

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060920\
 Data File : VU038718.D
 Acq On : 09 Jun 2020 12:53
 Operator : SY/MD
 Sample : L2913-18
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9E60

Quant Time: Jun 10 00:36:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 10 00:33:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	619452	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	617348	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	296386	50.00	ug/L	0.00

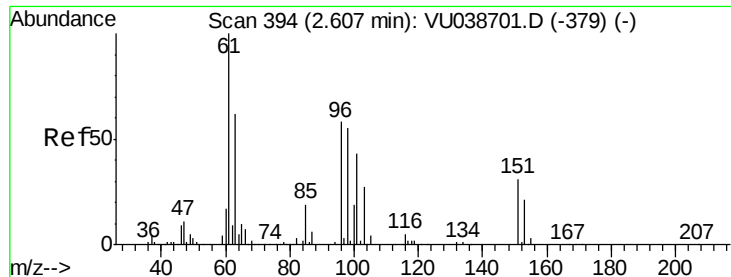
System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	193086	55.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	111.58%
7) Chloroethane-d5	1.93	69	159020	59.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	118.46%
11) 1,1-Dichloroethene-d2	2.59	63	304412	40.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.72%
21) 2-Butanone-d5	4.66	46	378511	112.42	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.42%
24) Chloroform-d	5.10	84	388793	52.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.20%
26) 1,2-Dichloroethane-d4	5.74	65	264740	53.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.06%
32) Benzene-d6	5.76	84	816024	54.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.74%
36) 1,2-Dichloropropane-d6	6.72	67	253681	55.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.70%
41) Toluene-d8	7.92	98	727238	54.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.24%
43) trans-1,3-Dichloropropene-	8.20	79	113552	49.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.42%
47) 2-Hexanone-d5	8.65	63	276847	113.48	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.48%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	362416	53.01	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.02%
64) 1,2-Dichlorobenzene-d4	12.20	152	287922	55.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.90%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2826	0.710 ug/L #	21
13) Acetone	2.66	43	9626	3.548 ug/L	96
27) 1,2-Dichloroethane	5.83	62	89412	13.283 ug/L	100
33) Benzene	5.81	78	41406	2.259 ug/L	100
39) cis-1,3-Dichloropropene	7.59	75	8068	1.095 ug/L #	78

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



#10

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

Concen: 0.710 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.02 min

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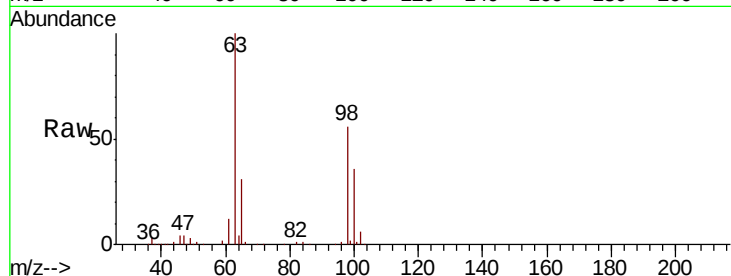
Tot Ion:101 Resp: 2826

Ion Ratio Lower Upper

101 100

85 0.0 35.1 52.7#

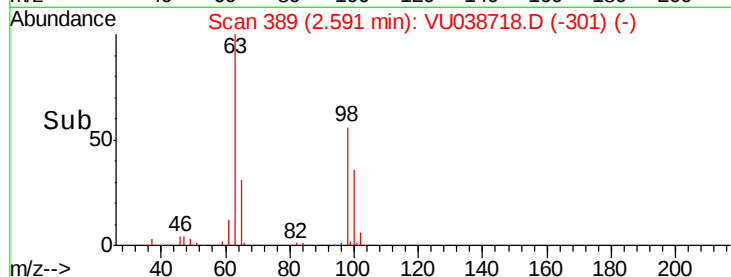
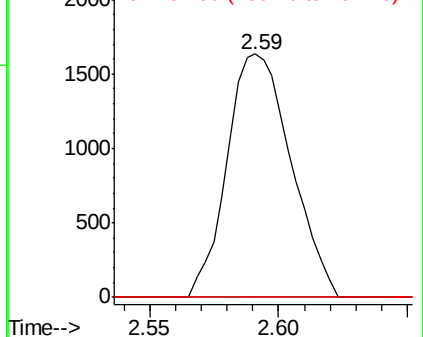
151 0.0 57.4 86.0#



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: 3.548 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.00 min

