

Data File : VU032205.D
Acq On : 21 May 2019 17:43
Operator : JC/SP
Sample : K2862-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFHK6

Quant Time: May 22 02:13:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052119WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 22 02:08:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	776738	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	779556	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	324939	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	261075	51.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.06%
7) Chloroethane-d5	1.67	69	229977	52.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.18%
11) 1,1-Dichloroethene-d2	2.27	63	372006	38.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.12%
21) 2-Butanone-d5	4.17	46	323656	103.53	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.53%
24) Chloroform-d	4.64	84	507946	50.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.76%
26) 1,2-Dichloroethane-d4	5.30	65	311756	52.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.80%
32) Benzene-d6	5.33	84	1072573	52.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.86%
36) 1,2-Dichloropropane-d6	6.32	67	316083	54.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.04%
41) Toluene-d8	7.56	98	974198	50.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.46%
43) trans-1,3-Dichloropropene-	7.85	79	136765	47.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.74%
47) 2-Hexanone-d5	8.31	63	249011	93.82	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.82%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	465342	49.16	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.32%
64) 1,2-Dichlorobenzene-d4	11.85	152	375817	55.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.60%

Target Compounds

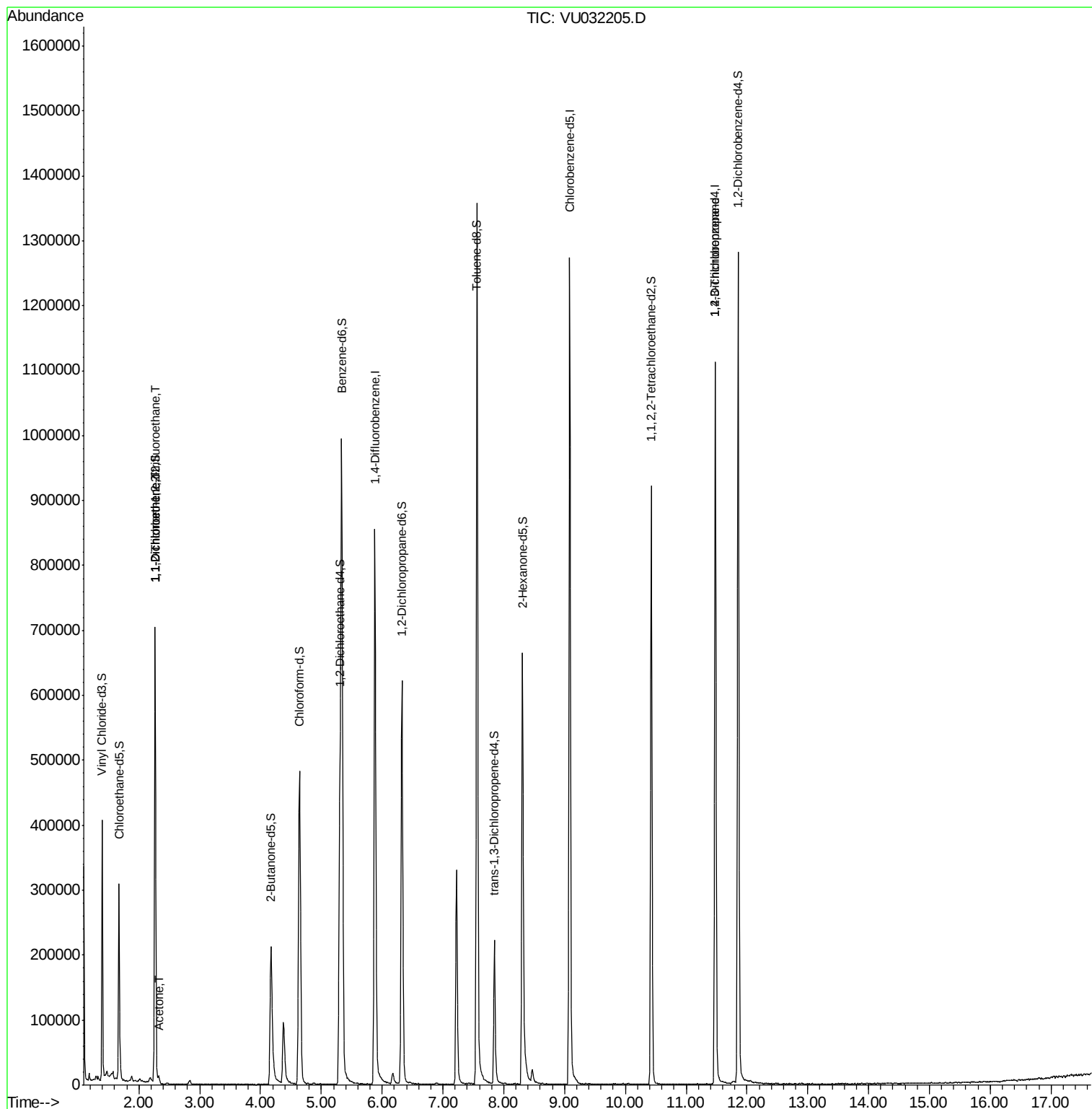
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3971	0.759 ug/L #	19
12) 1,1-Dichloroethene	2.27	96	3026	0.581 ug/L #	1
13) Acetone	2.32	43	7688	2.415 ug/L	93
59) 1,2,3-Trichloropropane	11.48	75	32661	4.443 ug/L	96

