

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040419\
 Data File : VU030675.D
 Acq On : 04 Apr 2019 10:34
 Operator : JC/SP
 Sample : K2215-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF2M3

Quant Time: Apr 04 13:21:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 04 13:18:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	534944	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	515021	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	226841	50.00	ug/L	0.00

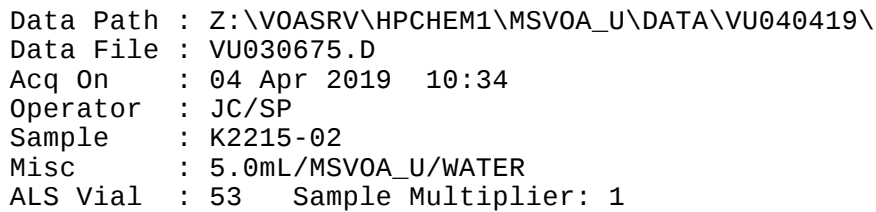
System Monitoring Compounds

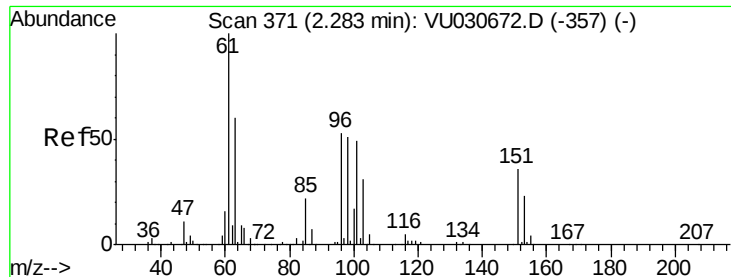
4) Vinyl Chloride-d3	1.40	65	221959	51.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.12%
7) Chloroethane-d5	1.68	69	171182	50.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.34%
11) 1,1-Dichloroethene-d2	2.27	63	301817	36.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.92%
21) 2-Butanone-d5	4.17	46	371069	91.69	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.69%
24) Chloroform-d	4.64	84	318304	42.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.82%
26) 1,2-Dichloroethane-d4	5.31	65	227583	46.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.78%
32) Benzene-d6	5.34	84	702464	47.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.12%
36) 1,2-Dichloropropane-d6	6.32	67	239942	47.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.96%
41) Toluene-d8	7.56	98	608831	45.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.80%
43) trans-1,3-Dichloropropene-	7.85	79	108714	45.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.50%
47) 2-Hexanone-d5	8.31	63	237436	86.71	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.71%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	327727	45.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.64%
64) 1,2-Dichlorobenzene-d4	11.85	152	214713	47.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.48%

Target Compounds

					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2691	0.689 ug/L #	22
13) Acetone	2.32	43	12027	2.939 ug/L	94
25) Chloroform	4.67	83	23188	2.960 ug/L	78
44) trans-1,3-Dichloropropene	7.85	75	4527	0.719 ug/L #	73
59) 1,2,3-Trichloropropane	11.48	75	29536	4.877 ug/L	95

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





#10

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

Concen: 0.689 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

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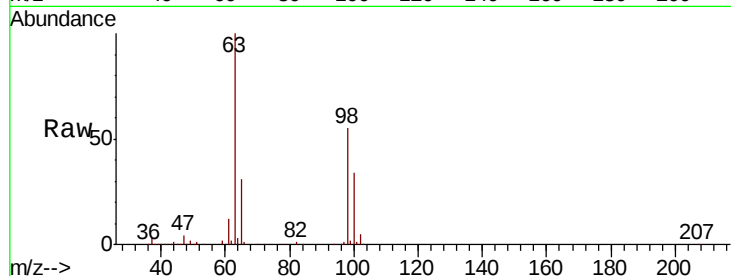
Tgt Ion:101 Resp: 2691

Ion Ratio Lower Upper

101 100

85 0.0 34.8 52.2#

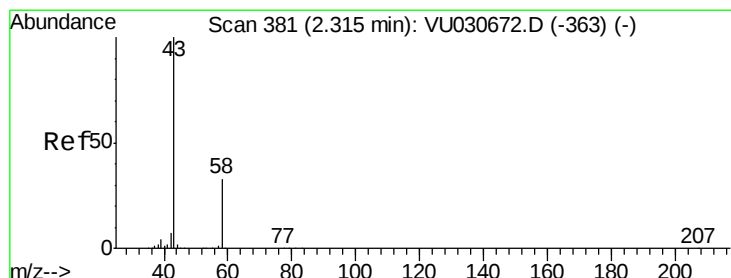
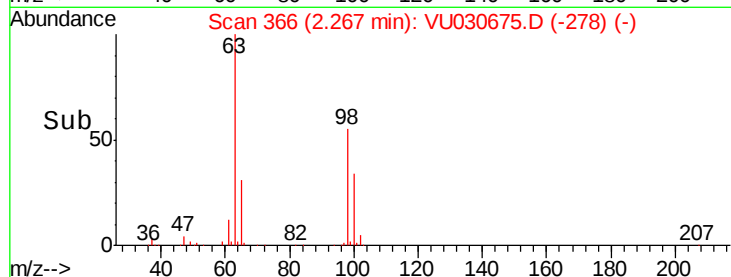
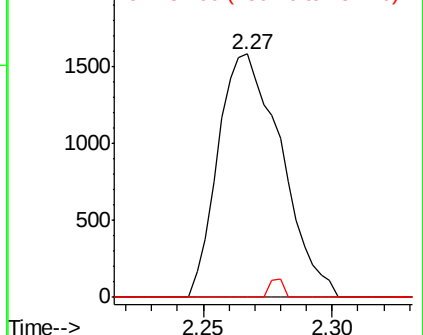
151 1.6 56.6 85.0#



