

Data File : VU032207.D
Acq On : 21 May 2019 18:30
Operator : JC/SP
Sample : K2862-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFHK7

Quant Time: May 22 02:13:29 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	791569	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	791598	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	330521	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	256582	49.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.40%
7) Chloroethane-d5	1.67	69	225670	50.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.32%
11) 1,1-Dichloroethene-d2	2.27	63	368296	37.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.92%
21) 2-Butanone-d5	4.17	46	326657	102.54	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.54%
24) Chloroform-d	4.64	84	497759	48.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.86%
26) 1,2-Dichloroethane-d4	5.30	65	309428	51.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.04%
32) Benzene-d6	5.33	84	1067516	51.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.76%
36) 1,2-Dichloropropane-d6	6.32	67	311841	52.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.98%
41) Toluene-d8	7.56	98	968576	49.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.34%
43) trans-1,3-Dichloropropene-	7.85	79	135645	46.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.52%
47) 2-Hexanone-d5	8.31	63	242872	90.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.11%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	464765	48.35	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.70%
64) 1,2-Dichlorobenzene-d4	11.86	152	378431	54.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.48%

Target Compounds

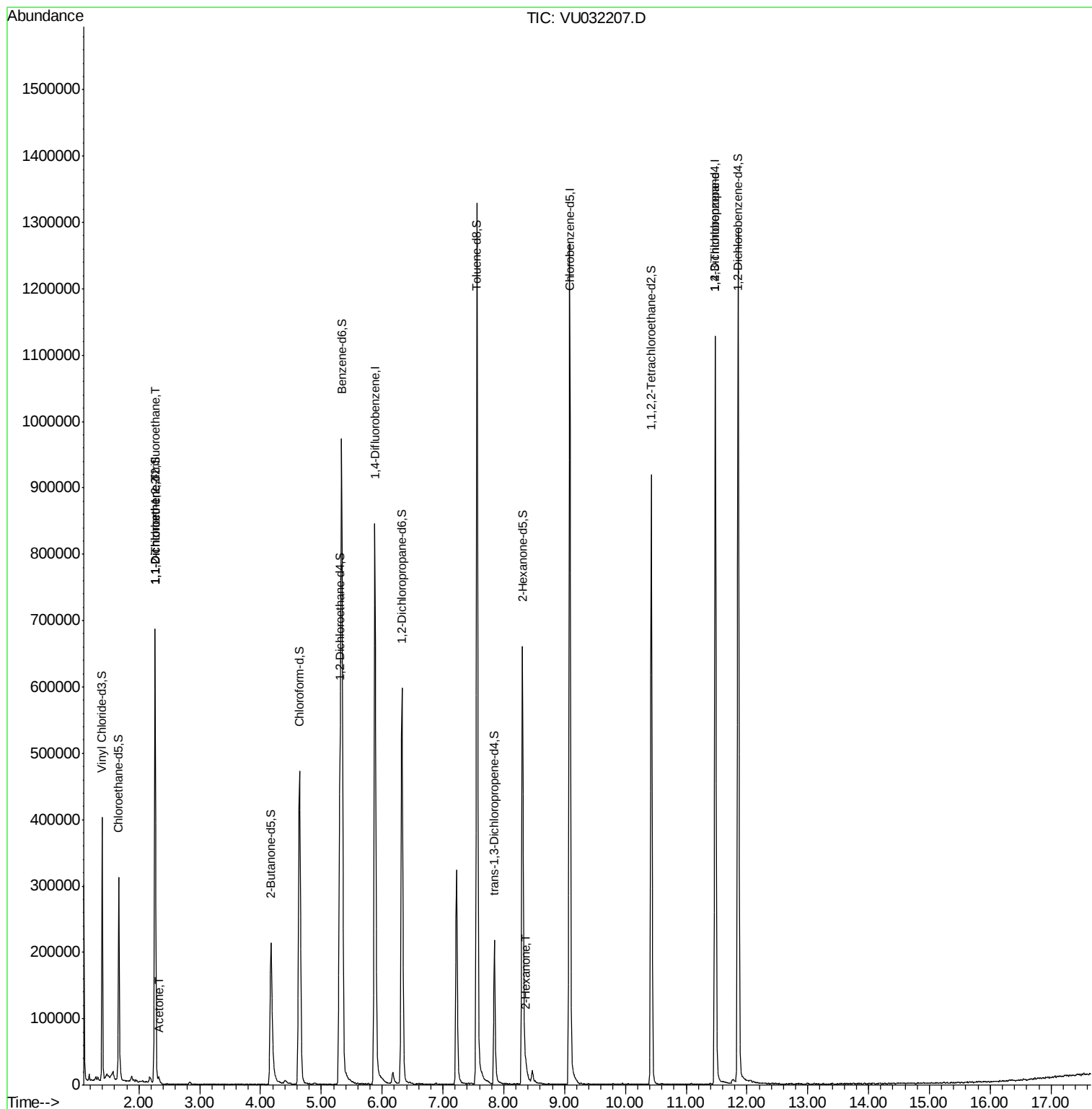
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	4112	0.771	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	3342	0.630	ug/L #	1
13) Acetone	2.32	43	4142	1.277	ug/L	95
48) 2-Hexanone	8.36	43	8789	1.663	ug/L #	72
59) 1,2,3-Trichloropropane	11.48	75	33206	4.449	ug/L	89

