

Data File : VU031895.D
Acq On : 10 May 2019 17:57
Operator : JC/SP
Sample : K2705-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0B50

Quant Time: May 11 02:48:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 11 02:45:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1045145	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1063844	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	398808	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	402295	45.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.98%
7) Chloroethane-d5	1.87	69	194	0.03	ug/L	0.20
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.06%#
11) 1,1-Dichloroethene-d2	2.27	63	556108	31.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.84%
21) 2-Butanone-d5	4.17	46	682057	86.06	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.06%
24) Chloroform-d	4.64	84	719530	44.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.84%
26) 1,2-Dichloroethane-d4	5.31	65	483748	46.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.44%
32) Benzene-d6	5.34	84	1497172	45.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.66%
36) 1,2-Dichloropropane-d6	6.32	67	511939	44.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.08%
41) Toluene-d8	7.56	98	1256540	44.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.32%
43) trans-1,3-Dichloropropene-	7.85	79	208923	42.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.70%
47) 2-Hexanone-d5	8.31	63	452821	91.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.03%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	693693	44.97	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.94%
64) 1,2-Dichlorobenzene-d4	11.85	152	425246	50.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

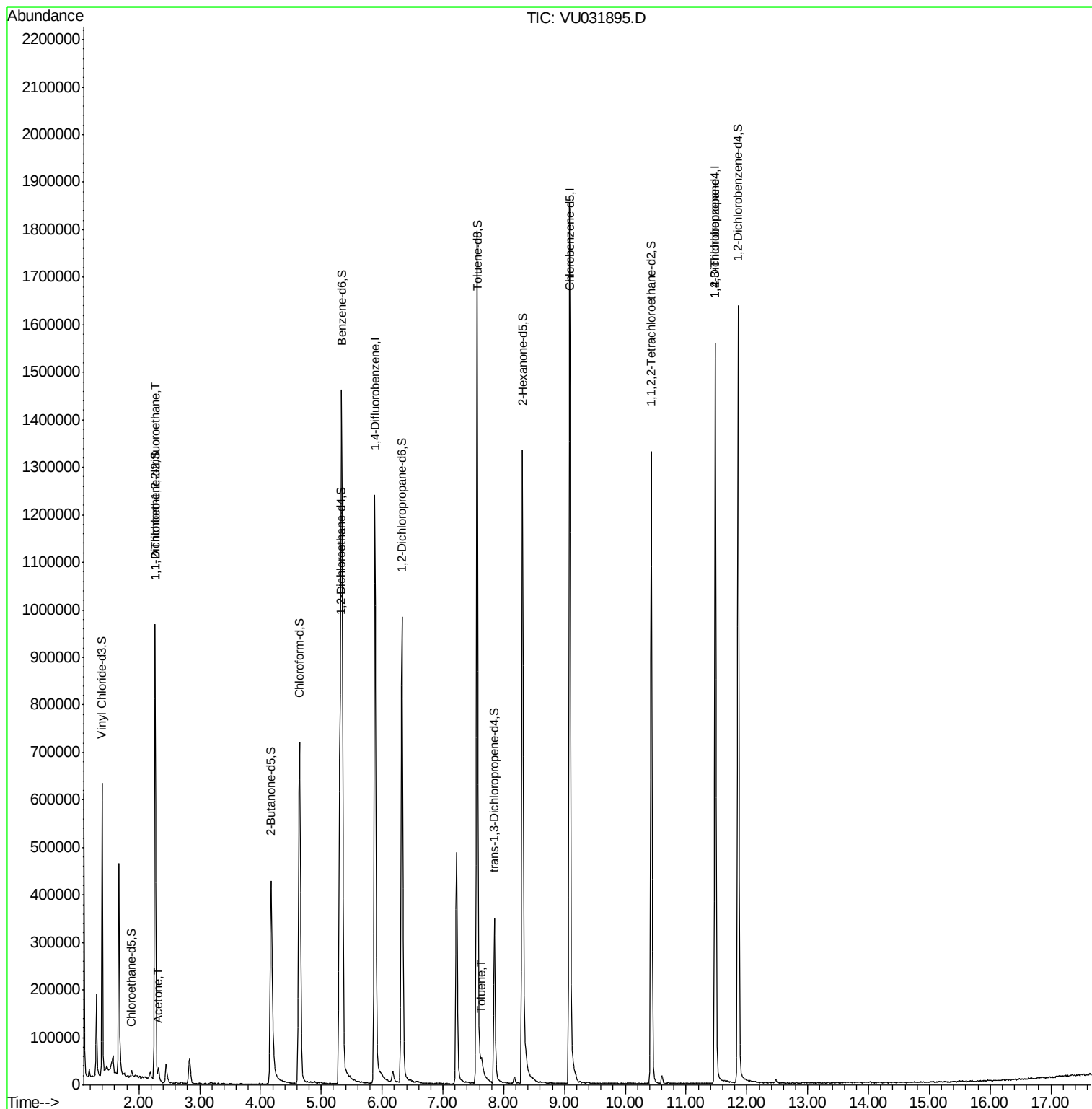
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	5046	0.602 ug/L #	22
13) Acetone	2.32	43	22830	2.557 ug/L	99
42) Toluene	7.64	91	17506	0.449 ug/L	99
59) 1,2,3-Trichloropropane	11.48	75	54550	4.144 ug/L	97

