

Data File : VU029660.D
Acq On : 25 Feb 2019 16:04
Operator : JC/SP
Sample : K1600-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF7Y4

Quant Time: Feb 26 00:16:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 26 00:12:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	476901	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	453267	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	224930	50.00	ug/L	0.00

System Monitoring Compounds

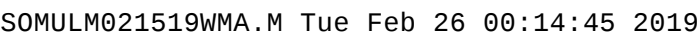
4) Vinyl Chloride-d3	1.40	65	136740	39.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.26%
7) Chloroethane-d5	1.68	69	123295	39.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.38%
11) 1,1-Dichloroethene-d2	2.27	63	194870	28.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.06%#
21) 2-Butanone-d5	4.17	46	202822	95.37	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.37%
24) Chloroform-d	4.65	84	244670	43.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.34%
26) 1,2-Dichloroethane-d4	5.31	65	161207	44.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.84%
32) Benzene-d6	5.34	84	550102	48.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.46%
36) 1,2-Dichloropropane-d6	6.33	67	166855	48.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.26%
41) Toluene-d8	7.56	98	516514	44.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.76%
43) trans-1,3-Dichloropropene-	7.85	79	76695	42.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.28%
47) 2-Hexanone-d5	8.31	63	154957	81.09	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.09%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	252181	43.49	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.98%
64) 1,2-Dichlorobenzene-d4	11.86	152	214815	44.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.64%

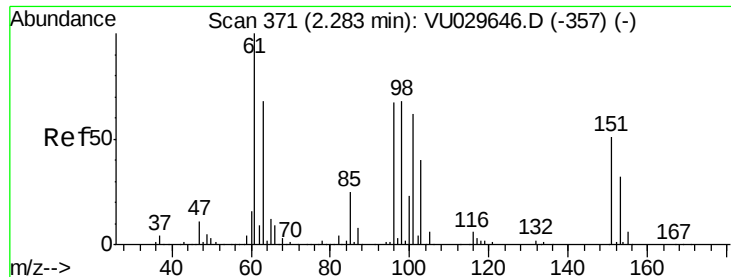
Target Compounds

					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2068	0.623 ug/L #	17
12) 1,1-Dichloroethene	2.28	96	1795	0.568 ug/L #	1
13) Acetone	2.32	43	3559	1.566 ug/L	100
25) Chloroform	4.68	83	14149	2.516 ug/L	99
39) cis-1,3-Dichloropropene	7.23	75	4723	0.960 ug/L #	56
59) 1,2,3-Trichloropropane	11.48	75	22494	5.172 ug/L	94

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

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#10

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

Concen: 0.623 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

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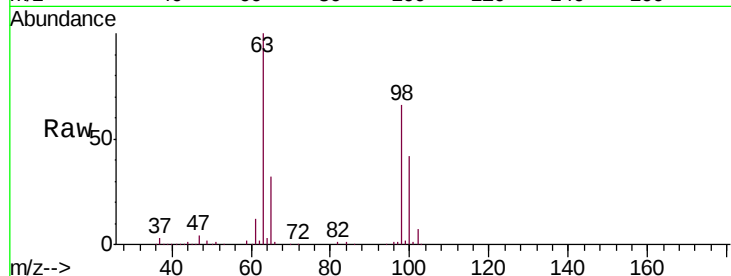
Tgt Ion: 101 Resp: 2068

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.6#

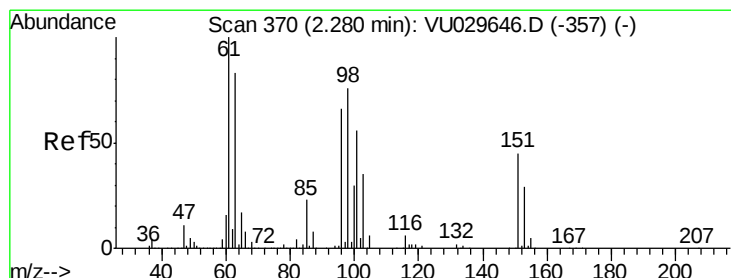
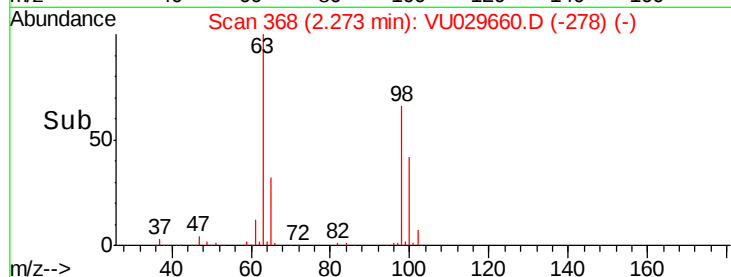
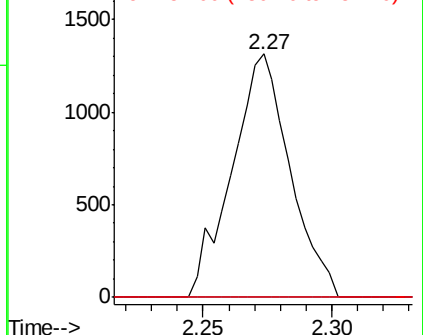
151 0.0 65.7 98.5#