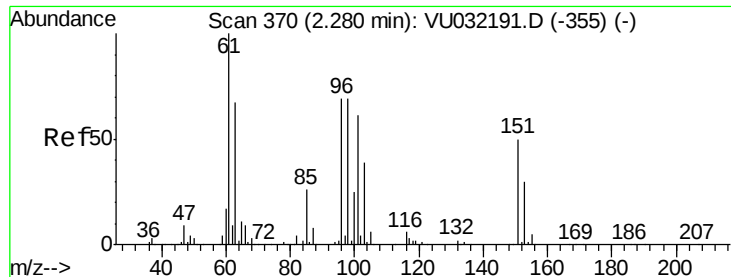
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.771 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.02 min

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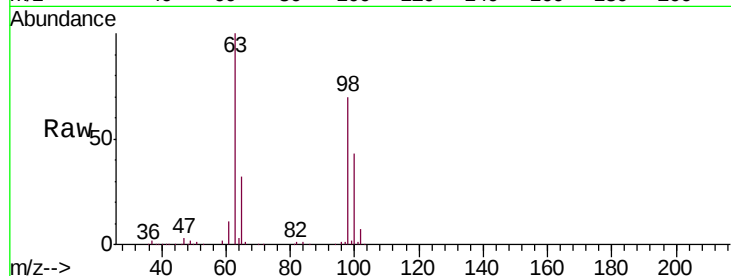
Tgt Ion: 101 Resp: 4112

Ion Ratio Lower Upper

101 100

85 0.0 32.5 48.7#

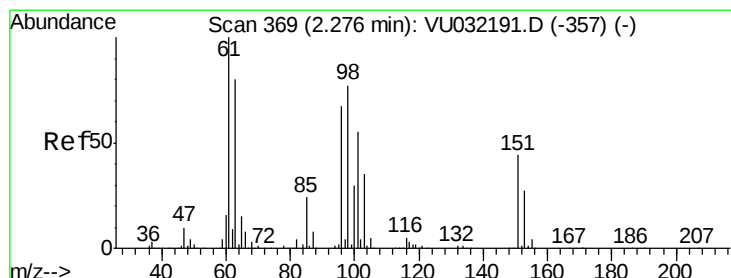
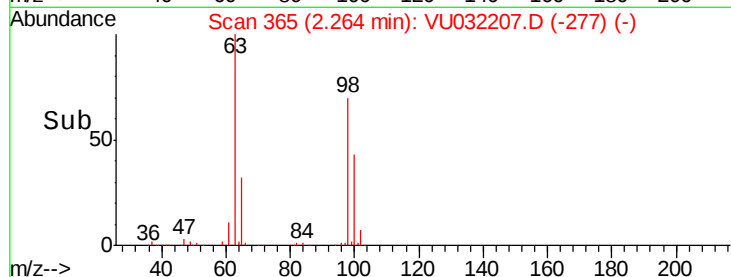
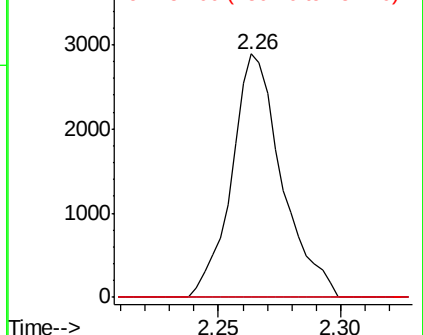
151 0.0 63.1 94.7#



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: 0.630 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032207.D

