

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011420\
 Data File : VU036457.D
 Acq On : 14 Jan 2020 22:24
 Operator : JC/MD
 Sample : L1117-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 15 00:45:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 15 00:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	477569	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	446636	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	162035	50.00	ug/L	0.00

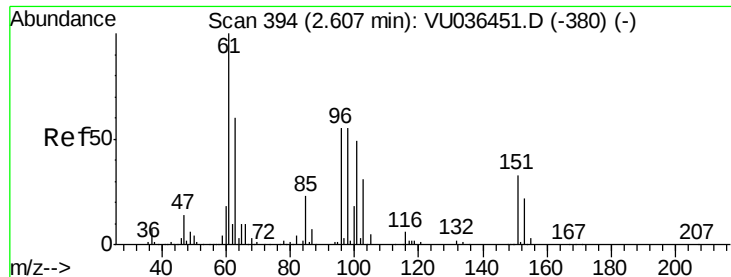
System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	184271	59.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	119.02%
7) Chloroethane-d5	1.93	69	154975	57.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	115.64%
11) 1,1-Dichloroethene-d2	2.59	63	260313	43.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.58%
21) 2-Butanone-d5	4.68	46	285146	107.12	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.12%
24) Chloroform-d	5.11	84	334981	54.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.68%
26) 1,2-Dichloroethane-d4	5.75	65	230797	56.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.64%
32) Benzene-d6	5.77	84	668387	57.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.44%
36) 1,2-Dichloropropane-d6	6.73	67	213654	56.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	112.48%
41) Toluene-d8	7.93	98	617494	55.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.78%
43) trans-1,3-Dichloropropene-	8.21	79	112276	54.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	109.72%
47) 2-Hexanone-d5	8.67	63	203311	104.44	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.44%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	308193	53.94	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.88%
64) 1,2-Dichlorobenzene-d4	12.22	152	179412	56.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.42%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2603	0.914	ug/L #	31
13) Acetone	2.66	43	11825	4.104	ug/L	73
44) trans-1,3-Dichloropropene	8.21	75	5930	1.163	ug/L	84
48) 2-Hexanone	8.72	43	12245	2.829	ug/L #	71

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



#10

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

Concen: 0.914 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU036457.D

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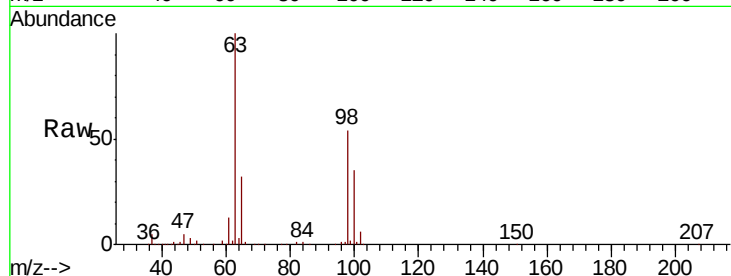
Tot Ion:101 Resp: 2603

Ion Ratio Lower Upper

101 100

85 5.6 36.7 55.1#

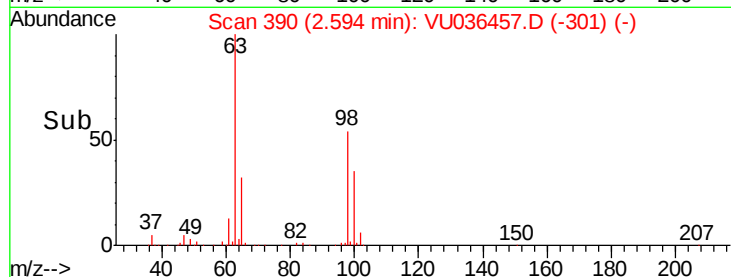
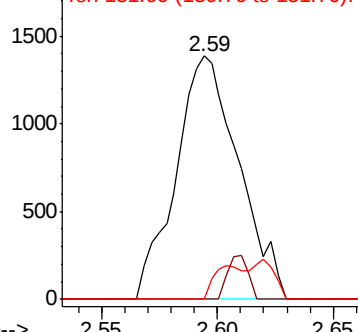
151 7.3 53.3 79.9#



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: 4.104 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.00 min

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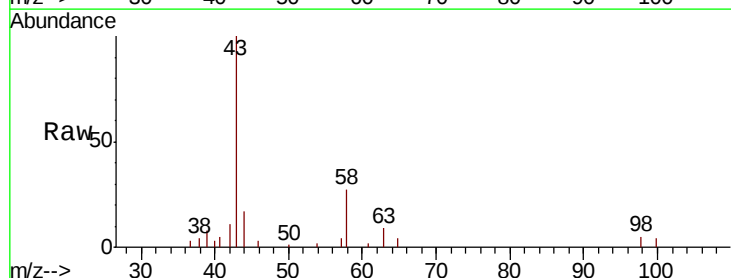
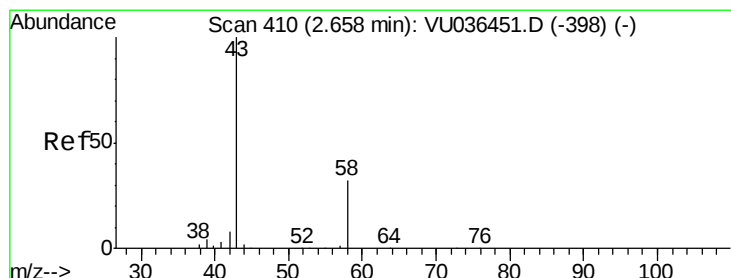
Acq: 14 Jan 2020 22:24