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



#12

1,1-Dichloroethene

Concen: 0.568 ug/L

RT: 2.28 min Scan# 369

Delta R.T. -0.00 min

Lab File: VU029660.D

Acq: 25 Feb 2019 16:04

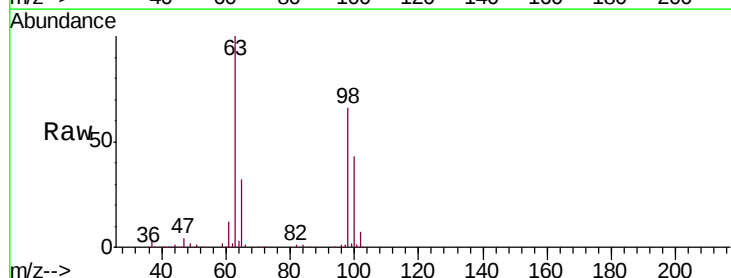
Tgt Ion: 96 Resp: 1795

Ion Ratio Lower Upper

96 100

61 1094.6 114.0 211.8#

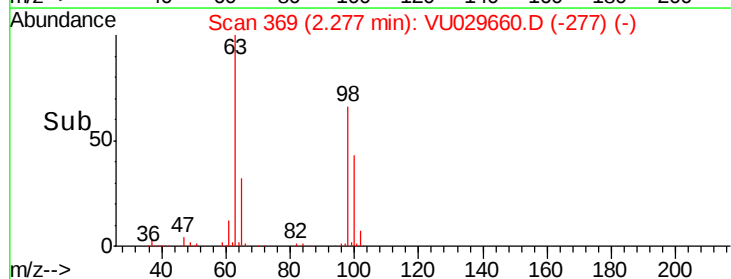
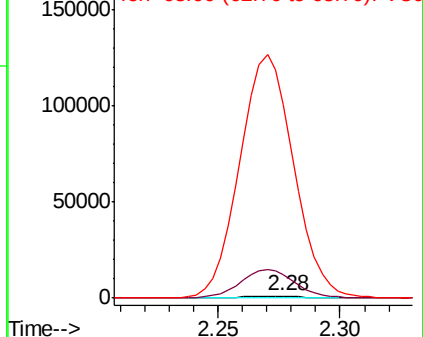
63 9212.8 98.7 183.3#

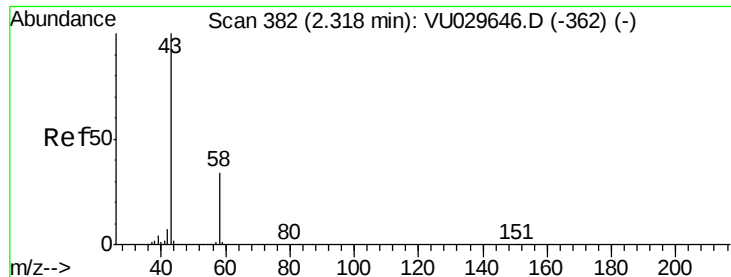


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.566 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

