

Data File : VU031898.D
Acq On : 10 May 2019 19:08
Operator : JC/SP
Sample : K2741-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFHK4

Quant Time: May 11 02:49:12 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	1020923	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1022578	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	393870	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	392205	45.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.80%
7) Chloroethane-d5	1.67	69	341116	51.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.32%
11) 1,1-Dichloroethene-d2	2.26	63	555549	32.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.30%
21) 2-Butanone-d5	4.17	46	678853	87.69	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.69%
24) Chloroform-d	4.64	84	700138	44.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.48%
26) 1,2-Dichloroethane-d4	5.31	65	470347	46.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.02%
32) Benzene-d6	5.33	84	1479523	47.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.24%
36) 1,2-Dichloropropane-d6	6.32	67	501898	45.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.86%
41) Toluene-d8	7.56	98	1219917	44.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.20%
43) trans-1,3-Dichloropropene-	7.85	79	195249	41.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.34%
47) 2-Hexanone-d5	8.31	63	451734	94.47	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.47%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	679825	45.85	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.70%
64) 1,2-Dichlorobenzene-d4	11.86	152	415969	50.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.44%

Target Compounds

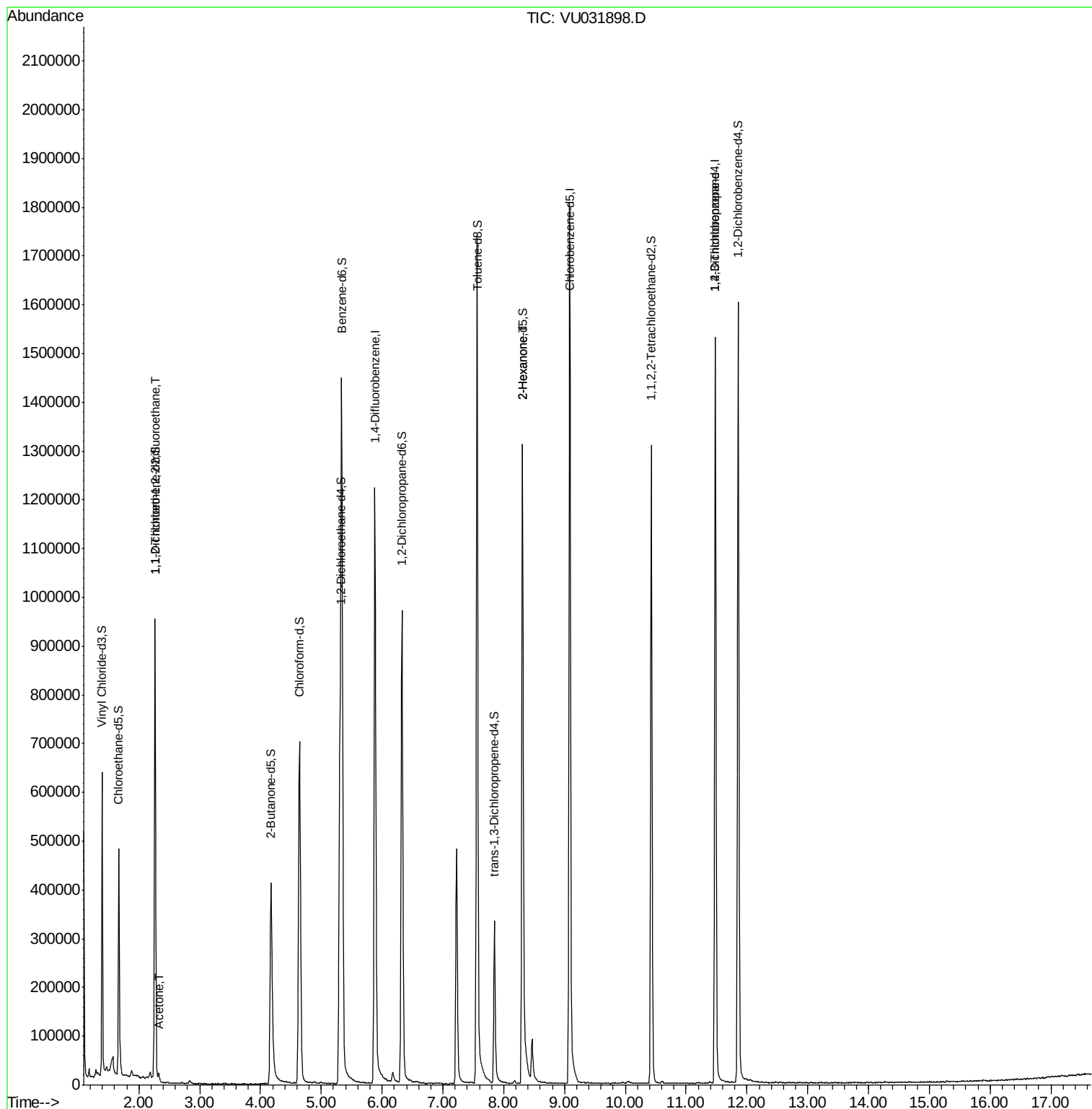
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	4677	0.572 ug/L #	22
13) Acetone	2.32	43	6744	0.773 ug/L	87
48) 2-Hexanone	8.31	43	54217	4.082 ug/L #	78
59) 1,2,3-Trichloropropane	11.48	75	53845	4.255 ug/L	96

