

Data File : VU030489.D
Acq On : 27 Mar 2019 17:33
Operator : JC/SP
Sample : K2122-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF5E0

Quant Time: Mar 28 02:48:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 02:45:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	408200	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	382520	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	152829	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	156536	47.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.30%
7) Chloroethane-d5	1.68	69	124042	47.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.28%
11) 1,1-Dichloroethene-d2	2.27	63	222873	35.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.52%
21) 2-Butanone-d5	4.17	46	251148	81.33	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.33%
24) Chloroform-d	4.64	84	257782	45.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.08%
26) 1,2-Dichloroethane-d4	5.31	65	177371	47.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.78%
32) Benzene-d6	5.34	84	537163	48.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.94%
36) 1,2-Dichloropropane-d6	6.33	67	188030	50.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.20%
41) Toluene-d8	7.56	98	461754	46.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.74%
43) trans-1,3-Dichloropropene-	7.85	79	80555	45.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.30%
47) 2-Hexanone-d5	8.31	63	164994	81.13	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.13%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	241021	44.88	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.76%
64) 1,2-Dichlorobenzene-d4	11.86	152	147507	48.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.34%

Target Compounds

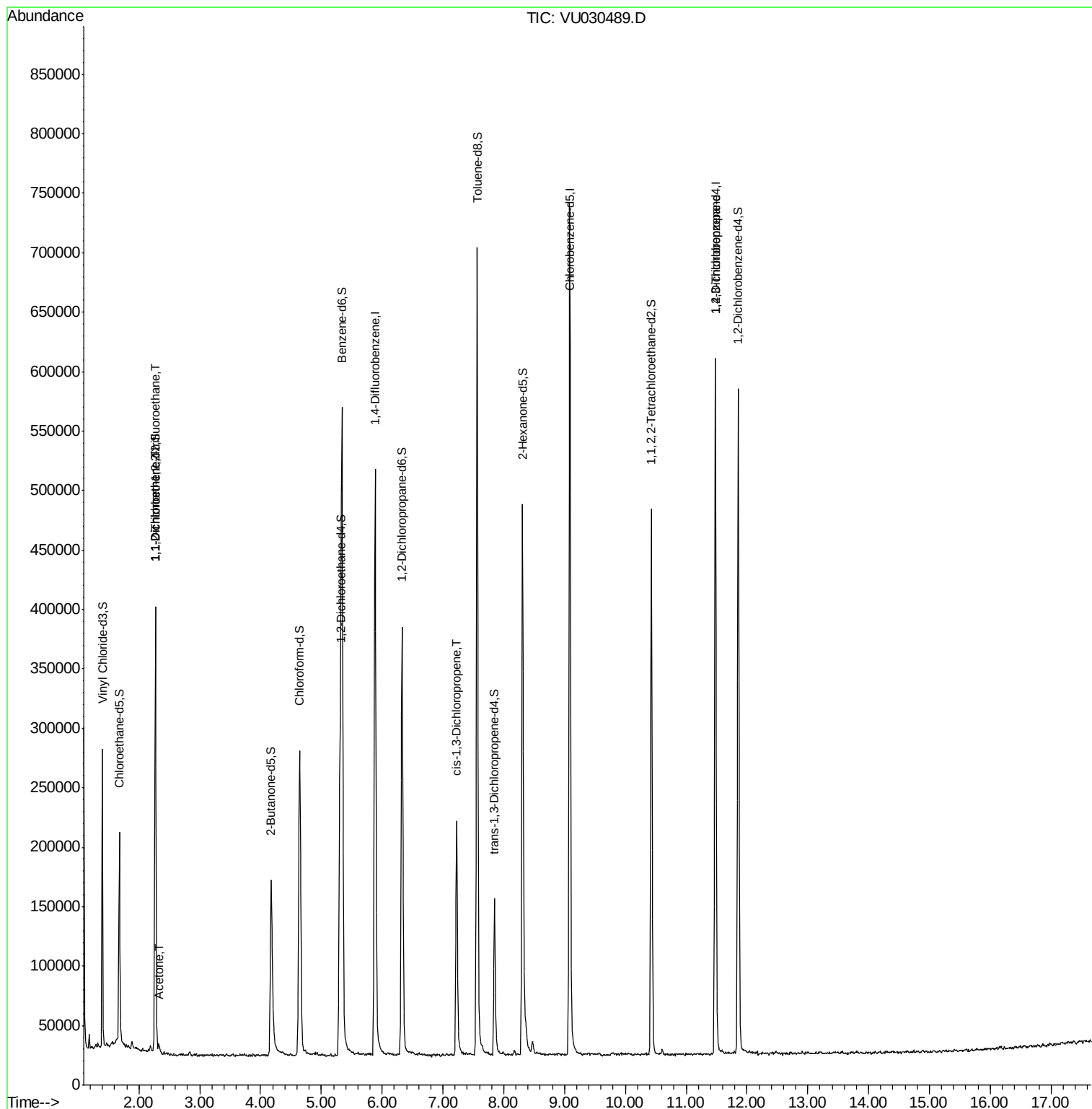
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2076	0.697 ug/L #	21
12) 1,1-Dichloroethene	2.27	96	1781	0.610 ug/L #	1
13) Acetone	2.32	43	3670	1.175 ug/L	89
39) cis-1,3-Dichloropropene	7.22	75	4500	0.847 ug/L #	62
59) 1,2,3-Trichloropropane	11.48	75	21442	4.767 ug/L	98