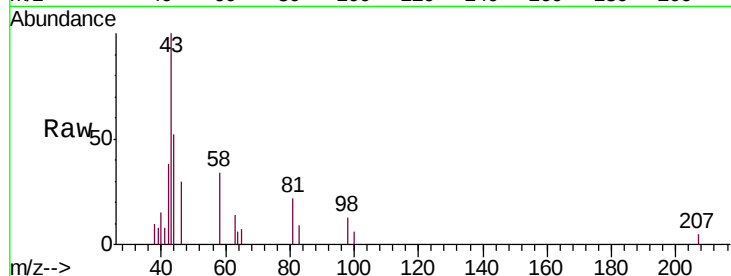
BF7Y4

Tgt Ion: 43 Resp: 3559

Ion Ratio Lower Upper

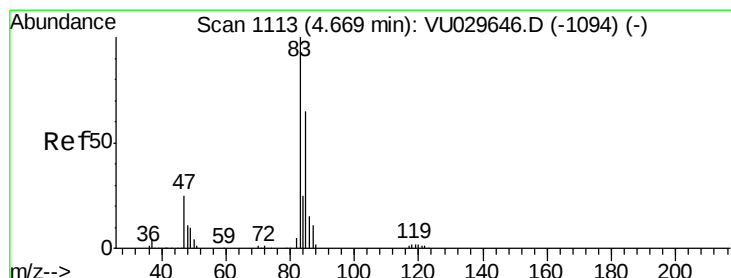
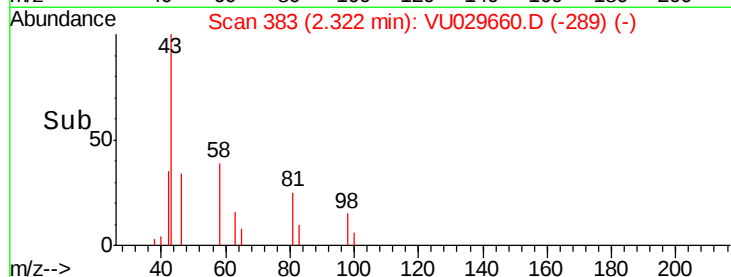
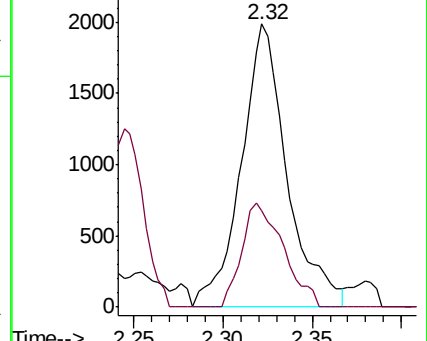
43 100

58 33.3 0.0 66.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#25

Chloroform

Concen: 2.516 ug/L

RT: 4.68 min Scan# 1115

Delta R.T. 0.01 min

Lab File: VU029660.D

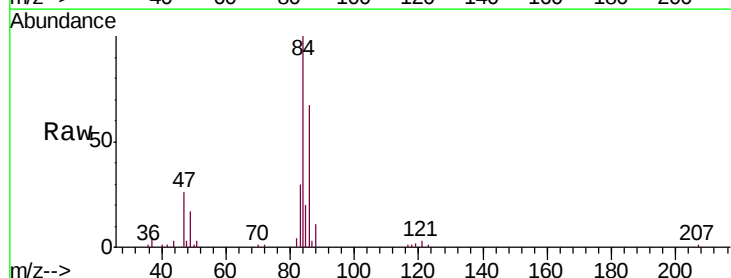
Acq: 25 Feb 2019 16:04

Tgt Ion: 83 Resp: 14149

Ion Ratio Lower Upper

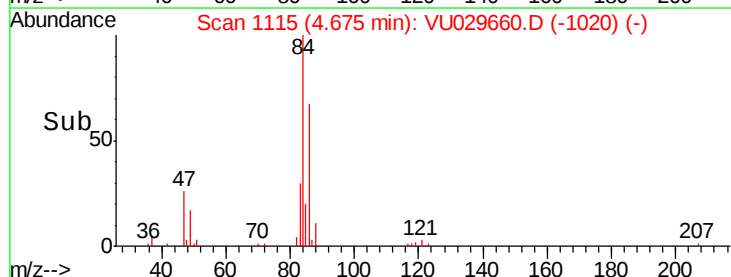
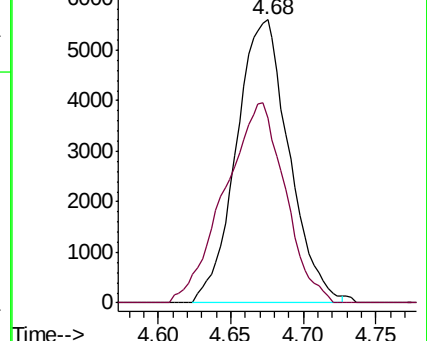
83 100

