

Data File : VU032377.D
Acq On : 30 May 2019 13:27
Operator : JC/SP
Sample : K3017-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

Quant Time: May 31 04:37:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052819WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 31 04:34:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	730592	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	736972	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	311473	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	240461	44.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.30%
7) Chloroethane-d5	1.67	69	204467	47.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.04%
11) 1,1-Dichloroethene-d2	2.27	63	339535	35.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.98%
21) 2-Butanone-d5	4.17	46	342614	96.67	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.67%
24) Chloroform-d	4.64	84	448467	47.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.16%
26) 1,2-Dichloroethane-d4	5.30	65	275006	49.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.60%
32) Benzene-d6	5.34	84	938840	48.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.14%
36) 1,2-Dichloropropane-d6	6.32	67	289257	48.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.42%
41) Toluene-d8	7.56	98	843421	46.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.54%
43) trans-1,3-Dichloropropene-	7.85	79	123744	45.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.08%
47) 2-Hexanone-d5	8.31	63	231527	91.97	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.97%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	426941	46.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.14%
64) 1,2-Dichlorobenzene-d4	11.86	152	324942	51.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.32%

Target Compounds

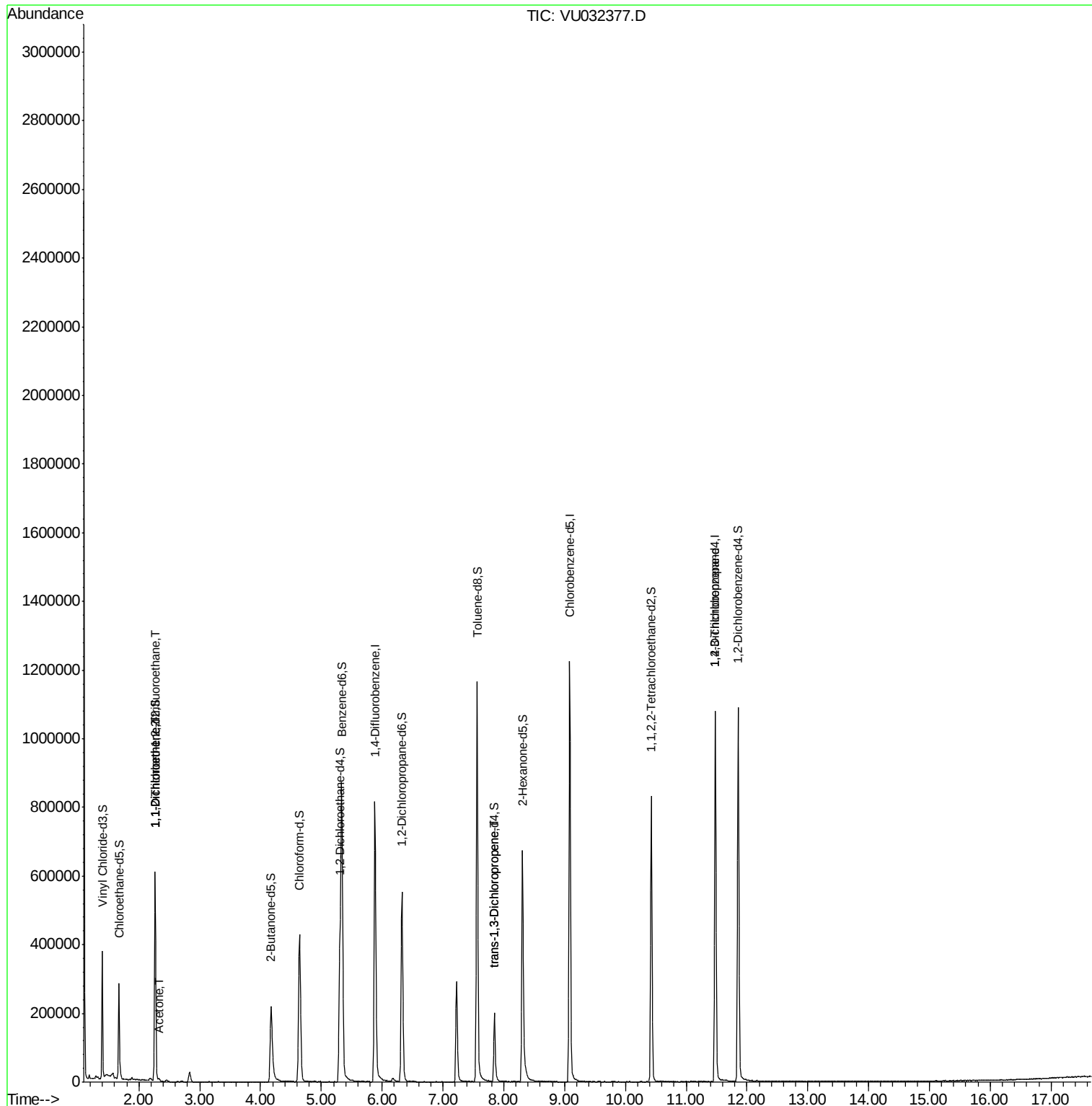
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3814	0.823 ug/L #	19
12) 1,1-Dichloroethene	2.27	96	2621	0.554 ug/L #	1
13) Acetone	2.32	43	3287	0.984 ug/L	63
44) trans-1,3-Dichloropropene	7.85	75	4704	0.675 ug/L	97
59) 1,2,3-Trichloropropane	11.48	75	32218	4.509 ug/L	89

