

Data File : VU031993.D
Acq On : 14 May 2019 14:41
Operator : JC/SP
Sample : K2741-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: May 15 04:29:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 15 04:26:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1069792	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1051571	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	406428	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	430778	45.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.78%
7) Chloroethane-d5	1.67	69	370161	48.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.40%
11) 1,1-Dichloroethene-d2	2.27	63	609480	36.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.44%
21) 2-Butanone-d5	4.17	46	659022	100.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.25%
24) Chloroform-d	4.64	84	729494	46.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.84%
26) 1,2-Dichloroethane-d4	5.31	65	476057	48.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.20%
32) Benzene-d6	5.33	84	1568946	51.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.08%
36) 1,2-Dichloropropane-d6	6.32	67	504413	50.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.44%
41) Toluene-d8	7.56	98	1346001	49.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.70%
43) trans-1,3-Dichloropropene-	7.85	79	204313	46.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.22%
47) 2-Hexanone-d5	8.31	63	419573	103.01	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.01%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	707867	47.61	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.22%
64) 1,2-Dichlorobenzene-d4	11.86	152	449554	52.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.14%

Target Compounds

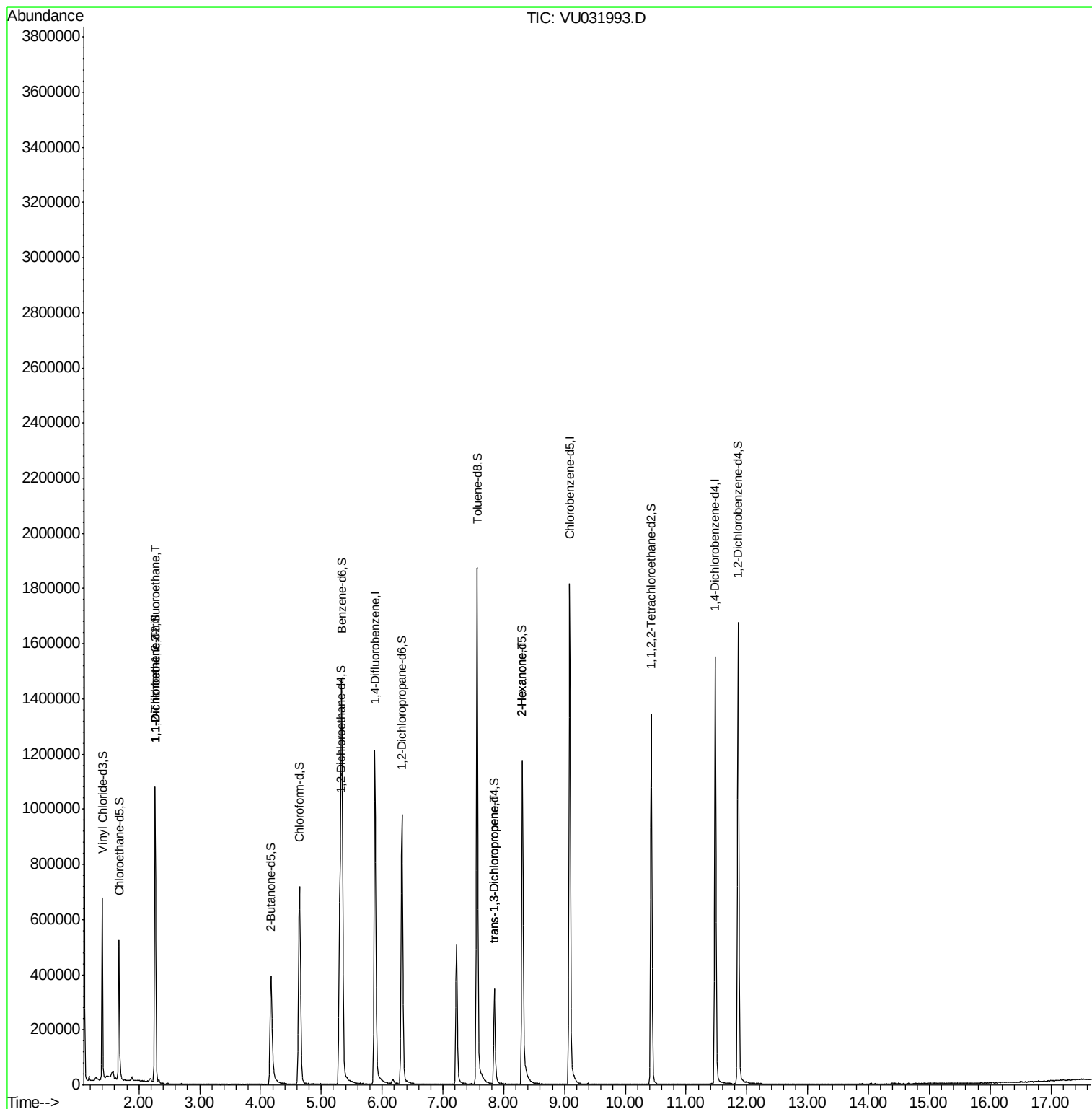
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	5812	0.730 ug/L #	27	
12) 1,1-Dichloroethene	2.27	96	5042	0.638 ug/L #	1	
44) trans-1,3-Dichloropropene	7.85	75	7967	0.691 ug/L #	72	
48) 2-Hexanone	8.31	43	44736	4.391 ug/L #	72	