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: 2.939 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU030675.D

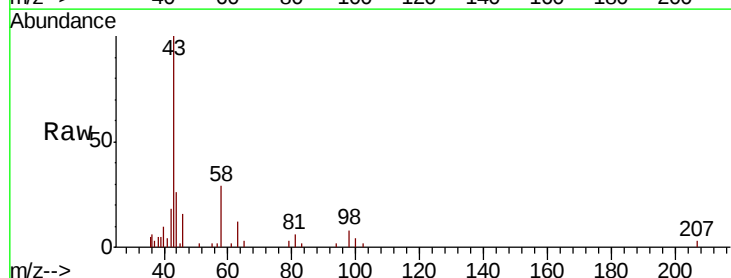
Acq: 04 Apr 2019 10:34

Tgt Ion: 43 Resp: 12027

Ion Ratio Lower Upper

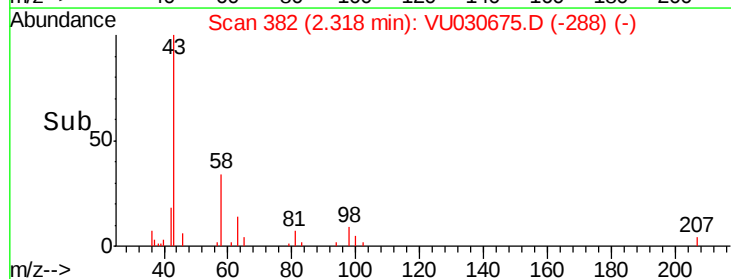
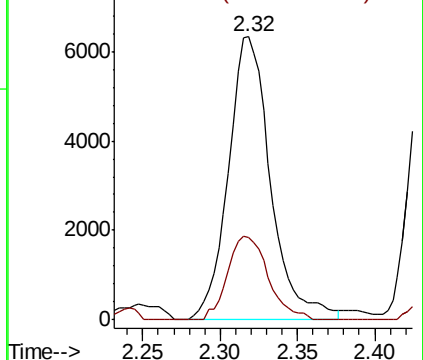
43 100

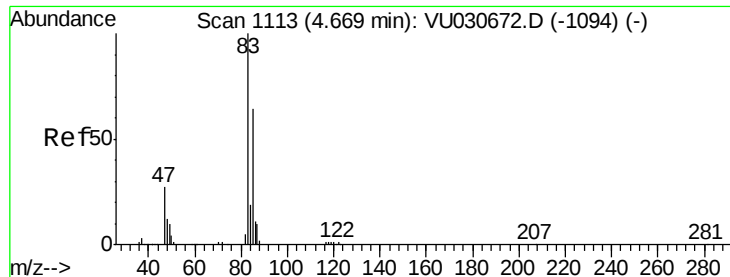
58 28.3 0.0 62.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#25

Chloroform

Concen: 2.960 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VU030675.D

Acq: 04 Apr 2019 10:34

Instrument :

MSVOA_U

ClientSampleId :