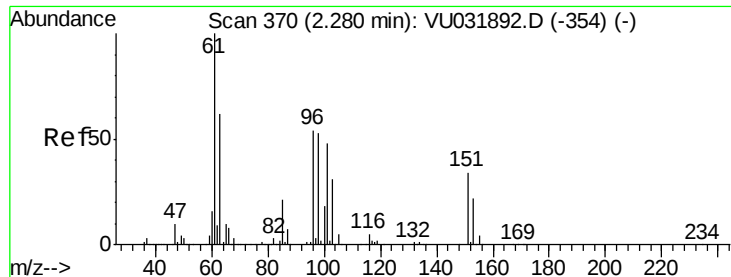
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.602 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

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MSVOA_U

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C0B50

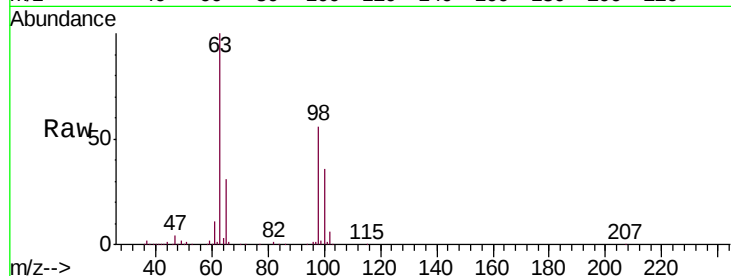
Tgt Ion:101 Resp: 5046

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

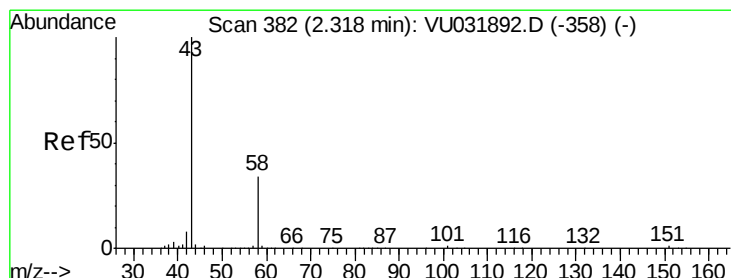
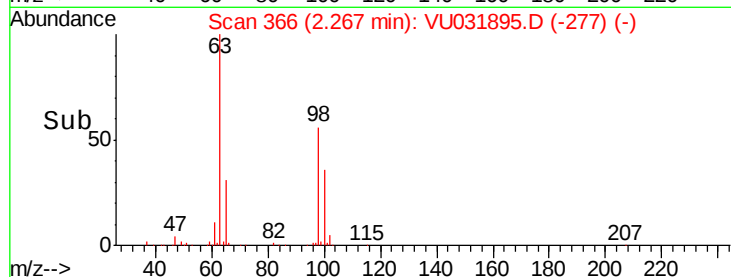
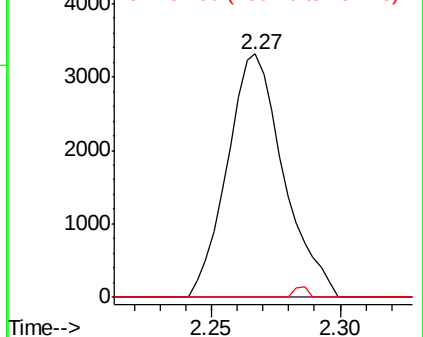
151 1.1 56.1 84.1#



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: 2.557 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

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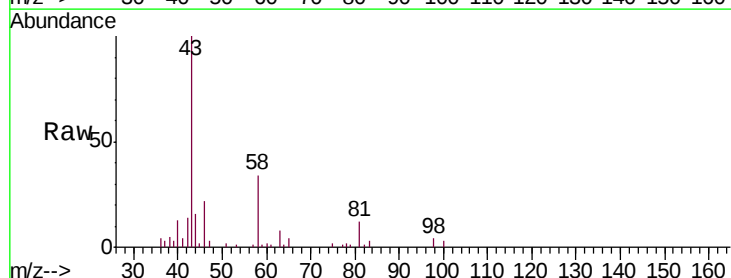
Acq: 10 May 2019 17:57