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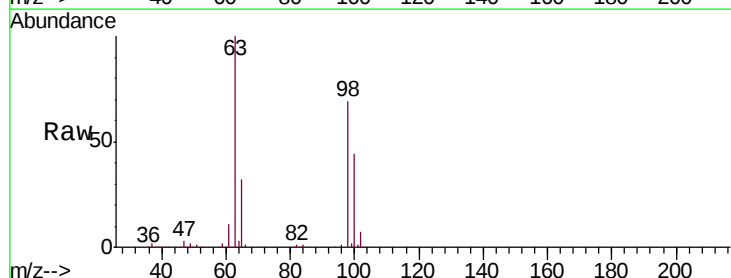
Tgt Ion: 96 Resp: 3342

Ion Ratio Lower Upper

96 100

61 1224.1 103.7 192.7#

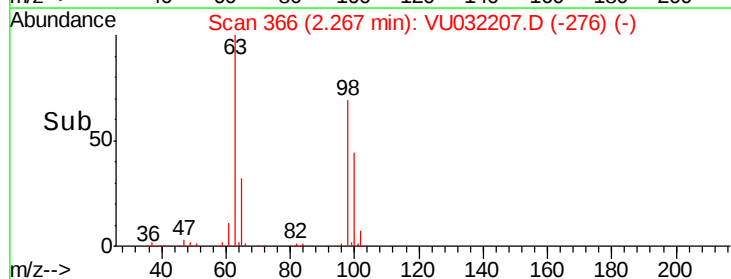
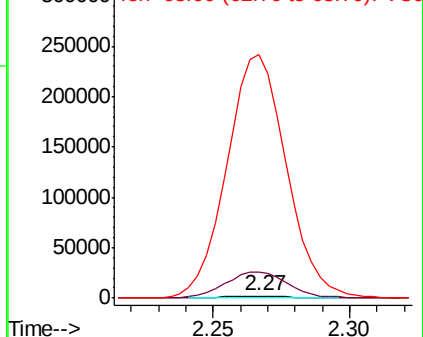
63 11195.6 83.3 154.7#

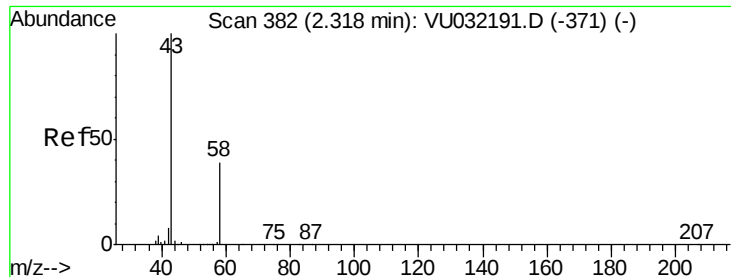


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.277 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

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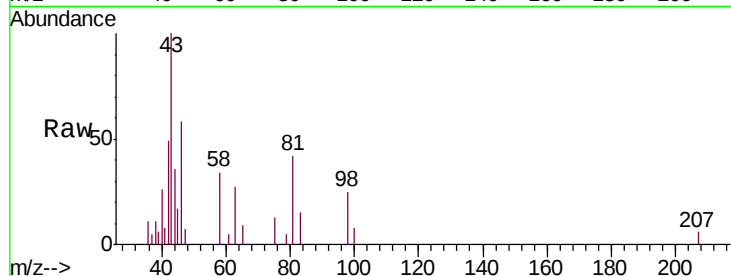
BFHK7

Tgt Ion: 43 Resp: 4142

Ion Ratio Lower Upper

43 100

58 35.5 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

2500

2000

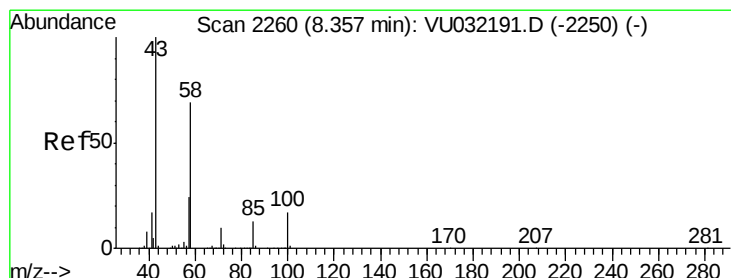
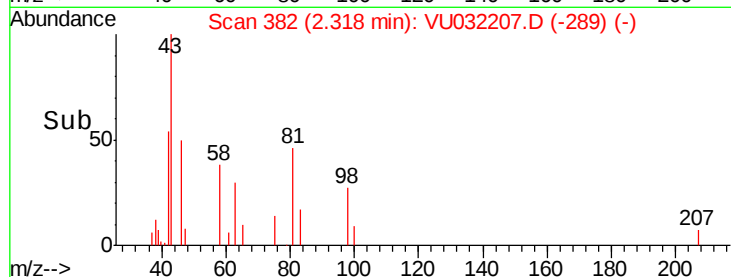
1500