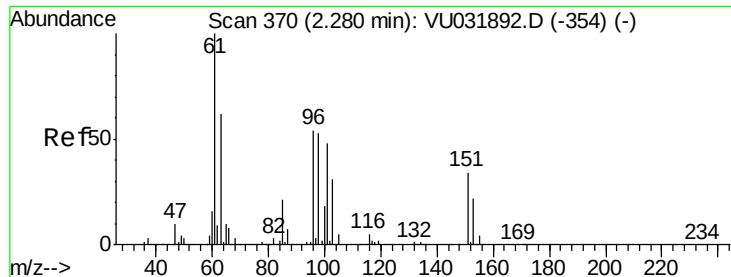
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.572 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

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MSVOA_U

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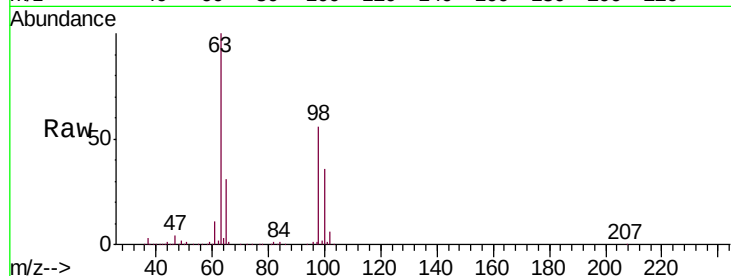
Tgt Ion:101 Resp: 4677

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

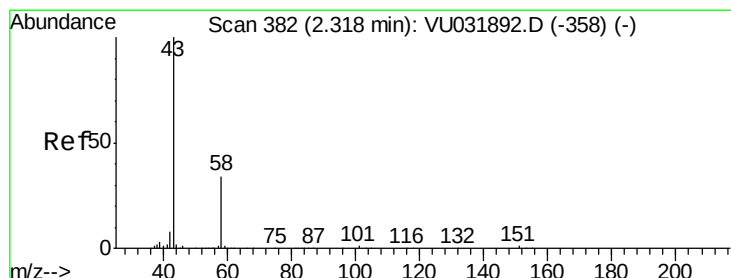
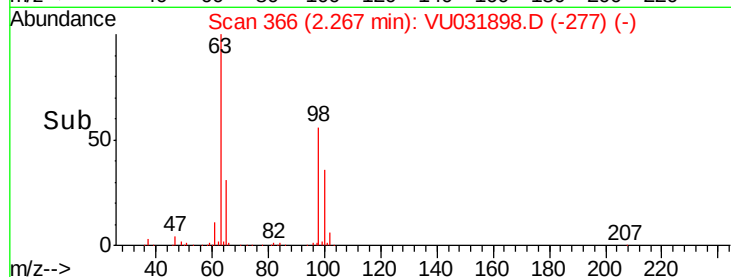
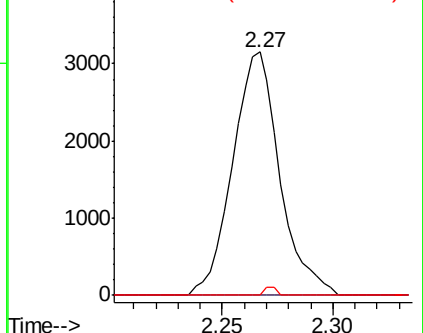
151 0.9 56.1 84.1#



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: 0.773 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

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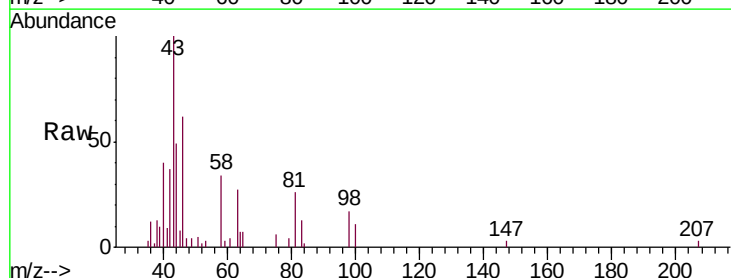
Acq: 10 May 2019 19:08