Lab File: VU038718.D

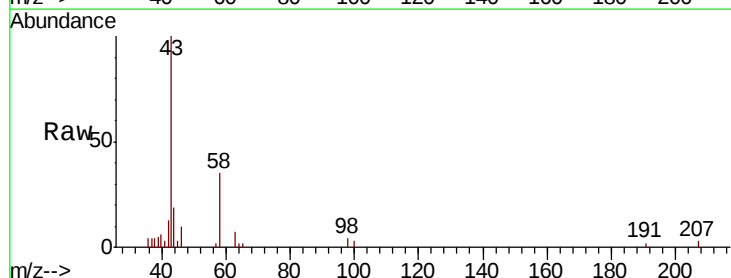
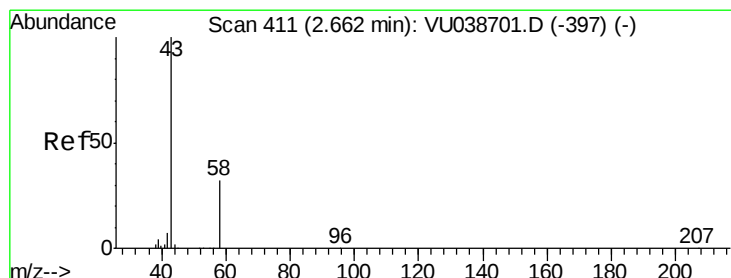
Acq: 09 Jun 2020 12:53

Tgt Ion: 43 Resp: 9626

Ion Ratio Lower Upper

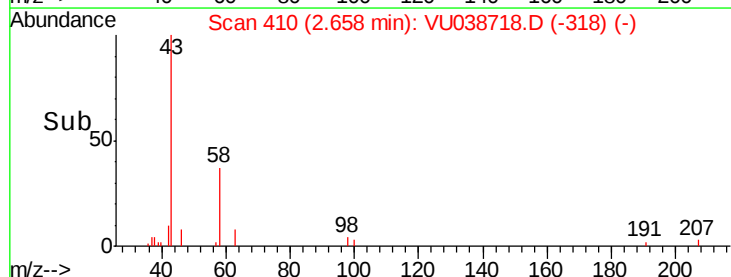
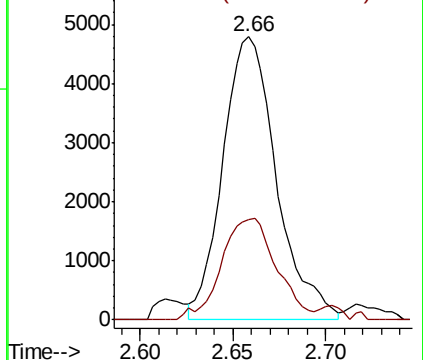
43 100

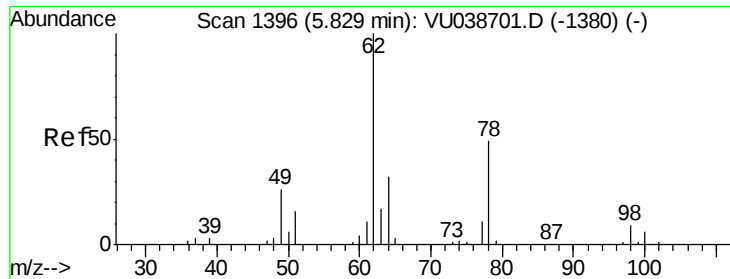
58 35.8 0.0 67.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

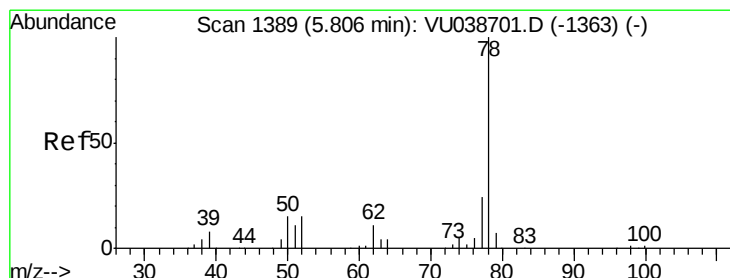
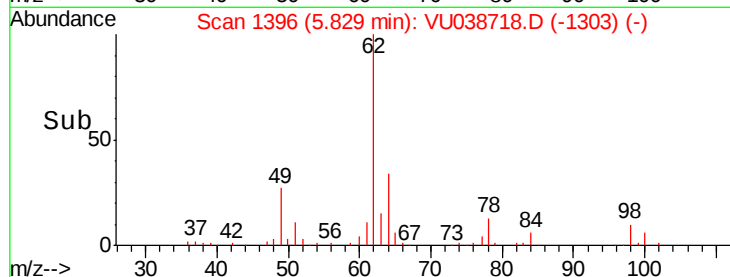
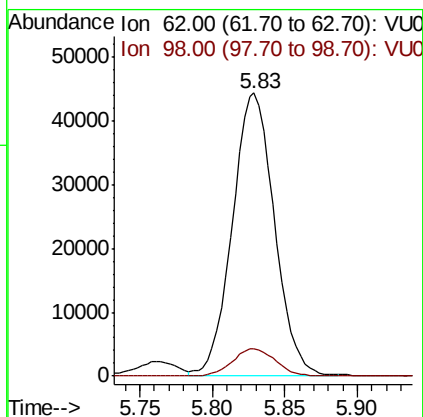
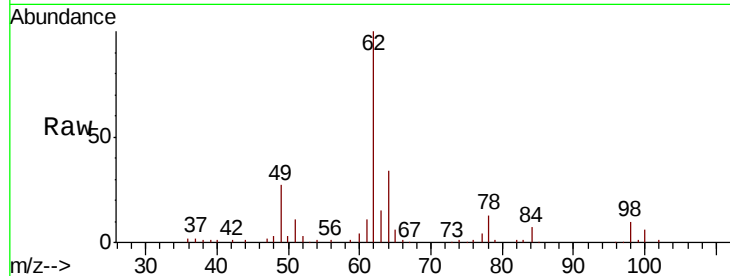




