

Data File : VU030800.D
Acq On : 06 Apr 2019 15:08
Operator : JC/SP
Sample : K2299-04 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB6X8

Quant Time: Apr 08 05:05:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 08 05:01:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	479732	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	478095	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	193526	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	208369	48.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.32%
7) Chloroethane-d5	1.68	69	165102	50.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.60%
11) 1,1-Dichloroethene-d2	2.27	63	290321	37.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.96%
21) 2-Butanone-d5	4.17	46	341421	100.59	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.59%
24) Chloroform-d	4.64	84	311889	47.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.36%
26) 1,2-Dichloroethane-d4	5.30	65	223693	50.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.22%
32) Benzene-d6	5.33	84	660744	47.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.68%
36) 1,2-Dichloropropane-d6	6.32	67	231722	48.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.90%
41) Toluene-d8	7.56	98	576136	46.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.14%
43) trans-1,3-Dichloropropene-	7.85	79	100872	46.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.50%
47) 2-Hexanone-d5	8.31	63	212983	97.43	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.43%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	303689	47.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.14%
64) 1,2-Dichlorobenzene-d4	11.86	152	186996	49.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.26%

Target Compounds

					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	2527	0.736 ug/L #	20
12) 1,1-Dichloroethene	2.27	96	2175	0.656 ug/L #	1
13) Acetone	2.32	43	2023	0.582 ug/L	72
25) Chloroform	4.67	83	19824	2.714 ug/L	91
59) 1,2,3-Trichloropropane	11.48	75	25764	4.856 ug/L	96

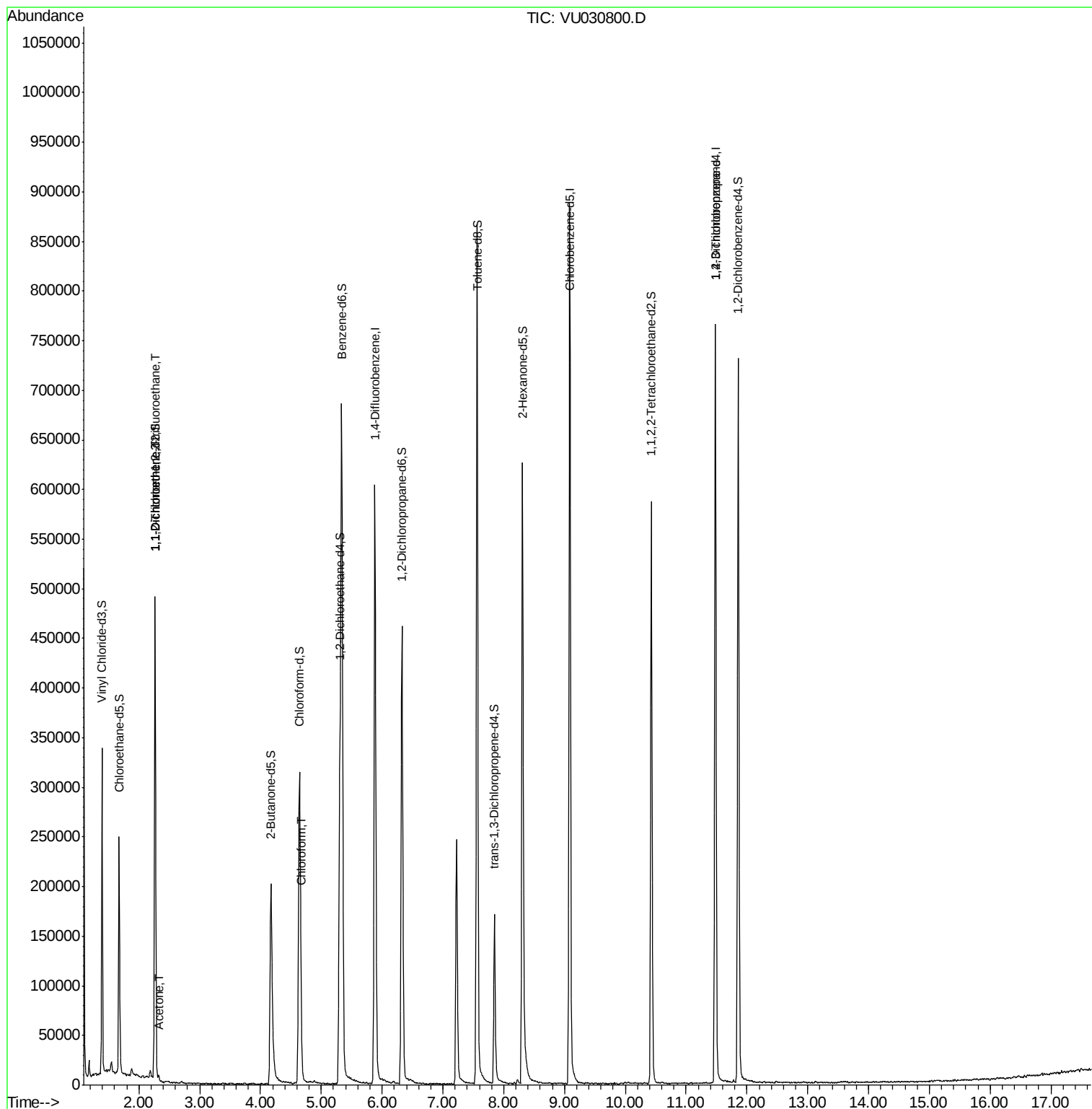
(#) = qualifier out of range (m) = manual integration (+) = signals summed

