

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040519\
 Data File : VU030715.D
 Acq On : 05 Apr 2019 03:49
 Operator : JC/SP
 Sample : K2271-20 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB7E1

Quant Time: Apr 05 04:39:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 05 02:15:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	491346	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	476410	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	200183	50.00	ug/L	0.00

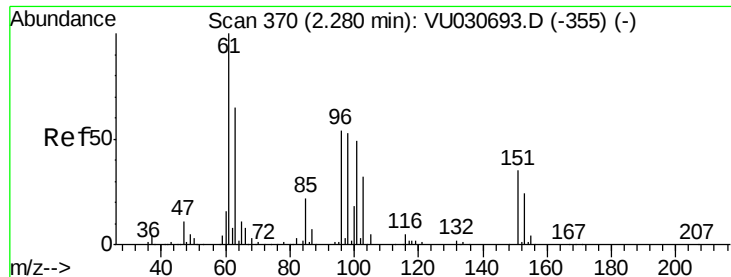
System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	230796	52.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.24%
7) Chloroethane-d5	1.68	69	178249	53.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.08%
11) 1,1-Dichloroethene-d2	2.27	63	310075	39.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.18%
21) 2-Butanone-d5	4.17	46	376183	108.22	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.22%
24) Chloroform-d	4.64	84	322089	48.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.14%
26) 1,2-Dichloroethane-d4	5.31	65	234821	51.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.72%
32) Benzene-d6	5.33	84	715551	51.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.90%
36) 1,2-Dichloropropane-d6	6.32	67	248736	52.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.38%
41) Toluene-d8	7.56	98	616194	49.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.98%
43) trans-1,3-Dichloropropene-	7.85	79	105427	48.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.02%
47) 2-Hexanone-d5	8.31	63	227254	104.32	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.32%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	320058	49.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.56%
64) 1,2-Dichlorobenzene-d4	11.86	152	210150	53.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.76%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2576	0.732 ug/L #	21
12) 1,1-Dichloroethene	2.27	96	2284	0.672 ug/L #	1
13) Acetone	2.32	43	1710	0.481 ug/L	72
25) Chloroform	4.67	83	29577	3.954 ug/L	99
59) 1,2,3-Trichloropropane	11.48	75	25566	4.836 ug/L #	86

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



#10

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

Concen: 0.732 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

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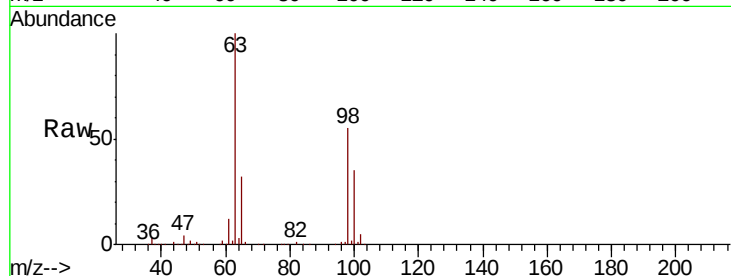
Tot Ion:101 Resp: 2576

Ion Ratio Lower Upper

101 100

85 1.6 36.8 55.2#

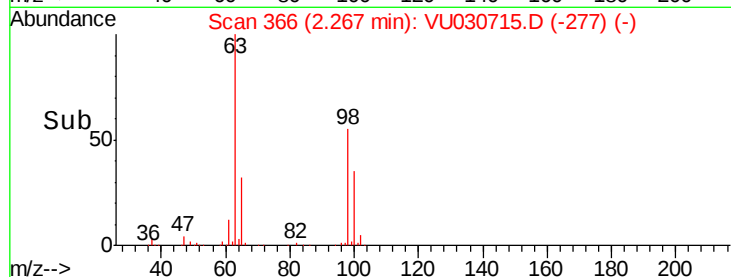
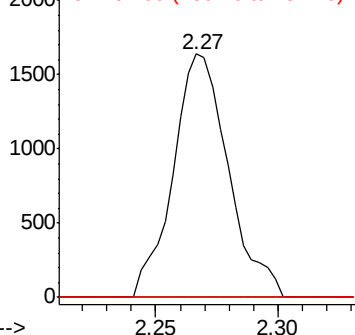
151 0.0 57.4 86.0#