#27
 1,2-Dichloroethane
 Concen: 13.283 ug/L
 RT: 5.83 min Scan# 1396
 Delta R.T. -0.00 min
 Lab File: VU038718.D
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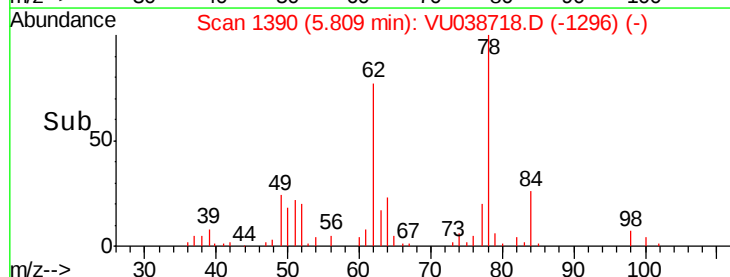
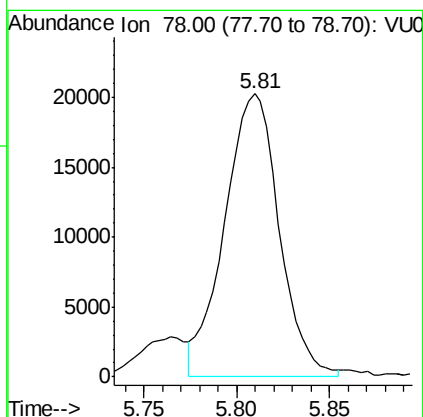
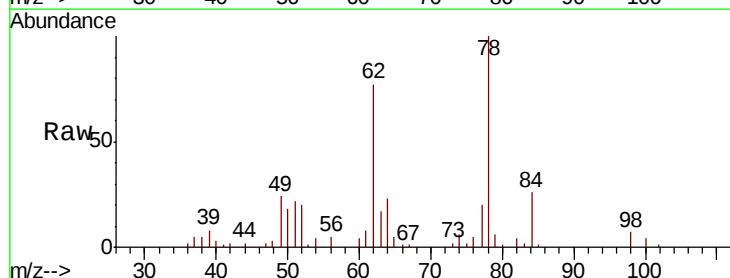
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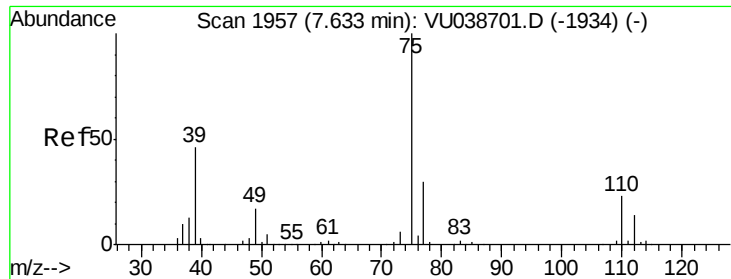
Tot Ion: 62 Resp: 89412
 Ion Ratio Lower Upper
 62 100
 98 9.6 7.8 11.6



#33
 Benzene
 Concen: 2.259 ug/L
 RT: 5.81 min Scan# 1390
 Delta R.T. 0.00 min
 Lab File: VU038718.D
 Acq: 09 Jun 2020 12:53

Tgt Ion: 78 Resp: 41406





#39
 cis-1,3-Dichloropropene
 Concen: 1.095 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038718.D
 Acq: 09 Jun 2020 12:53

Instrument :
 MSVOA_U
 ClientSampleId :
 F9E60

Tot Ion: 75 Resp: 8068
 Ion Ratio Lower Upper
 75 100
 77 44.2 22.2 41.2#

