

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110719\
 Data File : VU035679.D
 Acq On : 07 Nov 2019 22:49
 Operator : JC/SP
 Sample : K5697-14
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AB4

Quant Time: Nov 08 06:17:45 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	678650	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	659217	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	190399	50.00	ug/L	0.00

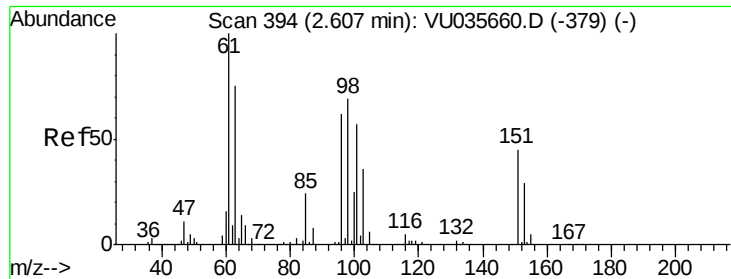
System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	261515	47.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.42%
7) Chloroethane-d5	1.93	69	216780	49.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.04%
11) 1,1-Dichloroethene-d2	2.60	63	307889	36.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.24%
21) 2-Butanone-d5	4.69	46	312617	97.64	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.64%
24) Chloroform-d	5.11	84	409294	48.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.70%
26) 1,2-Dichloroethane-d4	5.75	65	259405	50.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.04%
32) Benzene-d6	5.77	84	874673	50.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.80%
36) 1,2-Dichloropropane-d6	6.74	67	279375	50.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.28%
41) Toluene-d8	7.93	98	782354	48.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.54%
43) trans-1,3-Dichloropropene-	8.22	79	117833	45.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.82%
47) 2-Hexanone-d5	8.68	63	195165	91.38	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.38%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	371544	46.89	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.78%
64) 1,2-Dichlorobenzene-d4	12.22	152	202373	52.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.40%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	3442	0.816 ug/L	# 17
13) Acetone	2.67	43	4585	1.628 ug/L	86
59) 1,2,3-Trichloropropane	11.84	75	20602	3.185 ug/L	95

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



#10

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

Concen: 0.816 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

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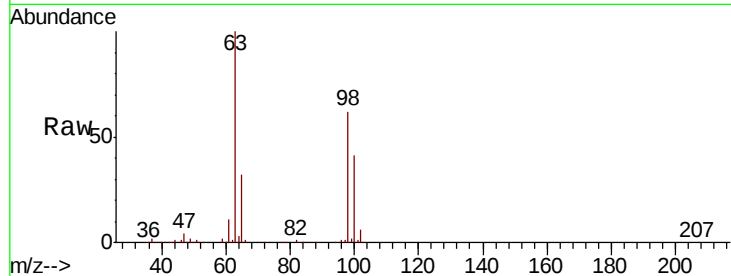
Tot Ion:101 Resp: 3442

Ion Ratio Lower Upper

101 100

85 0.0 34.0 51.0#

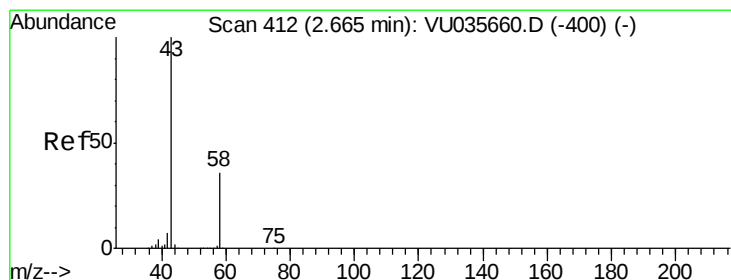
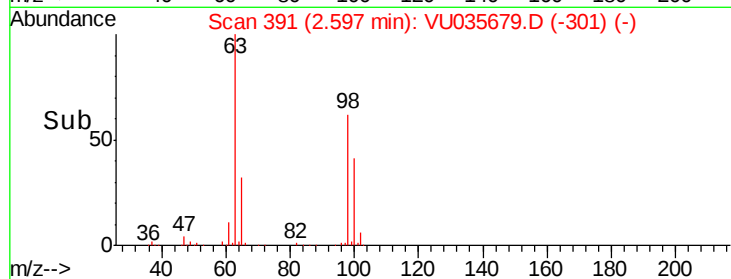
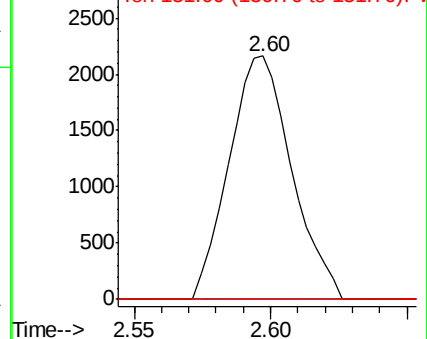
151 0.0 64.2 96.4#