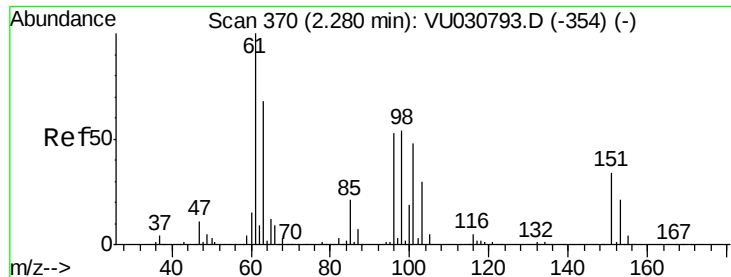
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Quant Title : VOC Analysis
QLast Update : Mon Apr 08 05:01:06 2019
Response via : Initial Calibration





#10

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

Concen: 0.736 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.02 min

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Acq: 06 Apr 2019 15:08

Instrument :

MSVOA_U

ClientSampleId :

DB6X8

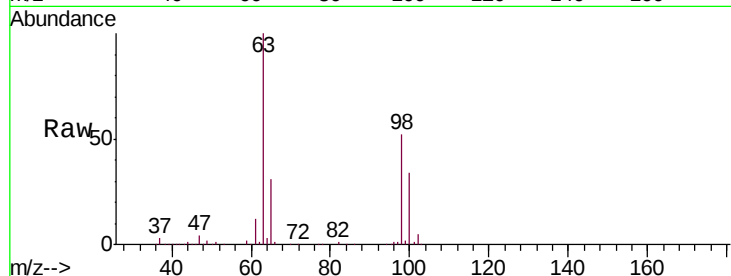
Tgt Ion: 101 Resp: 2527

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

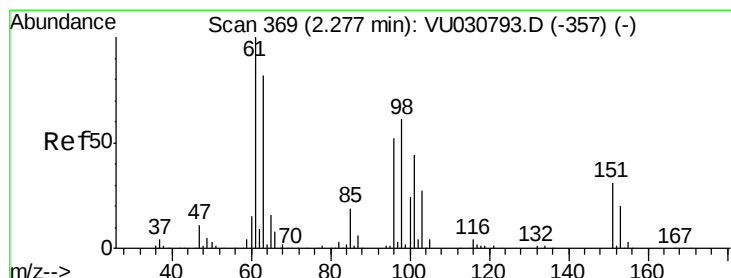
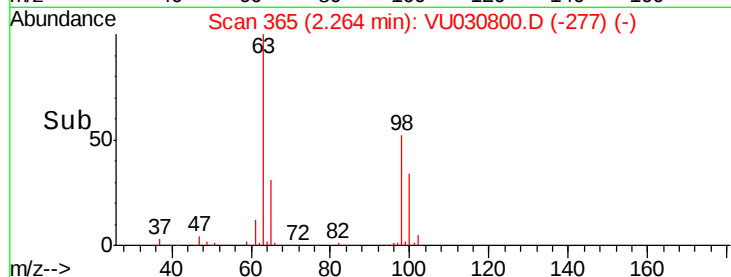
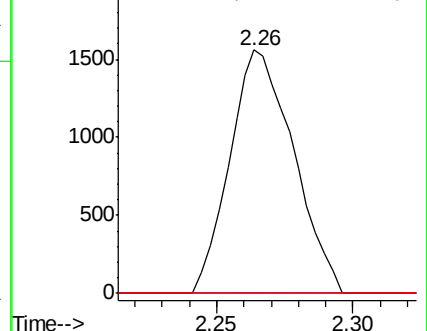
151 0.0 57.4 86.0#