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



#12

1,1-Dichloroethene

Concen: 0.672 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU030715.D

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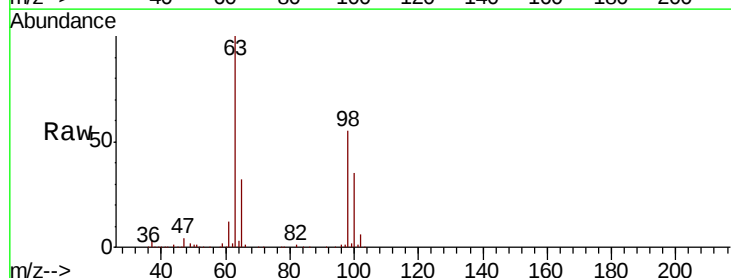
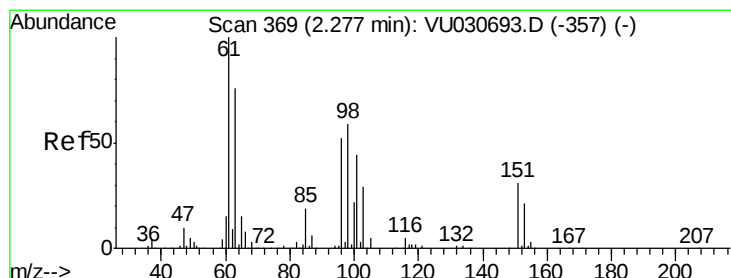
Tgt Ion: 96 Resp: 2284

Ion Ratio Lower Upper

96 100

61 1441.9 132.0 245.2#

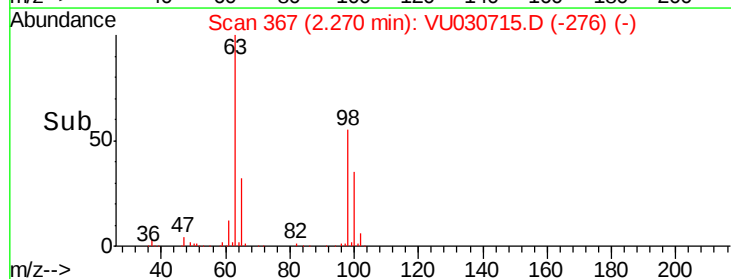
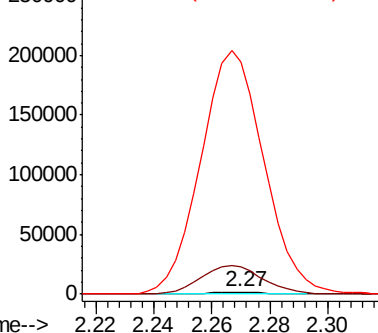
63 12093.8 90.9 168.9#

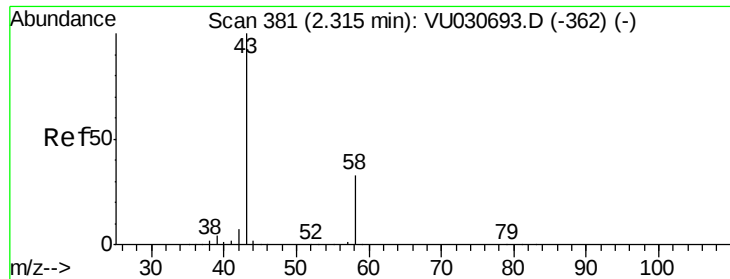


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.481 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU030715.D

Acq: 05 Apr 2019 03:49

Instrument :

MSVOA_U

ClientSampleId :

