

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110719\
 Data File : VU035665.D
 Acq On : 07 Nov 2019 17:26
 Operator : JC/SP
 Sample : K5739-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CQ8

Quant Time: Nov 08 06:16:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 08 06:13:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	721769	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	695810	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	206006	50.00	ug/L	0.00

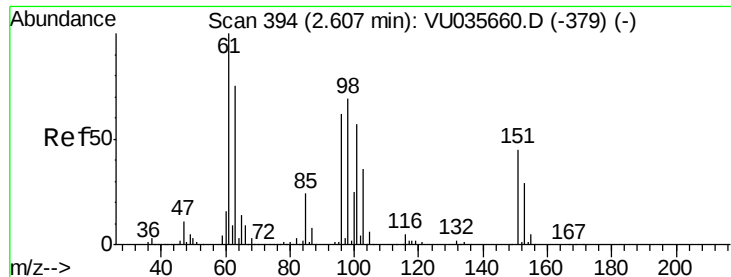
System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	283161	48.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.14%
7) Chloroethane-d5	1.93	69	241060	51.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.56%
11) 1,1-Dichloroethene-d2	2.60	63	340413	37.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.10%
21) 2-Butanone-d5	4.69	46	344156	101.07	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.07%
24) Chloroform-d	5.11	84	448342	49.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	5.75	65	280862	50.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.86%
32) Benzene-d6	5.77	84	962655	53.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.14%
36) 1,2-Dichloropropane-d6	6.74	67	309259	52.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.16%
41) Toluene-d8	7.93	98	871537	50.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.88%
43) trans-1,3-Dichloropropene-	8.21	79	131702	48.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.22%
47) 2-Hexanone-d5	8.68	63	225466	100.02	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.02%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	406803	48.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.26%
64) 1,2-Dichlorobenzene-d4	12.22	152	228109	54.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.80%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	3404	0.758 ug/L	# 20
13) Acetone	2.67	43	14784	4.935 ug/L	96
59) 1,2,3-Trichloropropane	11.84	75	22371	3.276 ug/L	96

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



#10

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

Concen: 0.758 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

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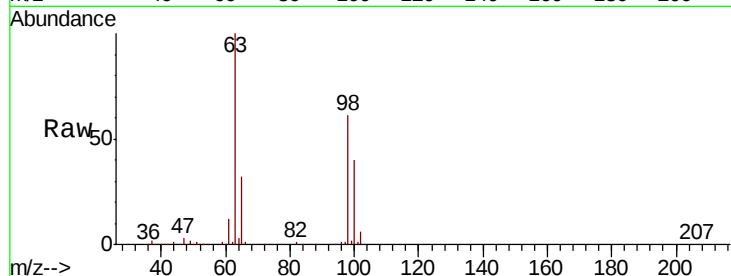
Tot Ion:101 Resp: 3404

Ion Ratio Lower Upper

101 100

85 0.0 34.0 51.0#

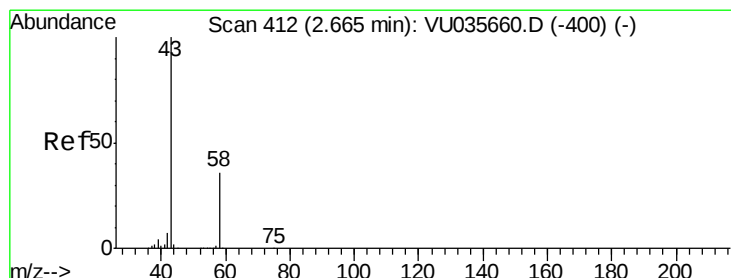
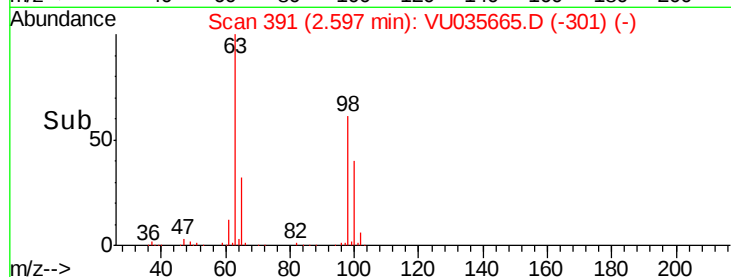
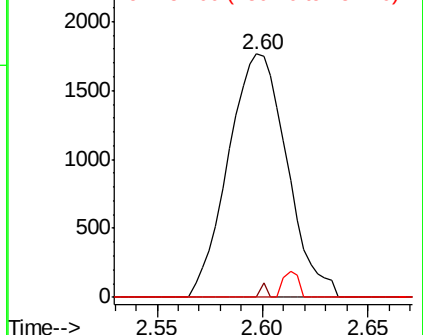
151 2.8 64.2 96.4#