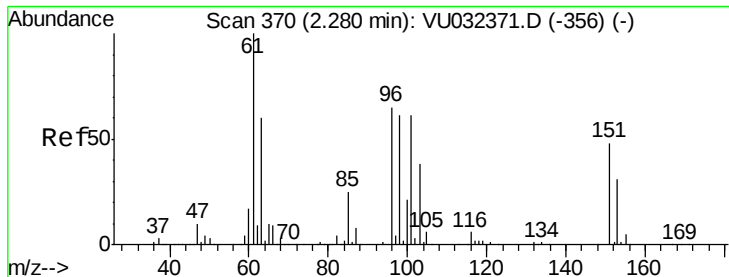
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.823 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

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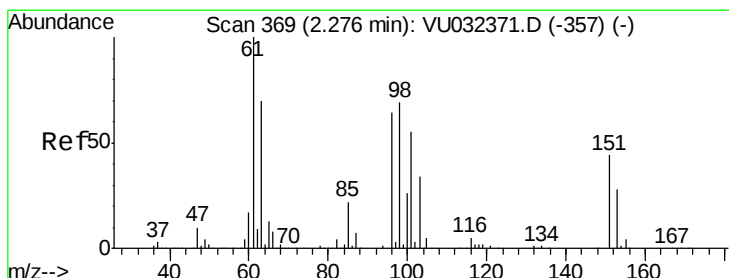
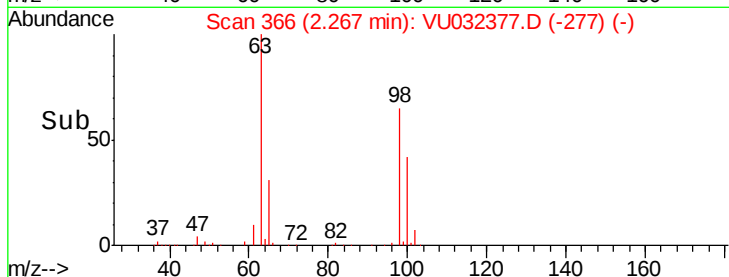
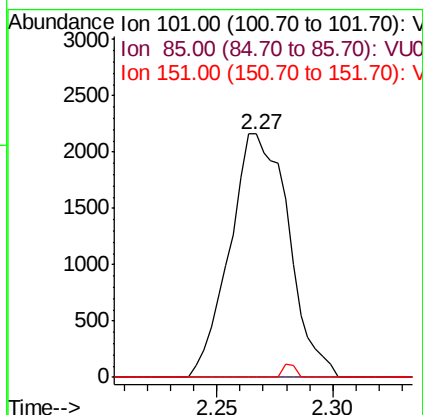
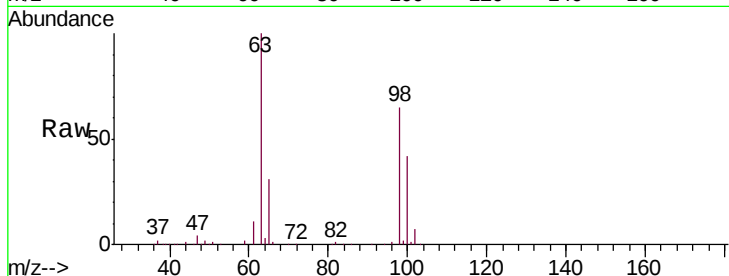
Tgt Ion: 101 Resp: 3814