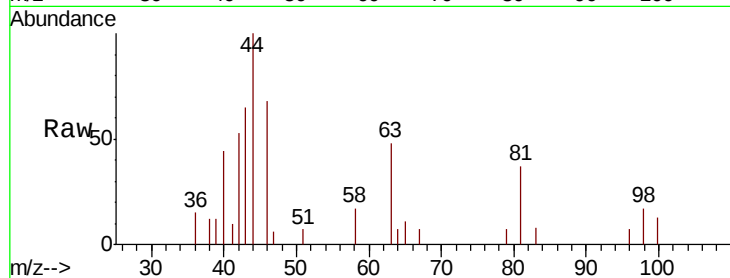
DB7E1

Tot Ion: 43 Resp: 1710

Ion Ratio Lower Upper

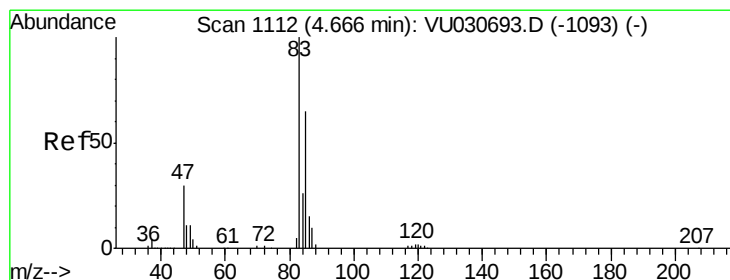
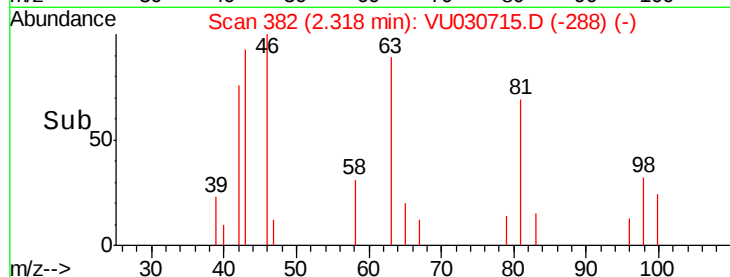
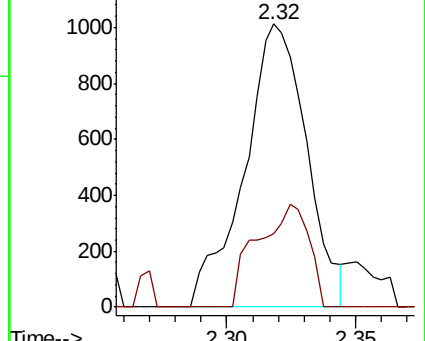
43 100

58 16.6 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU030715.D (-1019) (-)

Ion 58.00 (57.70 to 58.70): VU030715.D (-1019) (-)



#25

Chloroform

Concen: 3.954 ug/L

RT: 4.67 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VU030715.D

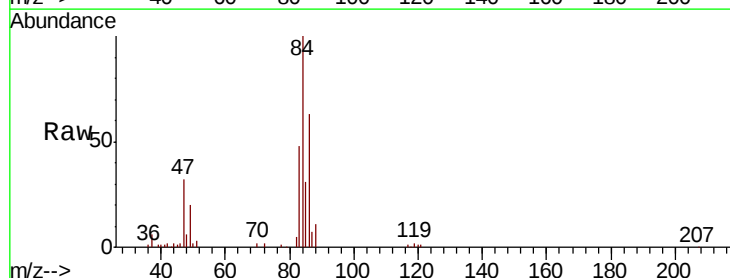
Acq: 05 Apr 2019 03:49

Tgt Ion: 83 Resp: 29577

Ion Ratio Lower Upper

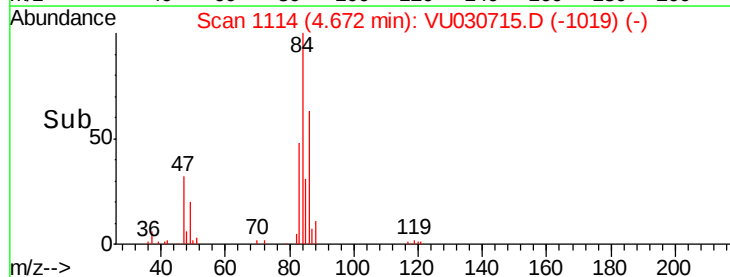
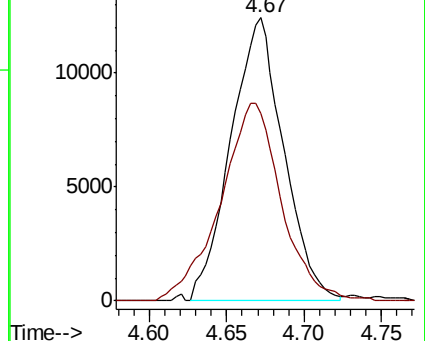
83 100

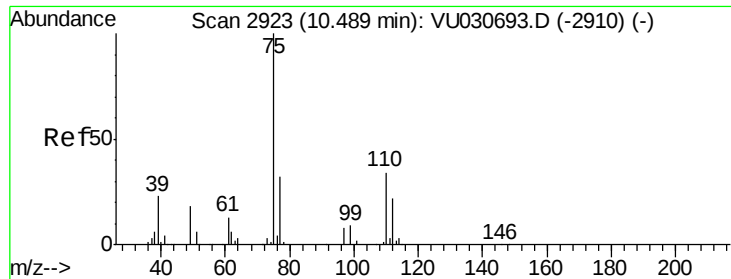
85 66.0 45.8 85.0



Abundance Ion 83.00 (82.70 to 83.70): VU030715.D (-1019) (-)

Ion 85.00 (84.70 to 85.70): VU030715.D (-1019) (-)





#59

1,2,3-Trichloropropane

Concen: 4.836 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030715.D

Acq: 05 Apr 2019 03:49

Instrument :

MSVOA_U

ClientSampleId :

DB7E1

Tot Ion: 75 Resp: 25566

Ion Ratio Lower Upper

75 100

77 40.5 26.1 39.1#