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: 4.935 ug/L

RT: 2.67 min Scan# 413

Delta R.T. 0.00 min

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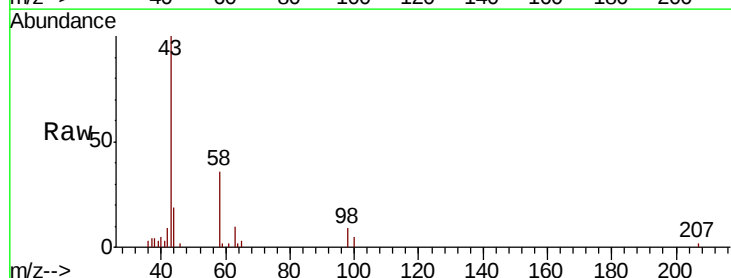
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Tgt Ion: 43 Resp: 14784

Ion Ratio Lower Upper

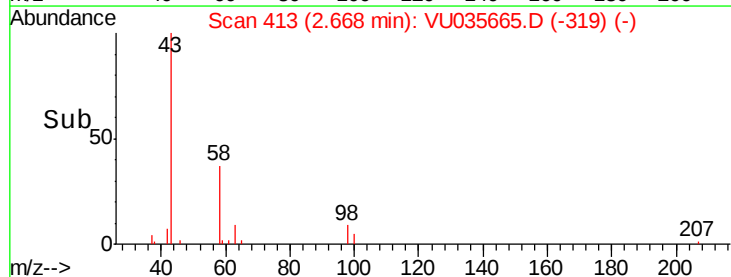
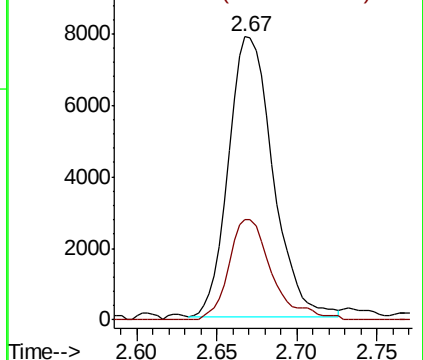
43 100

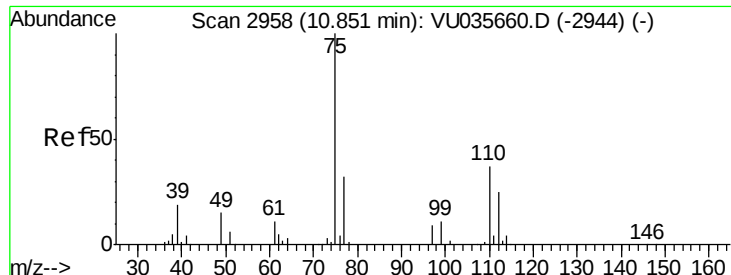
58 32.8 0.0 70.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#59

1,2,3-Trichloropropane

Concen: 3.276 ug/L

RT: 11.84 min Scan# 3267

Delta R.T. 0.99 min

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Tot Ion: 75 Resp: 22371

Ion Ratio Lower Upper

75 100

77 34.1 25.7 38.5