Ion Ratio Lower Upper

101 100

85 0.0 33.4 50.0#

151 1.2 63.7 95.5#



#12

1,1-Dichloroethene

Concen: 0.554 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032377.D

Acq: 30 May 2019 13:27

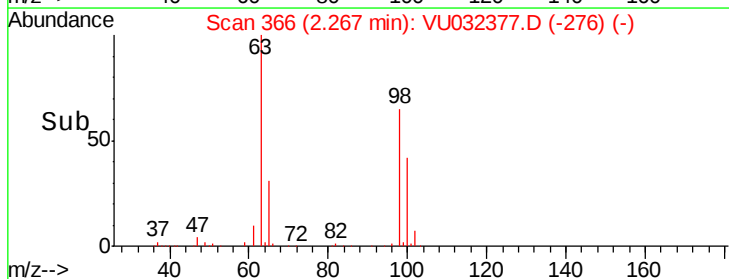
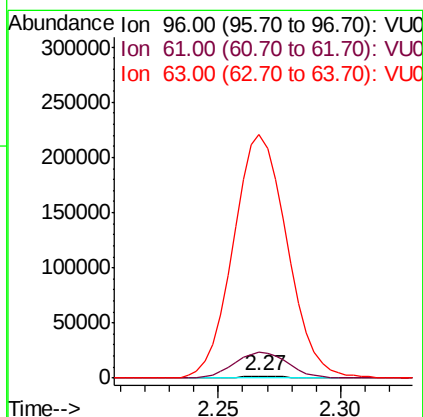
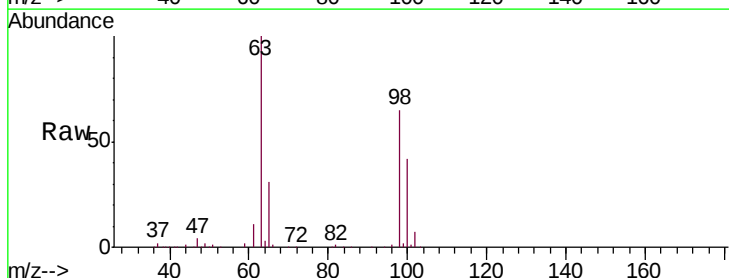
Tgt Ion: 96 Resp: 2621

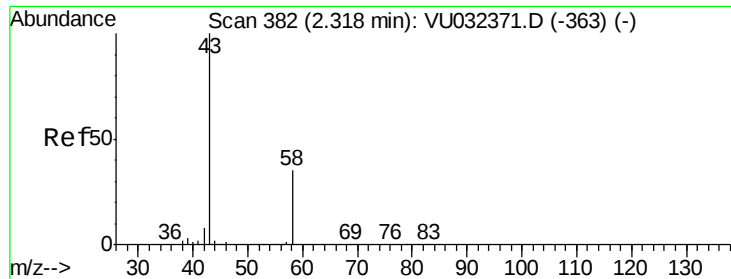
Ion Ratio Lower Upper

96 100

61 1504.1 109.8 203.8#

63 14301.5 74.4 138.2#





#13

Acetone

Concen: 0.984 ug/L

RT: 2.32 min Scan# 384

Delta R.T. 0.01 min

Lab File: VU032377.D

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Instrument :