Tgt Ion: 43 Resp: 22830

Ion Ratio Lower Upper

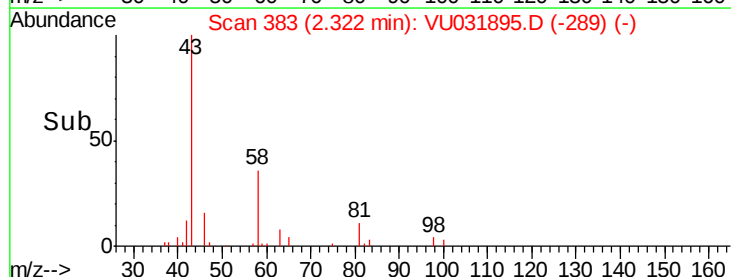
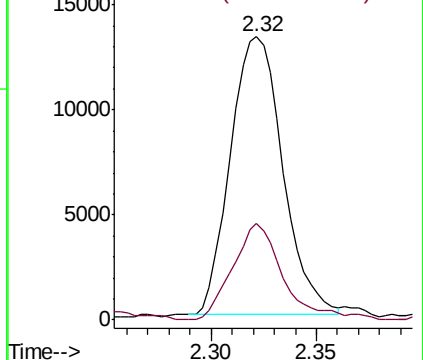
43 100

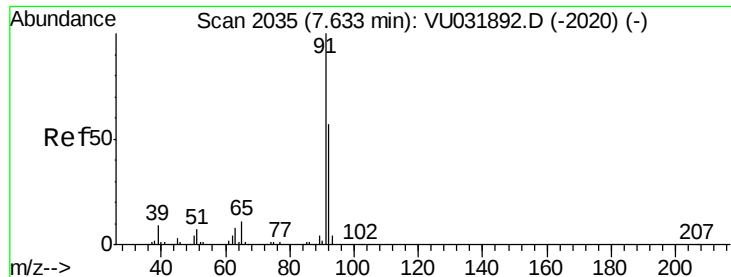
58 31.5 0.0 64.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#42

Toluene

Concen: 0.449 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. 0.01 min

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MSVOA_U

ClientSampleId :

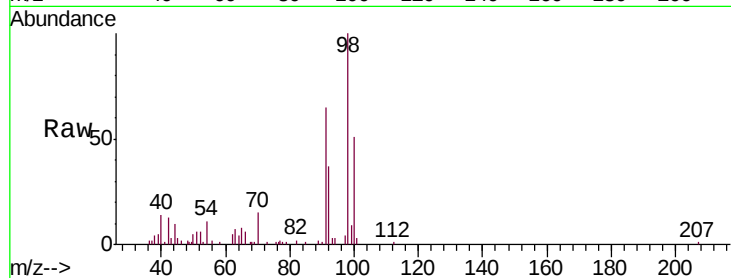
C0B50

Tgt Ion: 91 Resp: 17506

Ion Ratio Lower Upper

91 100

92 56.8 39.0 72.4



Abundance Ion 91.00 (90.70 to 91.70): VU031892.D (-2020) (-)

Ion 92.00 (91.70 to 92.70): VU031892.D (-2020) (-)

7.64

8000

6000

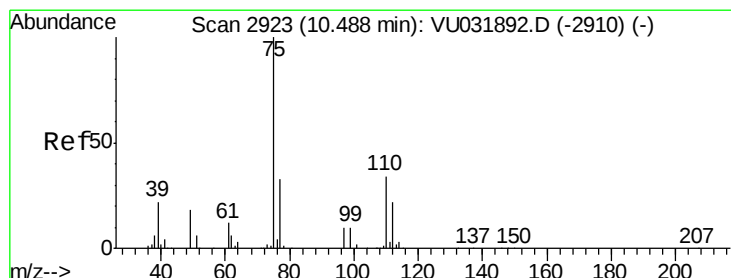
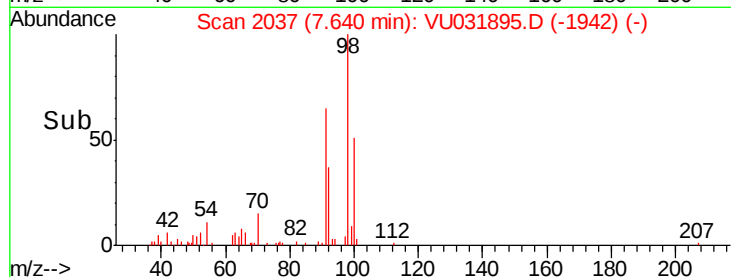
4000

2000

0

7.55 7.60 7.65 7.70

Time-->



#59

1,2,3-Trichloropropane

Concen: 4.144 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031895.D

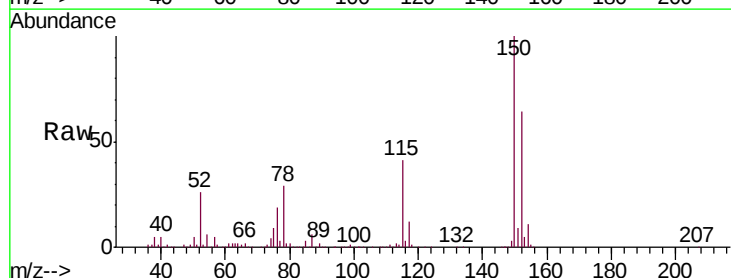
Acq: 10 May 2019 17:57

Tgt Ion: 75 Resp: 54550

Ion Ratio Lower Upper

75 100

77 34.0 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VU031892.D (-2910) (-)

Ion 77.00 (76.70 to 77.70): VU031892.D (-2910) (-)

11.48

40000

30000

20000

10000

0

11.45 11.50

Time-->