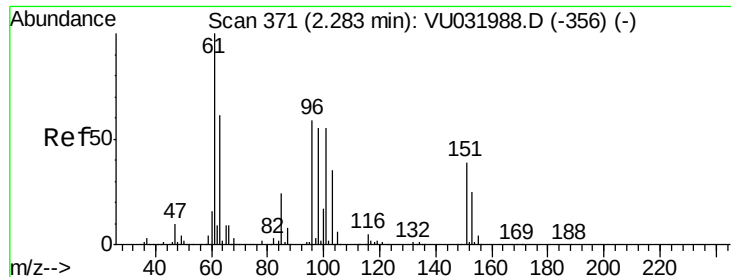
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.730 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

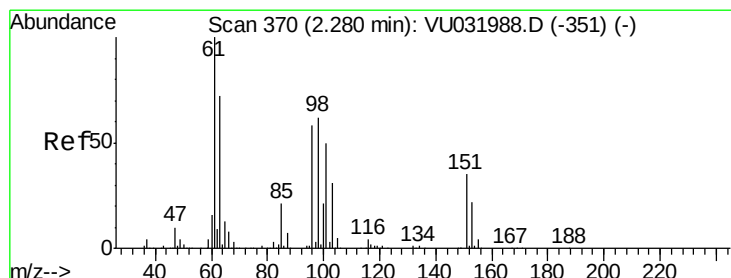
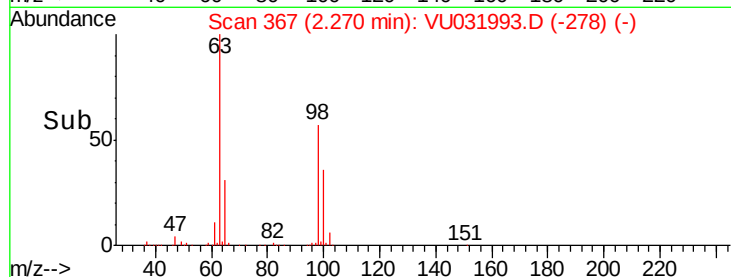
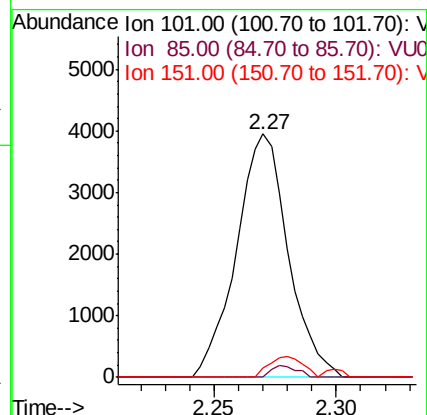
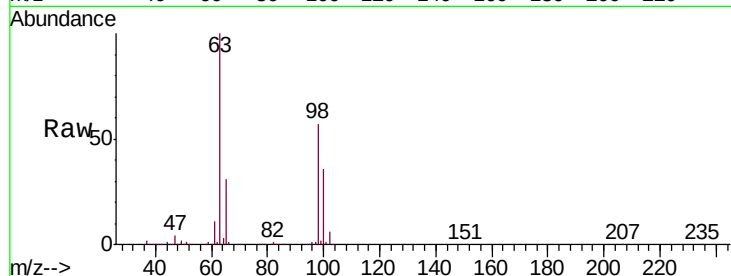
Tgt Ion: 101 Resp: 5812