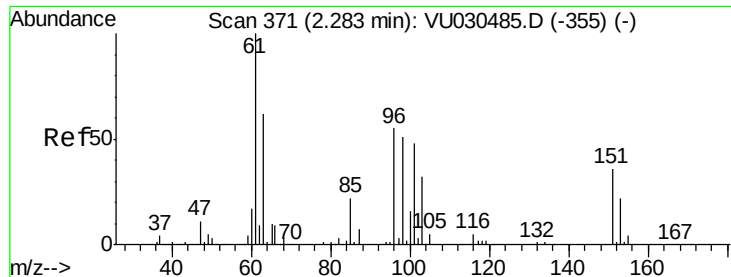
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.697 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

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Instrument :

MSVOA_U

ClientSampleId :

BF5E0

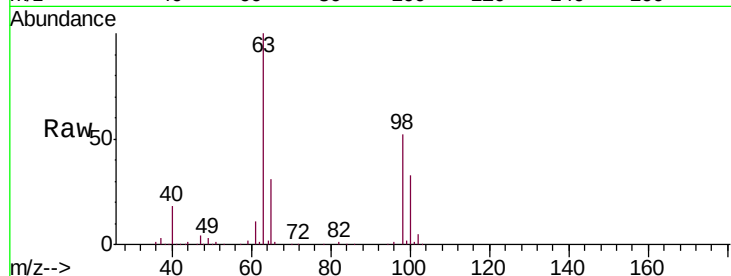
Tgt Ion: 101 Resp: 2076

Ion Ratio Lower Upper

101 100

85 0.0 34.8 52.2#

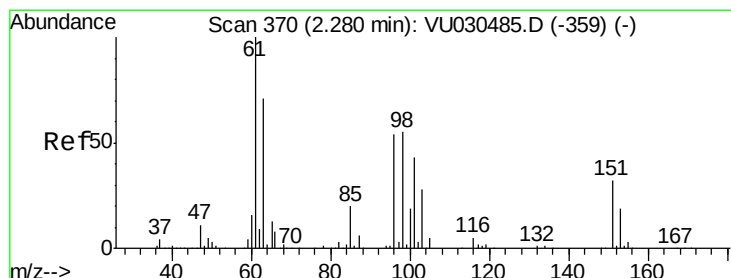
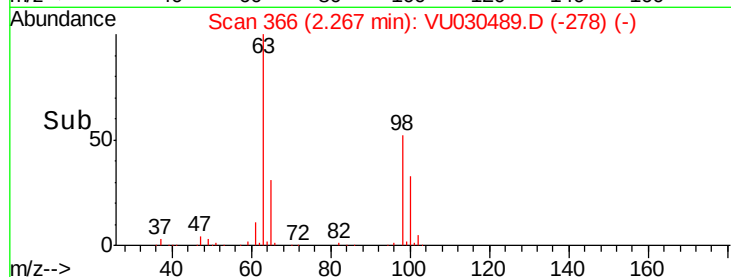
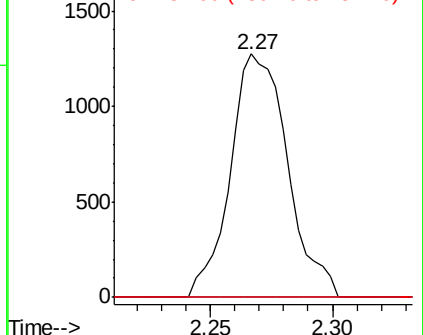
151 0.0 56.6 85.0#