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: 0.656 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU030800.D

Acq: 06 Apr 2019 15:08

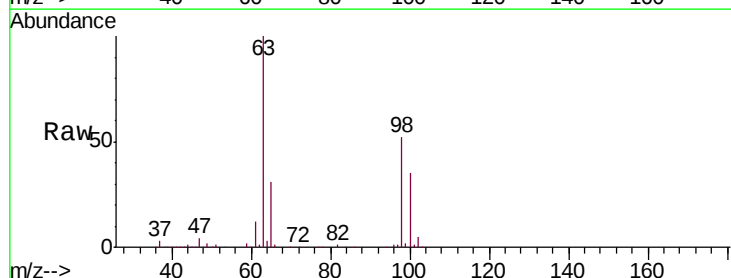
Tgt Ion: 96 Resp: 2175

Ion Ratio Lower Upper

96 100

61 1680.7 132.0 245.2#

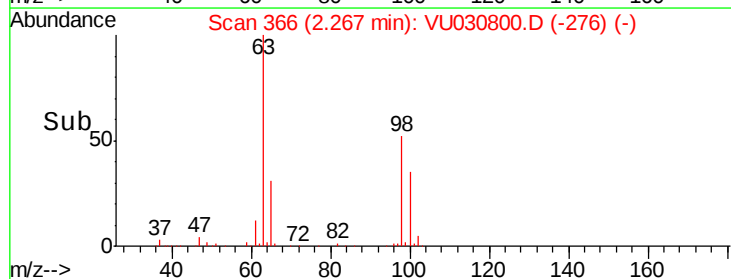
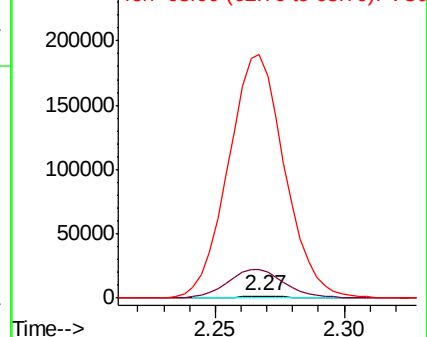
63 14462.3 90.9 168.9#

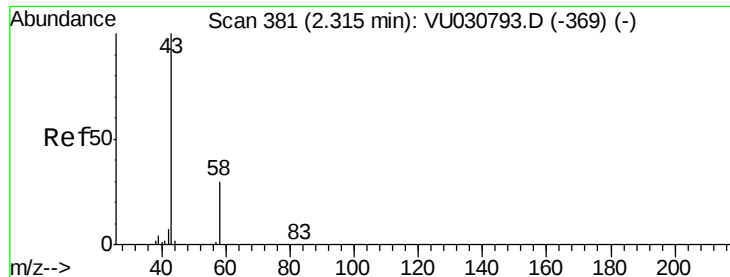


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.582 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

