

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040920\
 Data File : VU037623.D
 Acq On : 09 Apr 2020 17:15
 Operator : JC/MD
 Sample : L1885-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 10 03:14:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 10 03:10:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	557630	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	528724	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	254461	50.00	ug/L	0.00

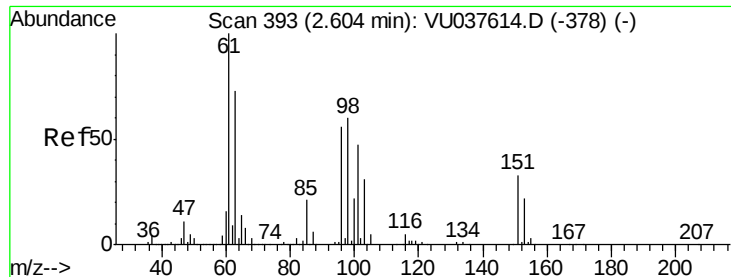
System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	225777	46.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.64%
7) Chloroethane-d5	1.93	69	191226	48.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.08%
11) 1,1-Dichloroethene-d2	2.59	63	285418	35.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.86%
21) 2-Butanone-d5	4.66	46	382898	96.94	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.94%
24) Chloroform-d	5.10	84	354418	48.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.76%
26) 1,2-Dichloroethane-d4	5.74	65	250328	50.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.60%
32) Benzene-d6	5.76	84	784553	50.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.88%
36) 1,2-Dichloropropane-d6	6.72	67	261963	50.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.18%
41) Toluene-d8	7.92	98	709335	49.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.36%
43) trans-1,3-Dichloropropene-	8.20	79	134294	47.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.96%
47) 2-Hexanone-d5	8.65	63	291726	98.41	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.41%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	357878	48.93	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.86%
64) 1,2-Dichlorobenzene-d4	12.20	152	262014	49.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.96%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2785	0.792 ug/L	# 23
13) Acetone	2.66	43	14543	6.235 ug/L	96
25) Chloroform	5.13	83	9198	1.304 ug/L	96
59) 1,2,3-Trichloropropane	11.83	75	33160	5.521 ug/L	91

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



#10

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

Concen: 0.792 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.01 min

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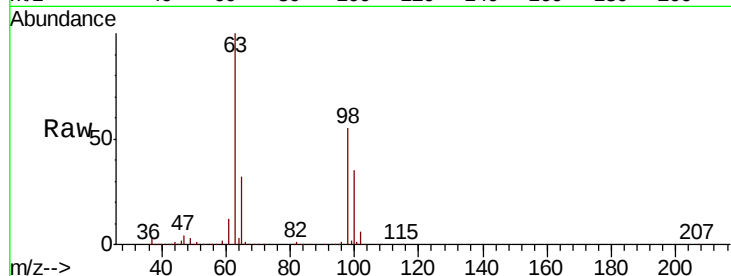
Tot Ion:101 Resp: 2785

Ion Ratio Lower Upper

101 100

85 3.3 34.5 51.7#

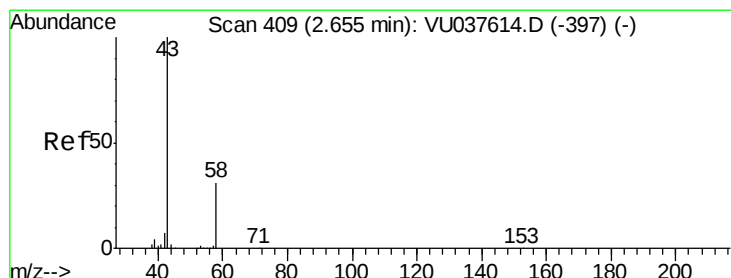
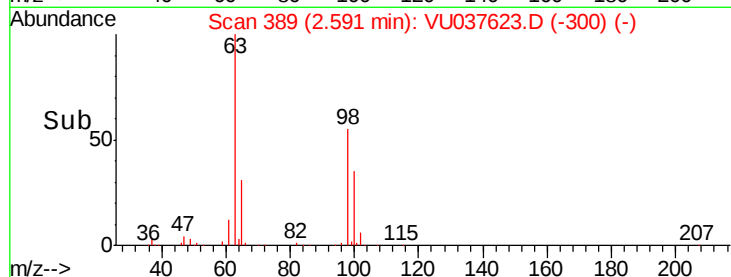
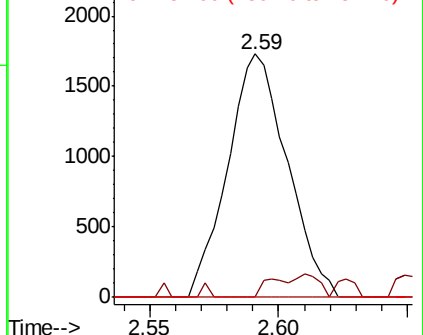
151 0.0 56.8 85.2#



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: 6.235 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

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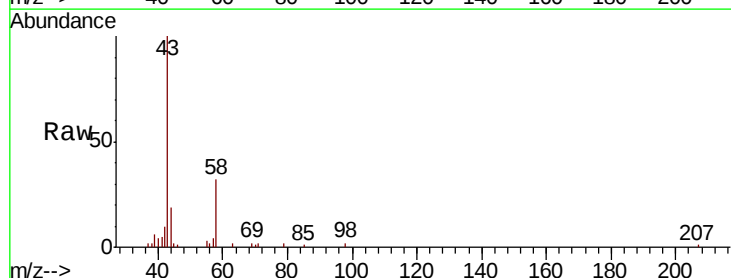
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Tgt Ion: 43 Resp: 14543