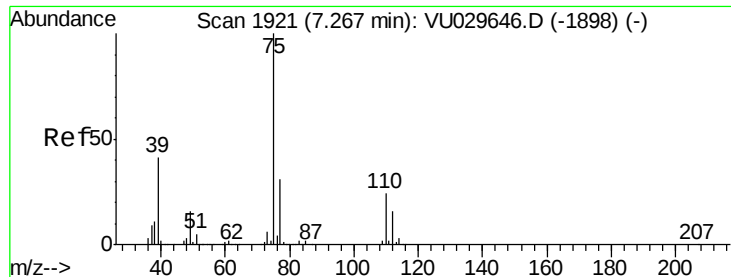
85 65.4 45.4 84.2



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

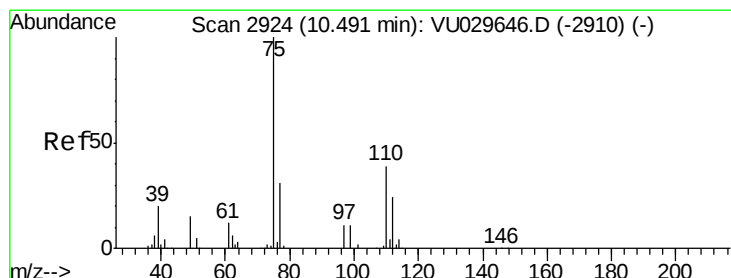
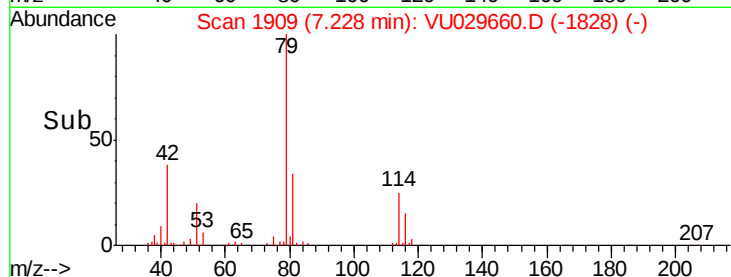
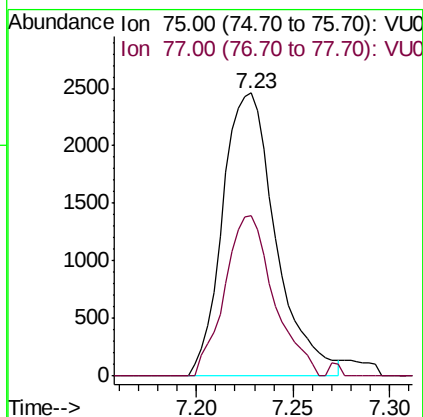
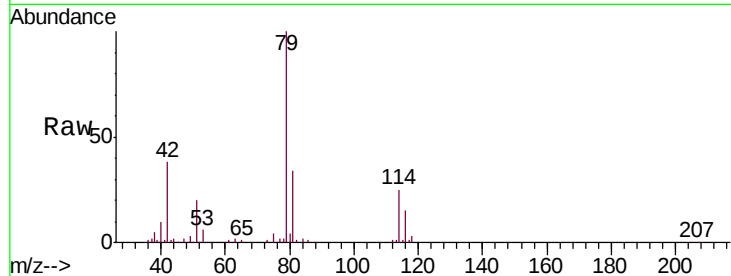




#39
 cis-1,3-Dichloropropene
 Concen: 0.960 ug/L
 RT: 7.23 min Scan# 1909
 Delta R.T. -0.04 min
 Lab File: VU029660.D
 Acq: 25 Feb 2019 16:04

Instrument :
 MSVOA_U
 ClientSampled :
 BF7Y4

Tgt Ion: 75 Resp: 4723
 Ion Ratio Lower Upper
 75 100
 77 56.6 22.3 41.5#



#59
 1,2,3-Trichloropropane
 Concen: 5.172 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU029660.D
 Acq: 25 Feb 2019 16:04

Tgt Ion: 75 Resp: 22494
 Ion Ratio Lower Upper
 75 100
 77 35.3 25.7 38.5