Ion Ratio Lower Upper

101 100

85 2.4 34.1 51.1#

151 5.6 55.8 83.8#



#12

1,1-Dichloroethene

Concen: 0.638 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

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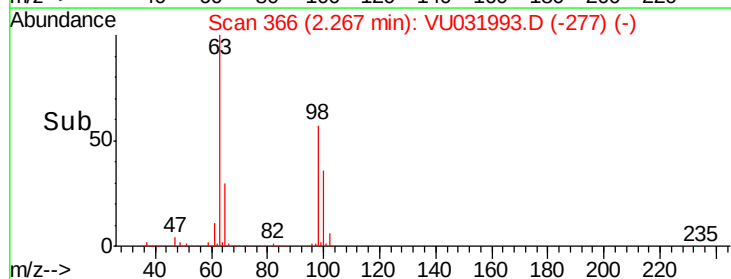
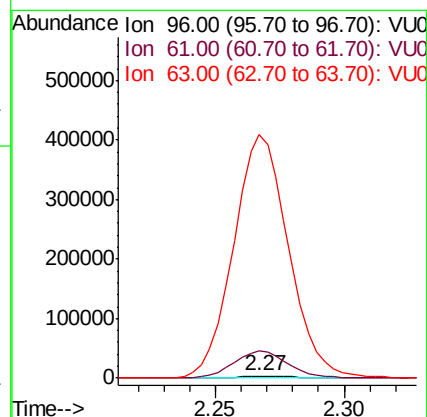
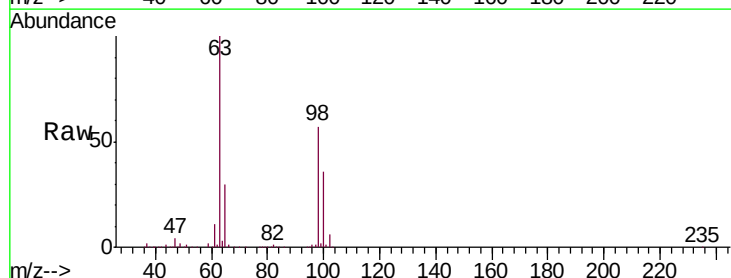
Tgt Ion: 96 Resp: 5042

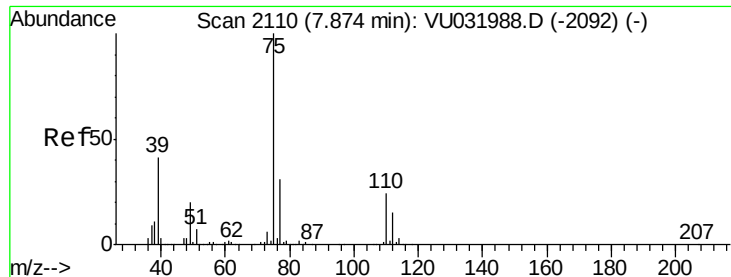
Ion Ratio Lower Upper

96 100

61 1472.8 120.9 224.5#

63 13139.1 84.4 156.8#





#44

trans-1,3-Dichloropropene

Concen: 0.691 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

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Instrument :

MSVOA_U

ClientSampleId :