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



#12

1,1-Dichloroethene

Concen: 0.610 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU030489.D

Acq: 27 Mar 2019 17:33

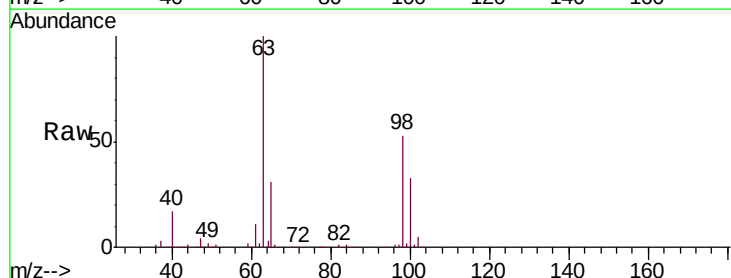
Tgt Ion: 96 Resp: 1781

Ion Ratio Lower Upper

96 100

61 1254.3 131.0 243.4#

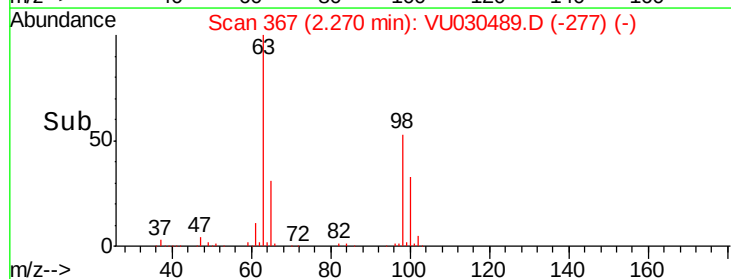
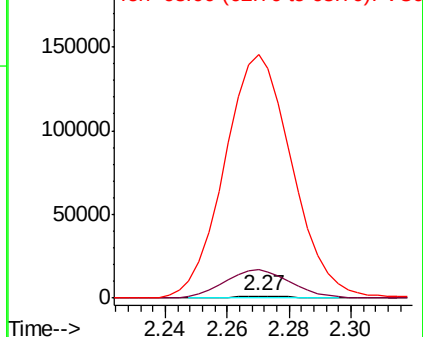
63 10908.3 92.4 171.6#

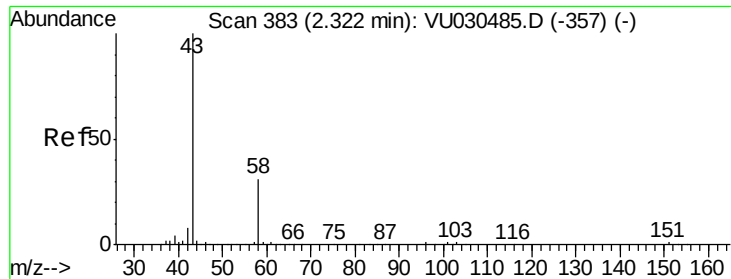


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.175 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