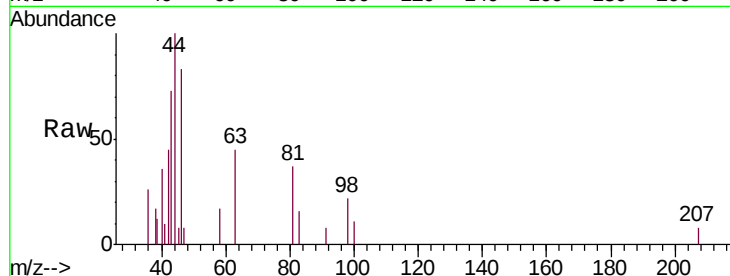
DB6X8

Tgt Ion: 43 Resp: 2023

Ion Ratio Lower Upper

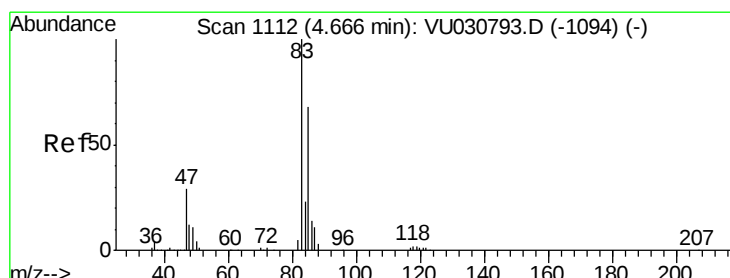
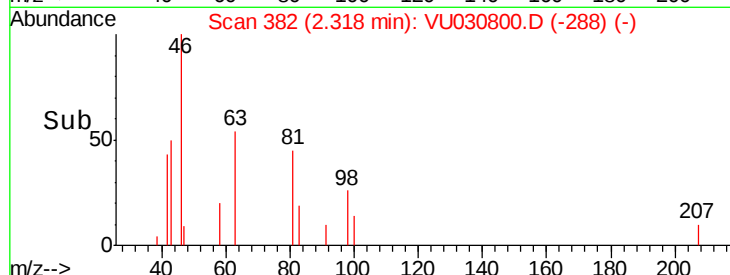
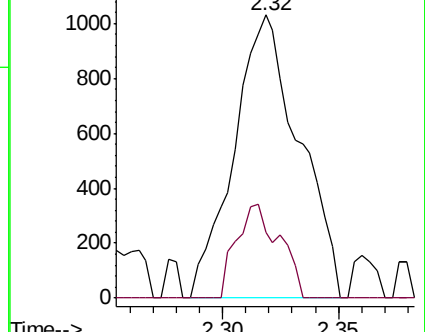
43 100

58 16.5 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU030800.D (-288) (-)

Ion 58.00 (57.70 to 58.70): VU030800.D (-288) (-)



#25

Chloroform

Concen: 2.714 ug/L

RT: 4.67 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VU030800.D

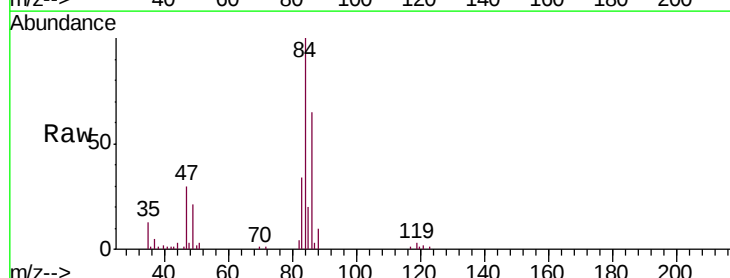
Acq: 06 Apr 2019 15:08

Tgt Ion: 83 Resp: 19824

Ion Ratio Lower Upper

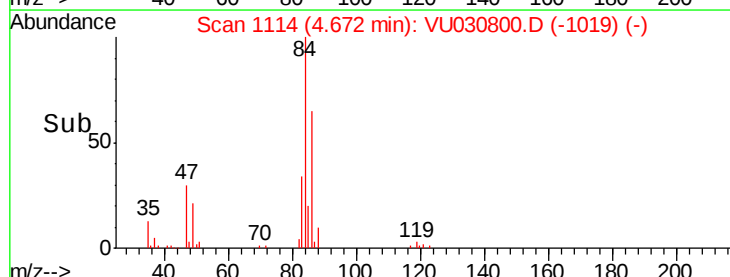
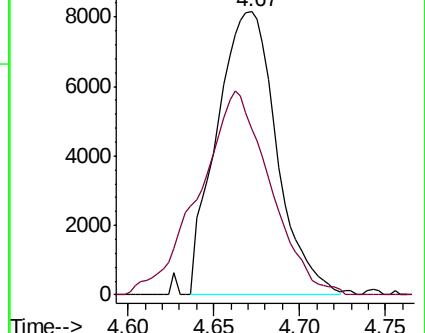
83 100

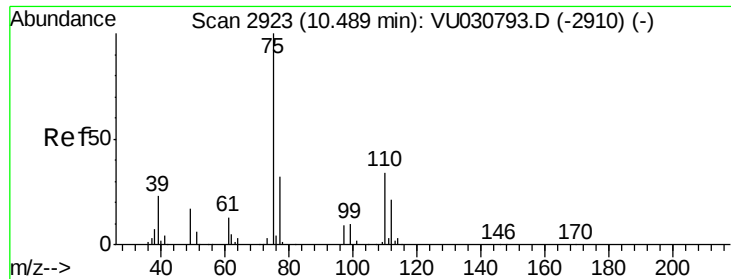
85 58.4 45.8 85.0



Abundance Ion 83.00 (82.70 to 83.70): VU030800.D (-1019) (-)

Ion 85.00 (84.70 to 85.70): VU030800.D (-1019) (-)





#59
 1,2,3-Trichloropropane
 Concen: 4.856 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU030800.D
 Acq: 06 Apr 2019 15:08

Instrument :
 MSVOA_U
 ClientSampleId :
 DB6X8

Tgt Ion: 75 Resp: 25764
 Ion Ratio Lower Upper
 75 100
 77 34.9 26.1 39.1