Ion Ratio Lower Upper

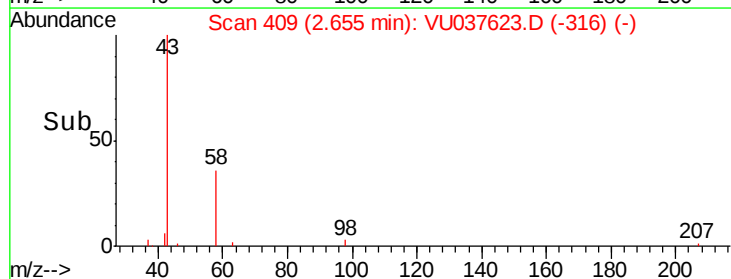
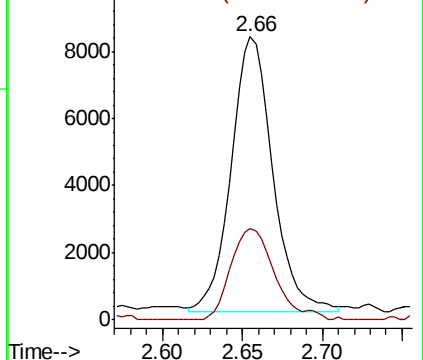
43 100

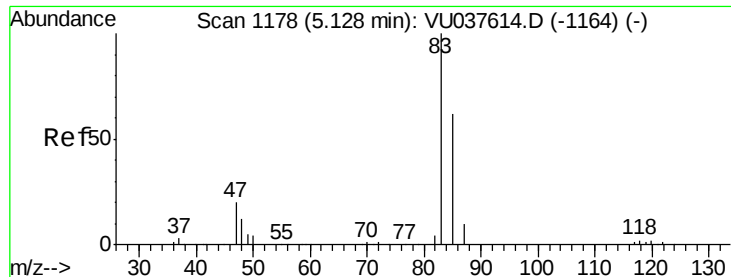
58 33.7 0.0 63.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

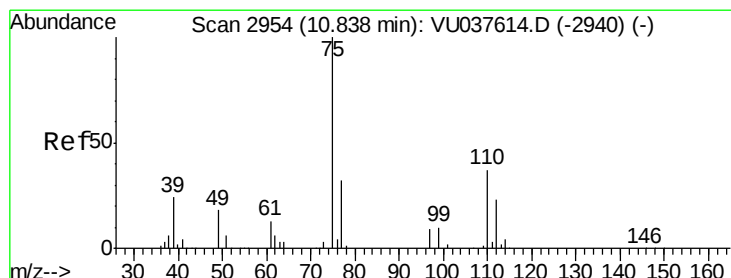
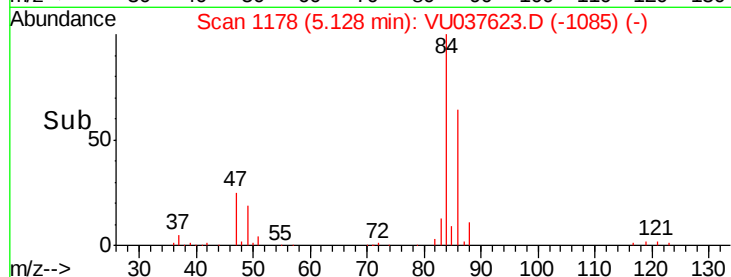
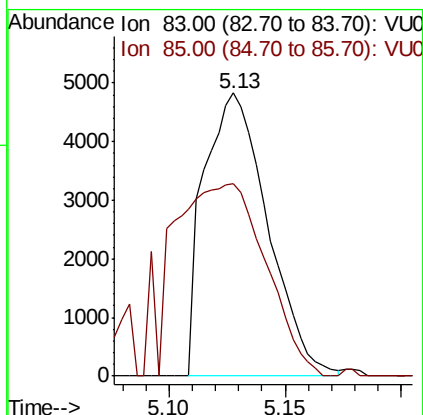
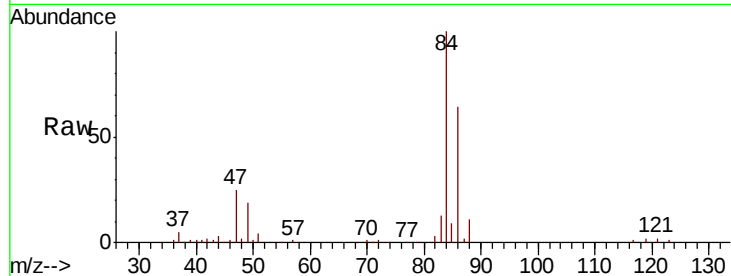




#25
Chloroform
Concen: 1.304 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
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Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 83 Resp: 9198
Ion Ratio Lower Upper
83 100
85 68.2 45.5 84.5



#59
1,2,3-Trichloropropane
Concen: 5.521 ug/L
RT: 11.83 min Scan# 3261
Delta R.T. 0.99 min
Lab File: VU037623.D
Acq: 09 Apr 2020 17:15

Tgt Ion: 75 Resp: 33160
Ion Ratio Lower Upper
75 100
77 37.3 25.6 38.4