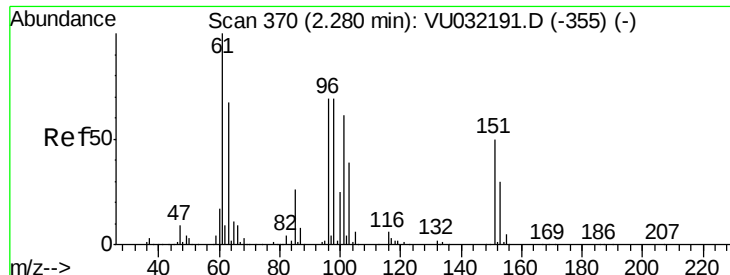
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.759 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampled :

BFHK6

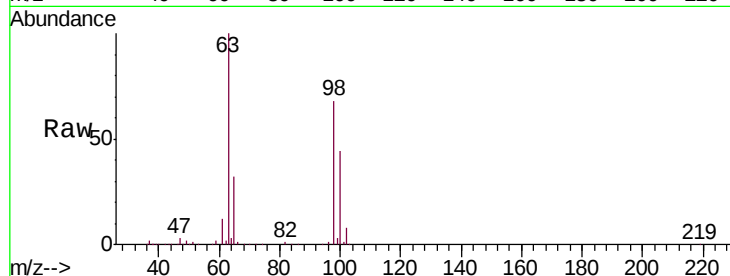
Tgt Ion: 101 Resp: 3971

Ion Ratio Lower Upper

101 100

85 0.0 32.5 48.7#

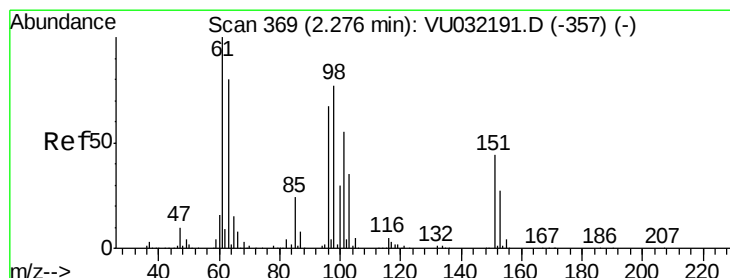
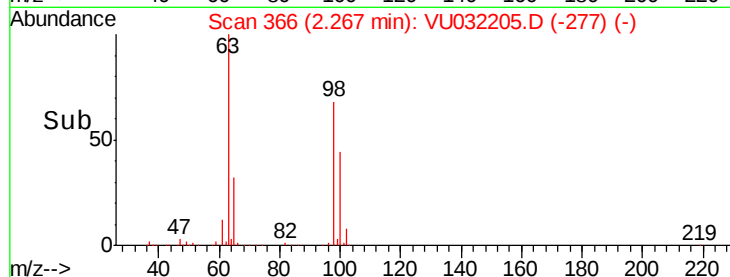
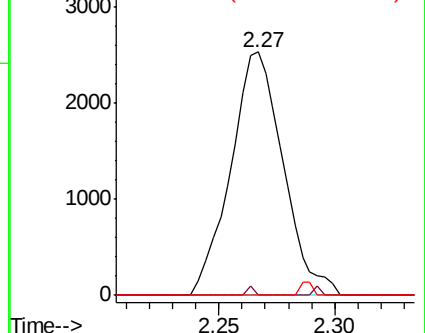
151 1.3 63.1 94.7#



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: 0.581 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

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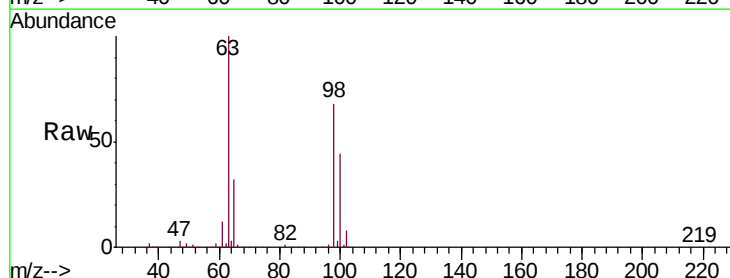
Tgt Ion: 96 Resp: 3026

