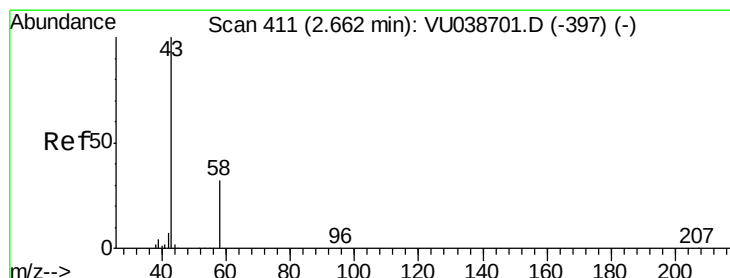
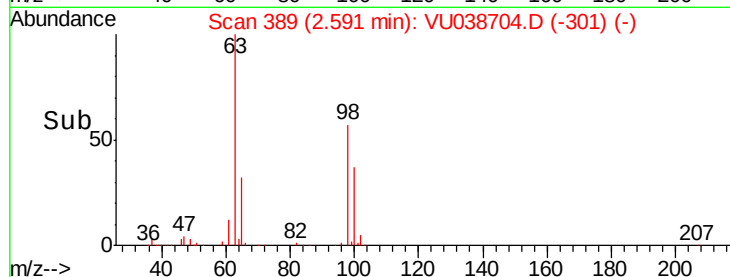
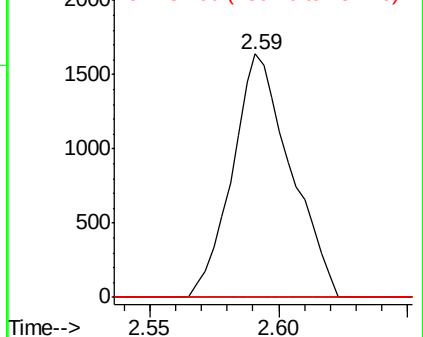
151 0.0 57.4 86.0#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 2.664 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.00 min

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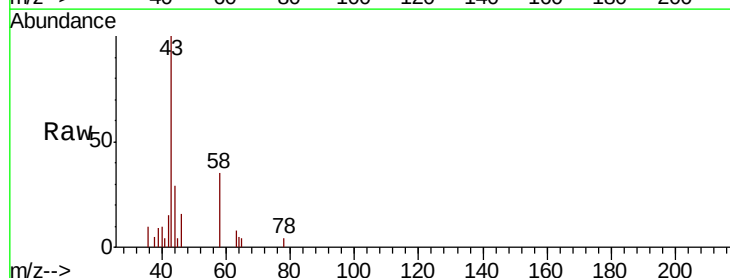
Acq: 09 Jun 2020 06:41

Tgt Ion: 43 Resp: 6467

Ion Ratio Lower Upper

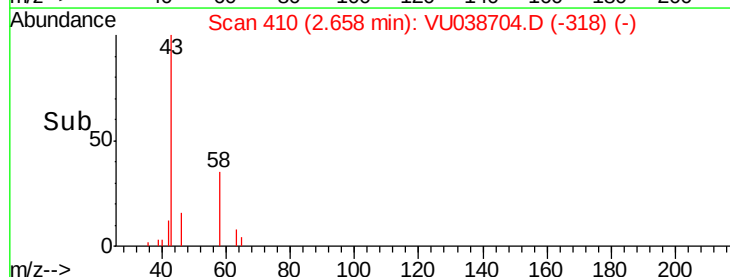
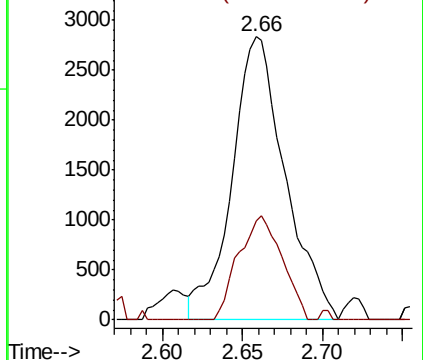
43 100

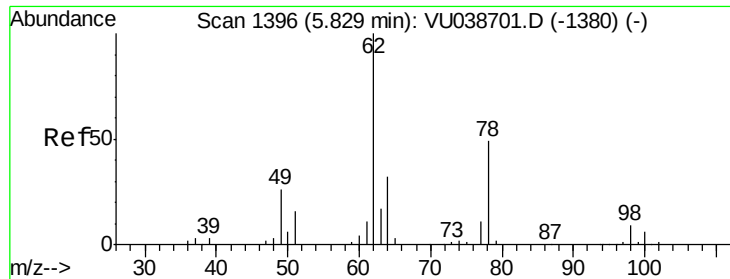
58 30.0 0.0 67.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