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: 1.628 ug/L

RT: 2.67 min Scan# 413

Delta R.T. 0.00 min

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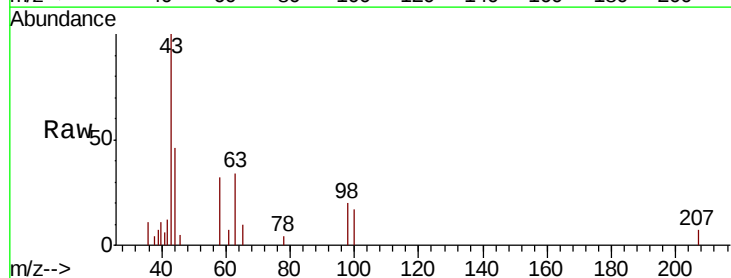
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Tgt Ion: 43 Resp: 4585

Ion Ratio Lower Upper

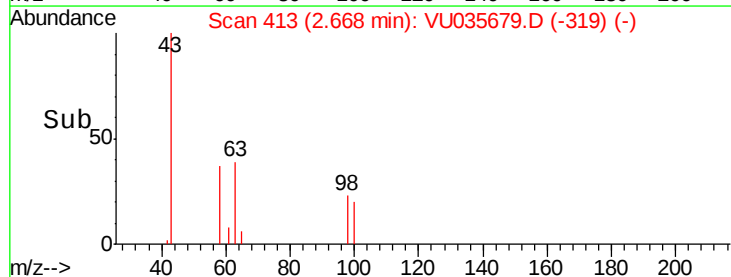
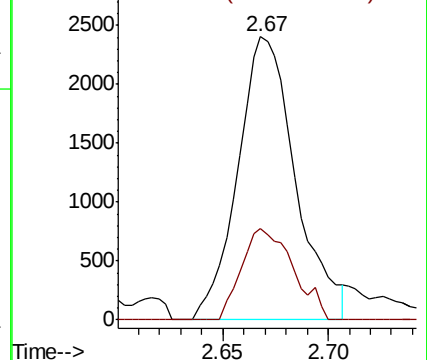
43 100

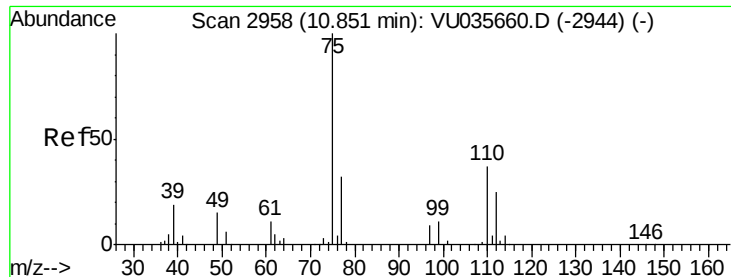
58 27.0 0.0 70.0



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: 3.185 ug/L

RT: 11.84 min Scan# 3267

Delta R.T. 0.99 min

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Tot Ion: 75 Resp: 20602

Ion Ratio Lower Upper

75 100

77 34.9 25.7 38.5