Tgt Ion: 43 Resp: 6744

Ion Ratio Lower Upper

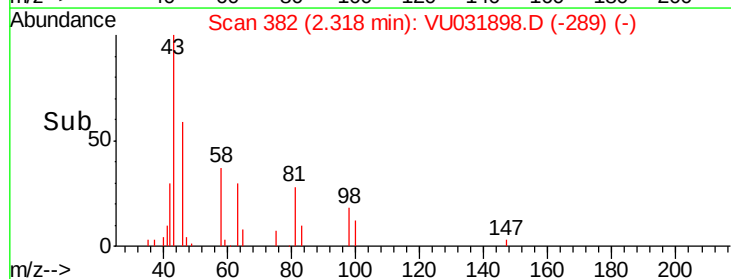
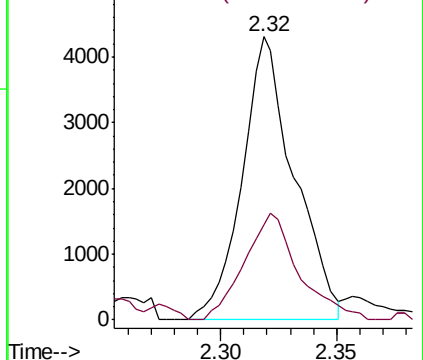
43 100

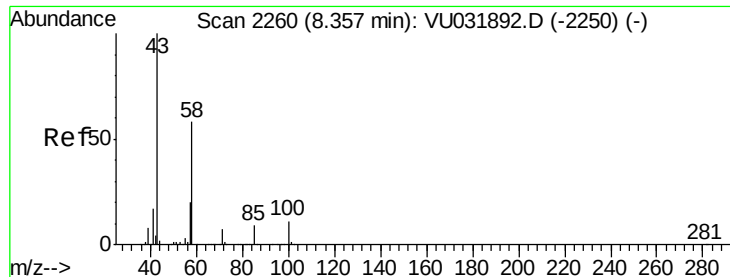
58 39.4 0.0 64.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

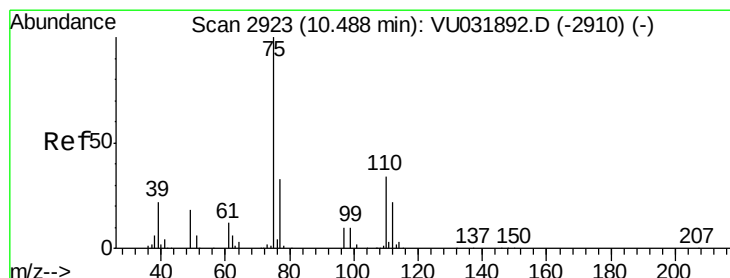
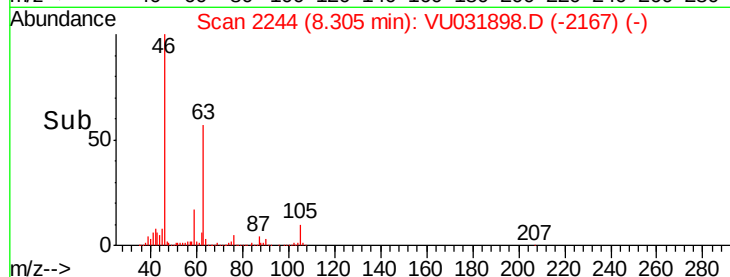
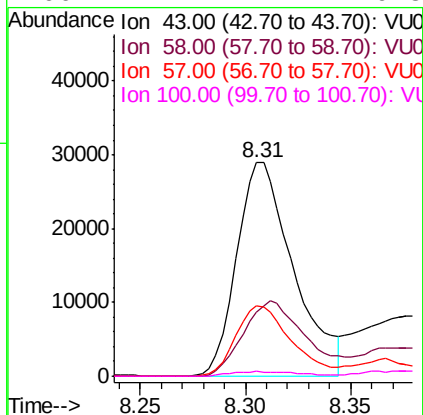
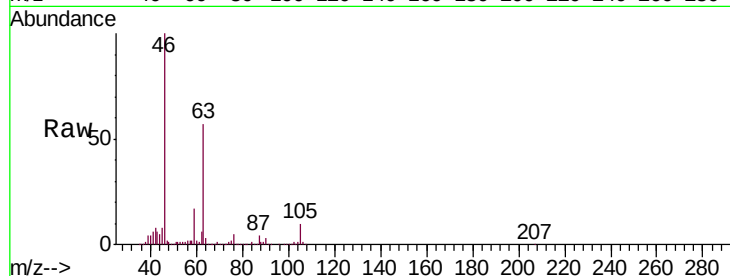




#48
 2-Hexanone
 Concen: 4.082 ug/L
 RT: 8.31 min Scan# 2244
 Delta R.T. -0.05 min
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Tgt Ion:	43	Resp:	54217
Ion	Ratio	Lower	Upper
43	100		
58	39.0	42.1	63.1#
57	31.9	14.6	22.0#
100	2.4	7.2	10.8#



#59
 1,2,3-Trichloropropane
 Concen: 4.255 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU031898.D
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Tgt Ion:	75	Resp:	53845
Ion	Ratio	Lower	Upper
75	100		
77	34.6	25.9	38.9