1000

500

0

Time--> 2.25 2.30 2.35



#48

2-Hexanone

Concen: 1.663 ug/L

RT: 8.36 min Scan# 2262

Delta R.T. 0.01 min

Lab File: VU032207.D

Acq: 21 May 2019 18:30

Tgt Ion: 43 Resp: 8789

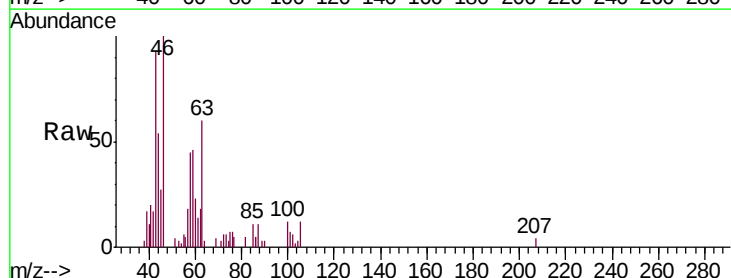
Ion Ratio Lower Upper

43 100

58 42.5 54.1 81.1#

57 10.3 19.4 29.0#

100 10.5 13.6 20.4#



Abundance Ion 43.00 (42.70 to 43.70): VU032191.D (-2250) (-)

Ion 58.00 (57.70 to 58.70): VU032191.D (-2250) (-)

Ion 57.00 (56.70 to 57.70): VU032191.D (-2250) (-)

Ion 100.00 (99.70 to 100.70): VU032191.D (-2250) (-)

20000

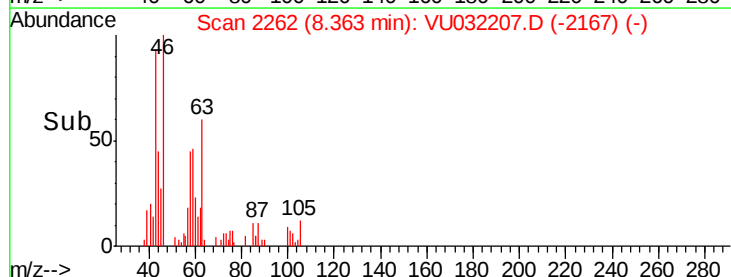
15000

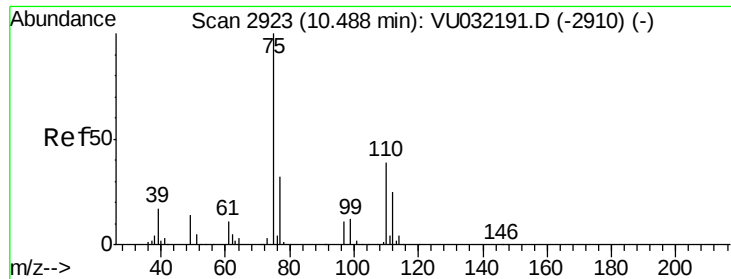
10000

5000

0

Time--> 8.35 8.40





#59

1,2,3-Trichloropropane

Concen: 4.449 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032207.D

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Instrument :

MSVOA_U

ClientSampleId :

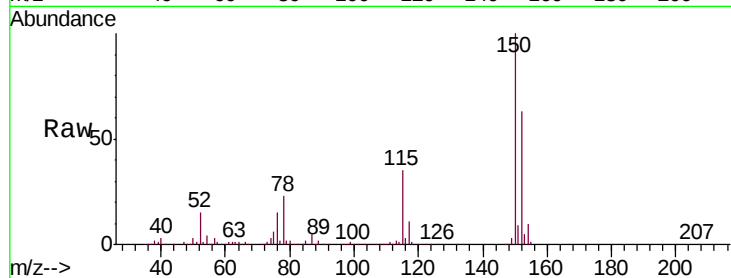
BFHK7

Tgt Ion: 75 Resp: 33206

Ion Ratio Lower Upper

75 100

77 38.8 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