Tgt Ion: 43 Resp: 11825

Ion Ratio Lower Upper

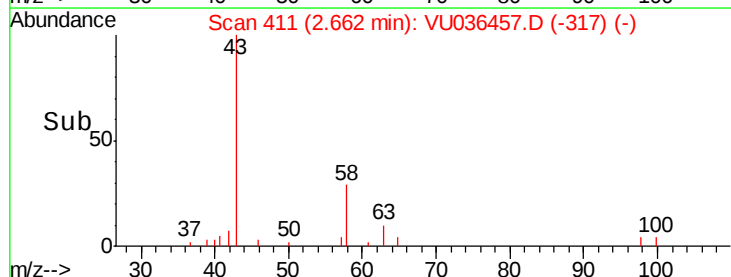
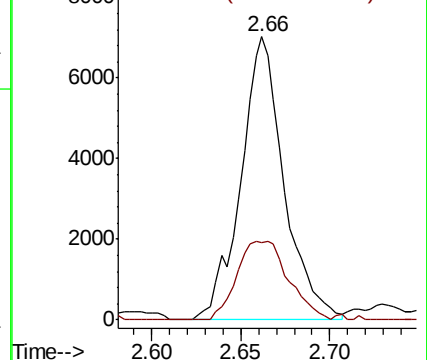
43 100

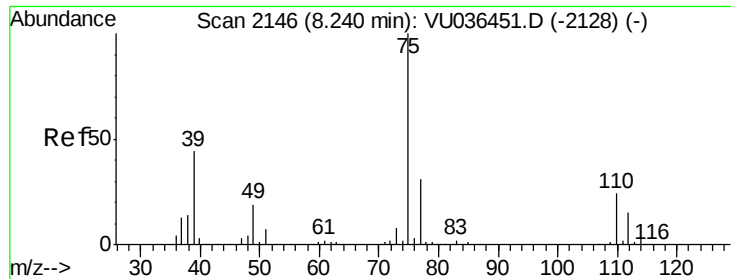
58 17.1 0.0 65.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

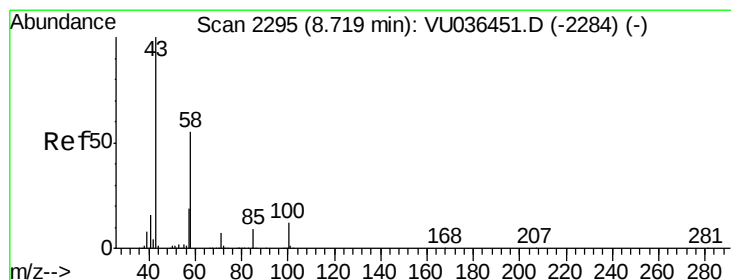
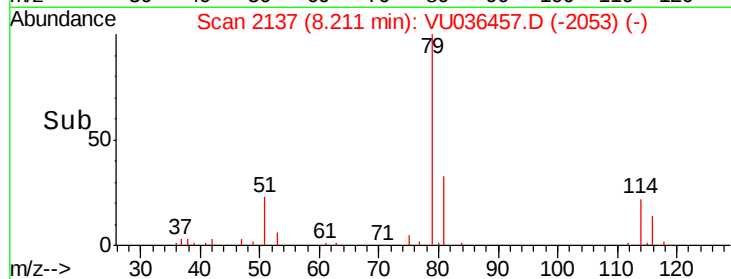
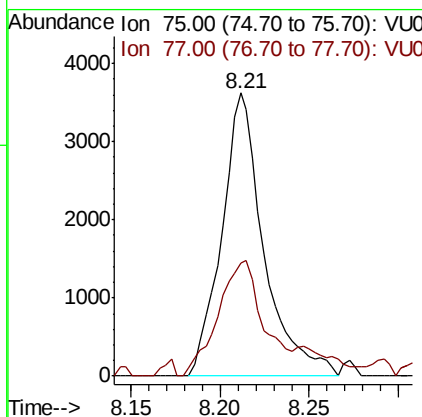
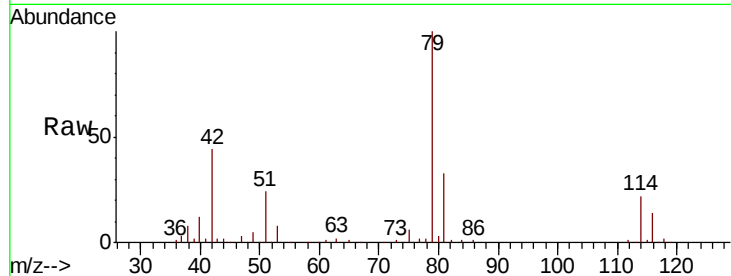




#44
trans-1,3-Dichloropropene
Concen: 1.163 ug/L
RT: 8.21 min Scan# 2137
Delta R.T. -0.03 min
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Tot Ion: 75 Resp: 5930
Ion Ratio Lower Upper
75 100
77 39.9 21.8 40.4



#48
2-Hexanone
Concen: 2.829 ug/L
RT: 8.72 min Scan# 2294
Delta R.T. -0.00 min
Lab File: VU036457.D
Acq: 14 Jan 2020 22:24

Tgt Ion: 43 Resp: 12245
Ion Ratio Lower Upper
43 100
58 31.7 43.7 65.5#
57 6.9 14.7 22.1#
100 4.8 9.4 14.0#