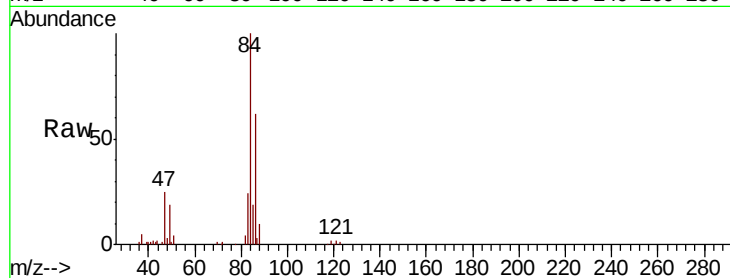
BF2M3

Tgt Ion: 83 Resp: 23188

Ion Ratio Lower Upper

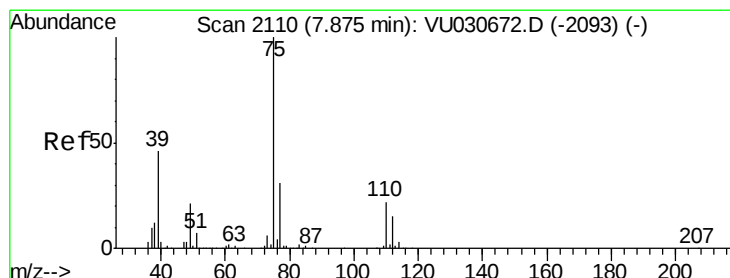
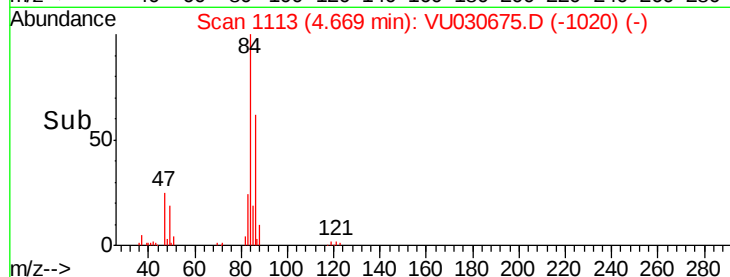
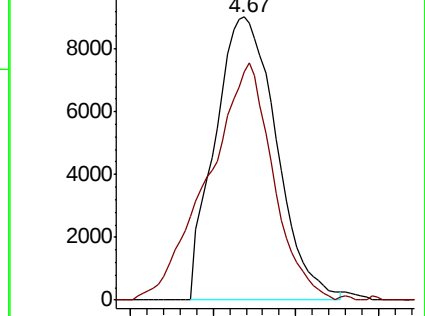
83 100

85 80.7 44.4 82.4



Abundance Ion 83.00 (82.70 to 83.70): VU030675.D (-1094) (-)

Ion 85.00 (84.70 to 85.70): VU030675.D (-1094) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.719 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU030675.D

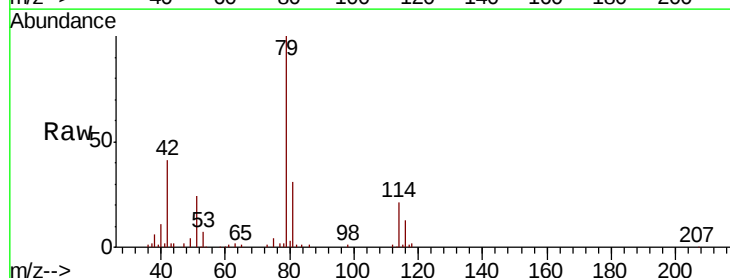
Acq: 04 Apr 2019 10:34

Tgt Ion: 75 Resp: 4527

Ion Ratio Lower Upper

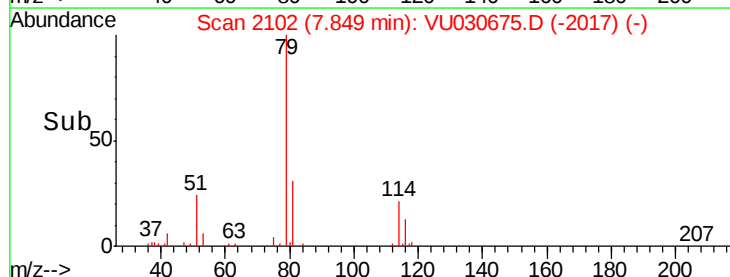
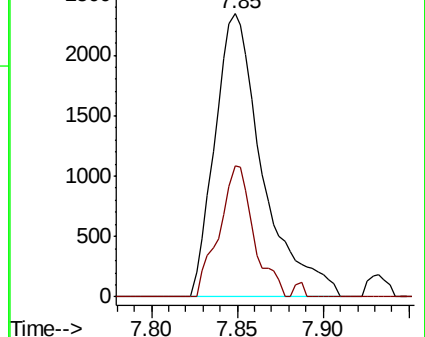
75 100

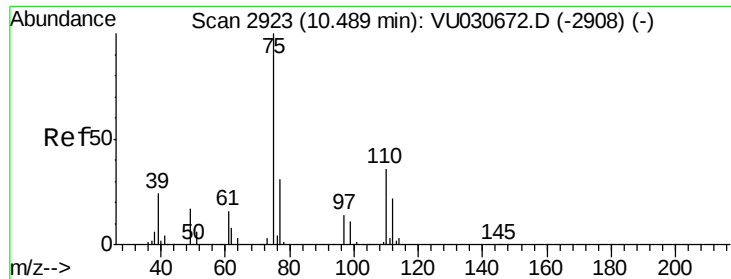
77 46.1 22.0 40.8#



Abundance Ion 75.00 (74.70 to 75.70): VU030675.D (-2093) (-)

Ion 77.00 (76.70 to 77.70): VU030675.D (-2093) (-)





#59

1,2,3-Trichloropropane

Concen: 4.877 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU030675.D

Acq: 04 Apr 2019 10:34

Instrument :

MSVOA_U

ClientSampleId :

BF2M3

Tgt Ion: 75 Resp: 29536

Ion Ratio Lower Upper

75 100

77 34.6 25.4 38.2