Ion Ratio Lower Upper

96 100

61 1492.7 103.7 192.7#

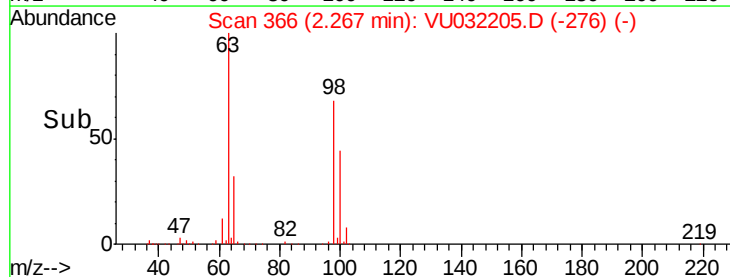
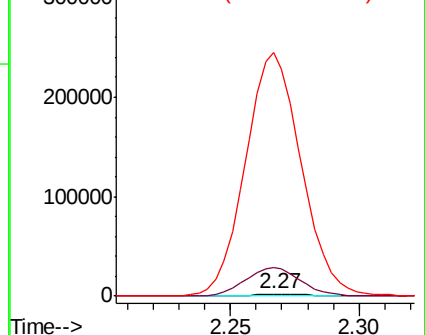
63 12830.2 83.3 154.7#

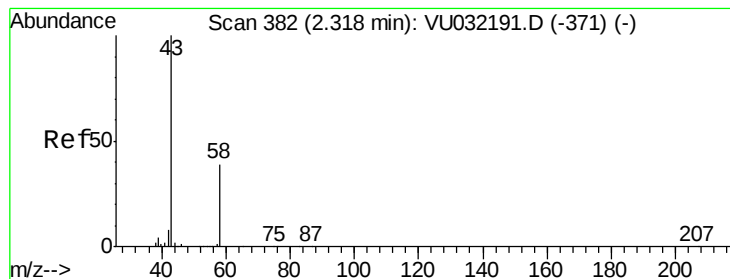


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 2.415 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

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MSVOA_U

ClientSampleId :

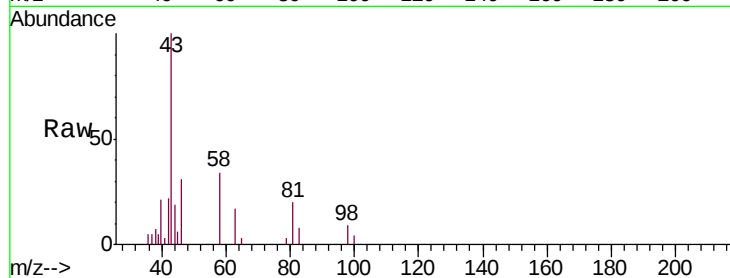
BFHK6

Tgt Ion: 43 Resp: 7688

Ion Ratio Lower Upper

43 100

58 34.4 0.0 76.8



Abundance Ion 43.00 (42.70 to 43.70): VU032191.D (-371) (-)

Ion 58.00 (57.70 to 58.70): VU032191.D (-371) (-)

2.32

4000

3000

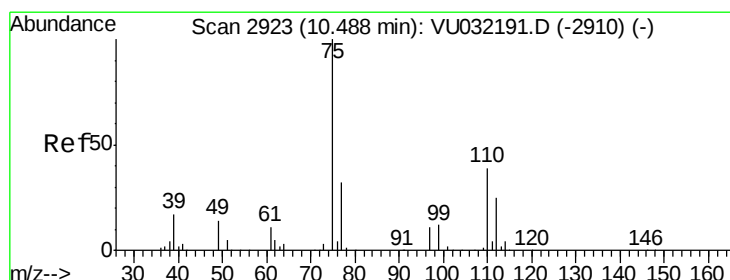
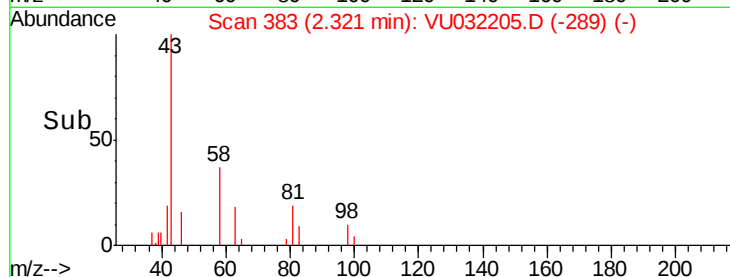
2000

1000

0

Time-->

2.30 2.35



#59

1,2,3-Trichloropropane

Concen: 4.443 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

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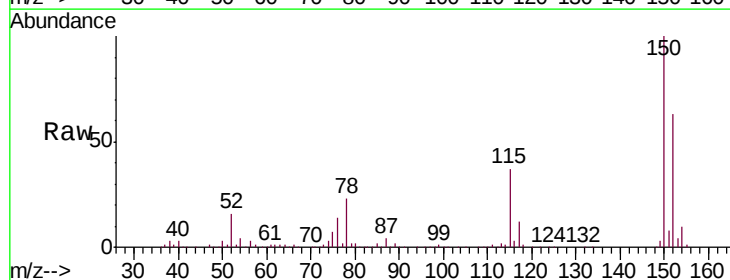
Acq: 21 May 2019 17:43

Tgt Ion: 75 Resp: 32661

Ion Ratio Lower Upper

75 100

77 34.6 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VU032191.D (-2910) (-)

Ion 77.00 (76.70 to 77.70): VU032191.D (-2910) (-)

11.48

25000

20000

15000

10000

5000

0

Time-->

11.45 11.50