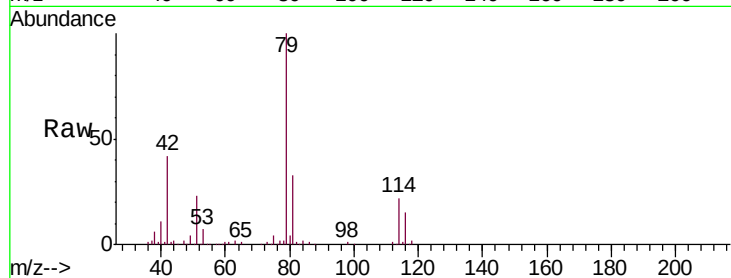
VHBLK01

Tgt Ion: 75 Resp: 7967

Ion Ratio Lower Upper

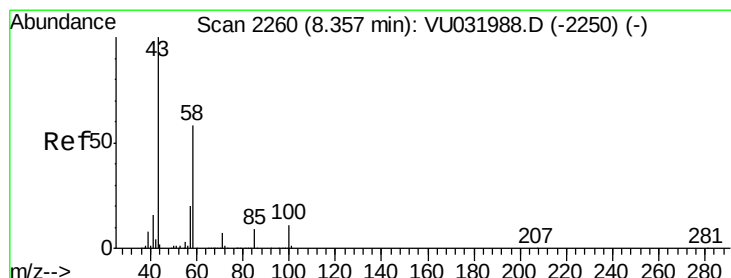
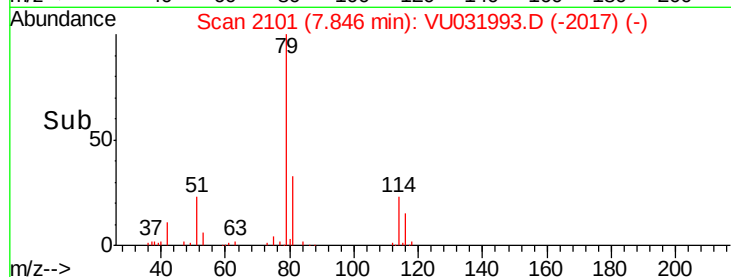
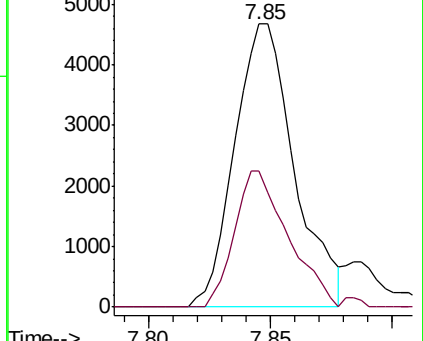
75 100

77 47.9 22.5 41.7#



Abundance Ion 75.00 (74.70 to 75.70): VU031988.D (-2092) (-)

Ion 77.00 (76.70 to 77.70): VU031988.D (-2092) (-)



#48

2-Hexanone

Concen: 4.391 ug/L

RT: 8.31 min Scan# 2244

Delta R.T. -0.05 min

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Tgt Ion: 43 Resp: 44736

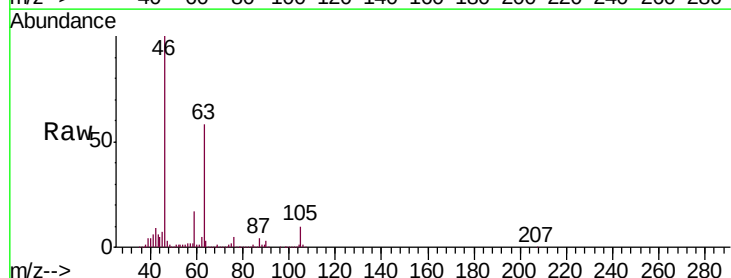
Ion Ratio Lower Upper

43 100

58 38.5 47.8 71.6#

57 32.5 16.0 24.0#

100 0.7 9.6 14.4#



Abundance Ion 43.00 (42.70 to 43.70): VU031988.D (-2250) (-)

Ion 58.00 (57.70 to 58.70): VU031988.D (-2250) (-)

Ion 57.00 (56.70 to 57.70): VU031988.D (-2250) (-)

Ion 100.00 (99.70 to 100.70): VU031988.D (-2250) (-)