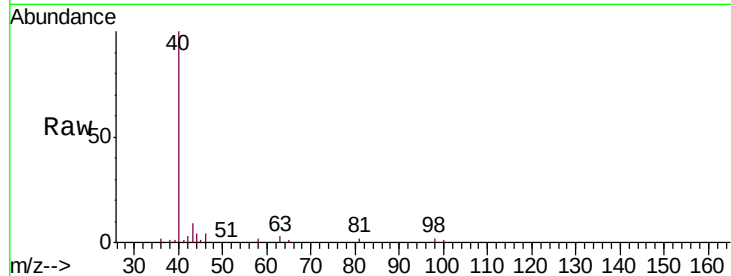
BF5E0

Tgt Ion: 43 Resp: 3670

Ion Ratio Lower Upper

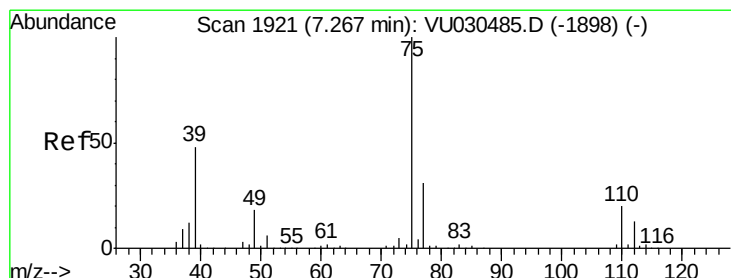
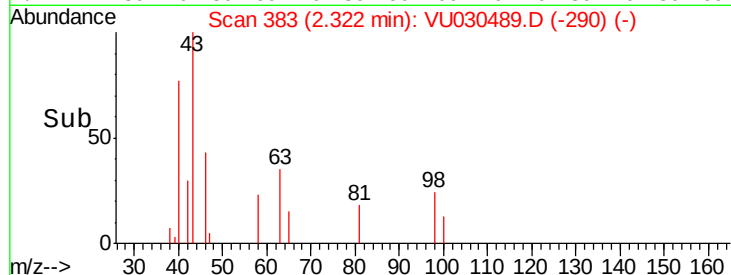
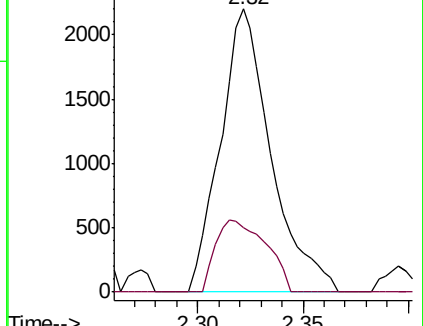
43 100

58 25.3 0.0 62.8



Abundance Ion 43.00 (42.70 to 43.70): VU030485.D (-357) (-)

Ion 58.00 (57.70 to 58.70): VU030485.D (-357) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.847 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU030489.D

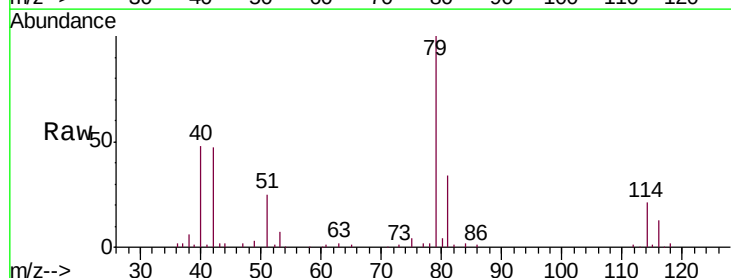
Acq: 27 Mar 2019 17:33

Tgt Ion: 75 Resp: 4500

Ion Ratio Lower Upper

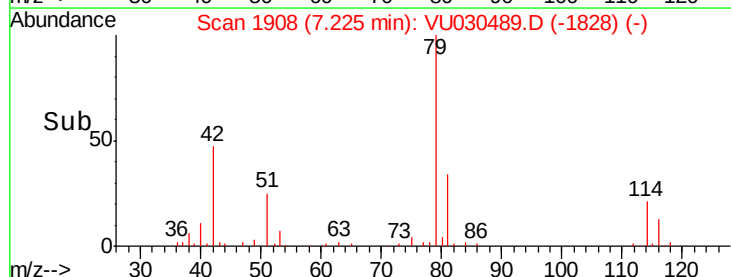
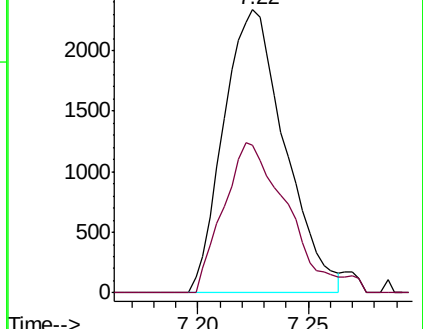
75 100

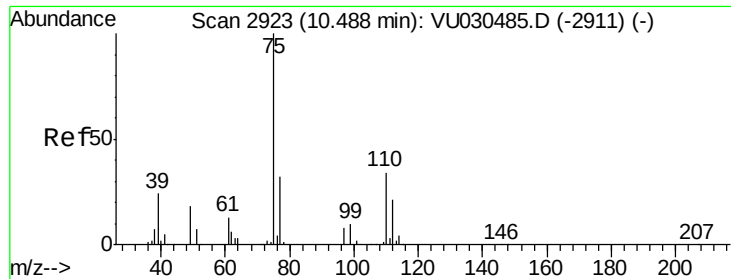
77 52.0 21.8 40.6#



Abundance Ion 75.00 (74.70 to 75.70): VU030485.D (-1898) (-)

Ion 77.00 (76.70 to 77.70): VU030485.D (-1898) (-)





#59

1,2,3-Trichloropropane

Concen: 4.767 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU030489.D

Acq: 27 Mar 2019 17:33

Instrument :

MSVOA_U

ClientSampleId :

BF5E0

Tgt Ion: 75 Resp: 21442

Ion Ratio Lower Upper

75 100

77 32.8 25.4 38.2