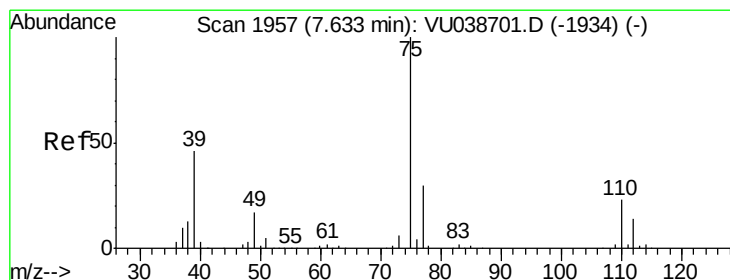
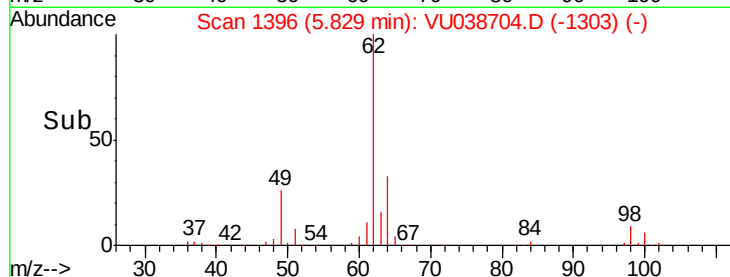
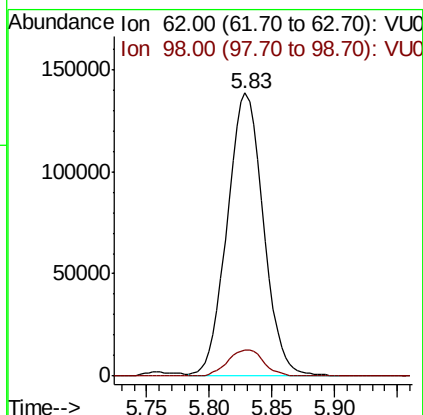
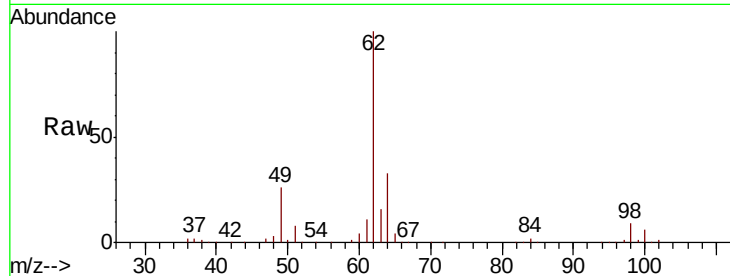




#27
 1,2-Dichloroethane
 Concen: 45.936 ug/L
 RT: 5.83 min Scan# 1396
 Delta R.T. -0.00 min
 Lab File: VU038704.D
 Acq: 09 Jun 2020 06:41

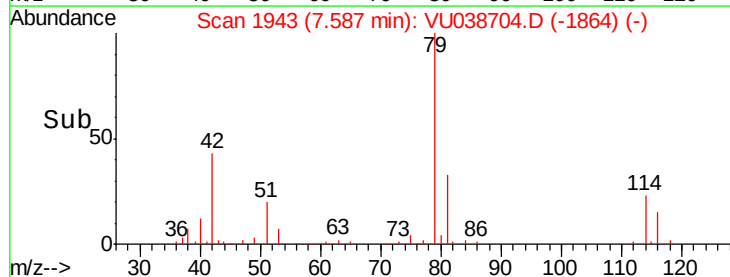
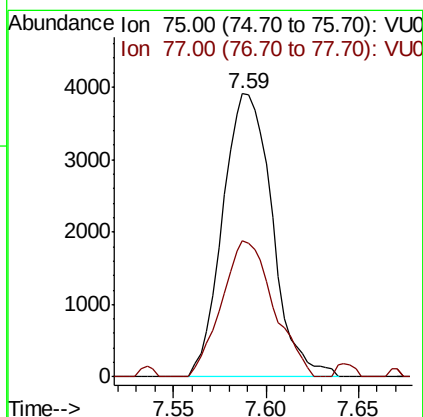
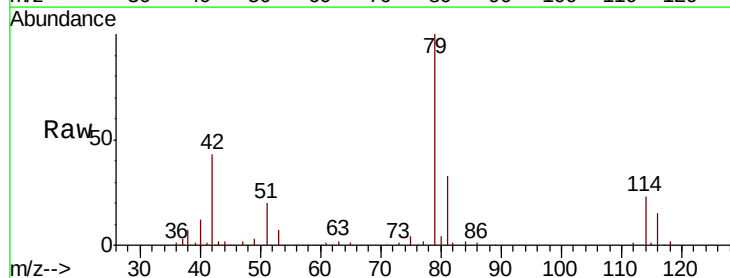
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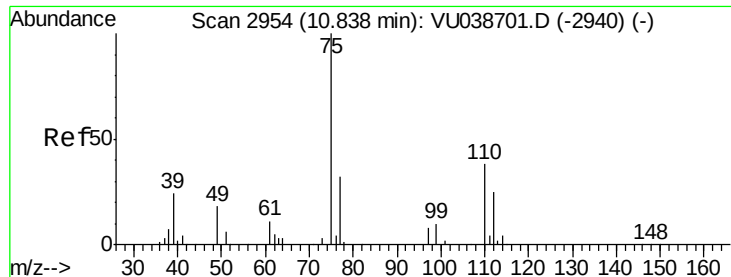
Tot Ion: 62 Resp: 276631
 Ion Ratio Lower Upper
 62 100
 98 9.1 7.8 11.6



#39
 cis-1,3-Dichloropropene
 Concen: 1.113 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.05 min
 Lab File: VU038704.D
 Acq: 09 Jun 2020 06:41

Tgt Ion: 75 Resp: 7240
 Ion Ratio Lower Upper
 75 100
 77 48.0 22.2 41.2#





#59
 1,2,3-Trichloropropane
 Concen: 5.404 ug/L
 RT: 11.82 min Scan# 3260
 Delta R.T. 0.98 min
 Lab File: VU038704.D
 Acq: 09 Jun 2020 06:41

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D75

Tot Ion: 75 Resp: 31963
 Ion Ratio Lower Upper
 75 100
 77 36.4 25.3 37.9