MSVOA_U

ClientSampleId :

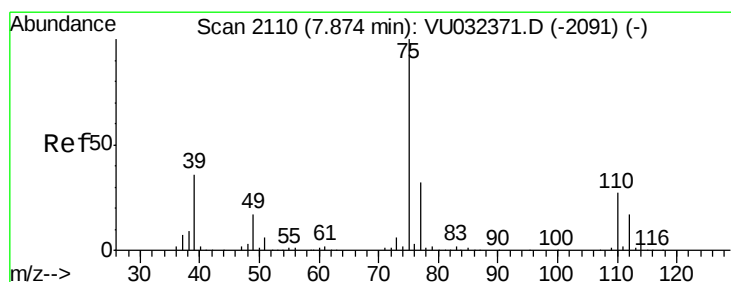
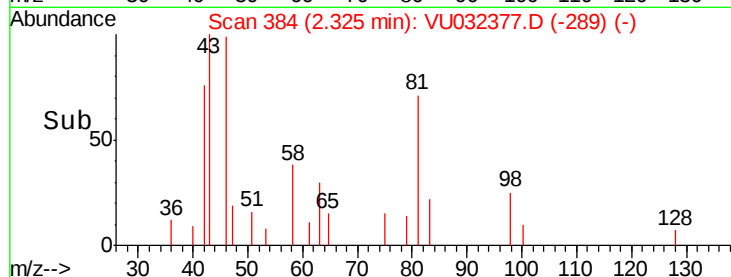
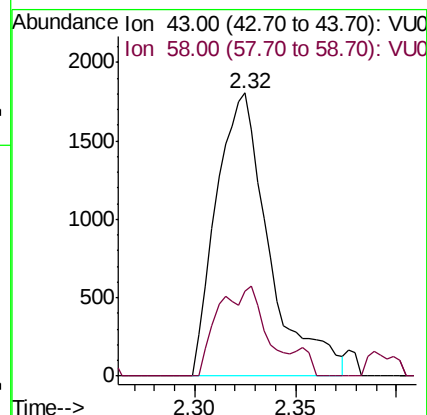
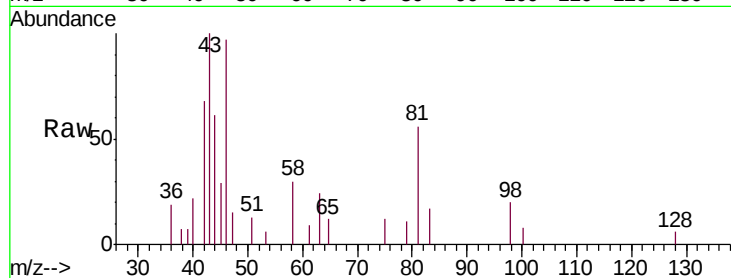
VHBLK02

Tgt Ion: 43 Resp: 3287

Ion Ratio Lower Upper

43 100

58 14.8 0.0 73.6



#44

trans-1,3-Dichloropropene

Concen: 0.675 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU032377.D

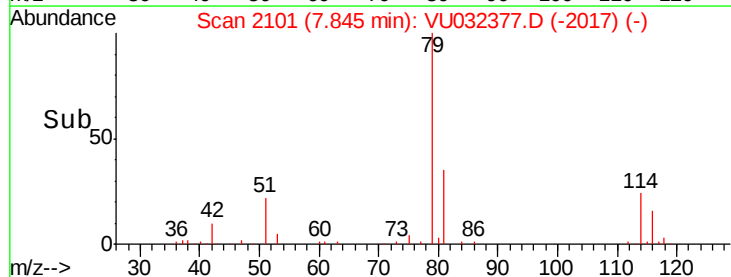
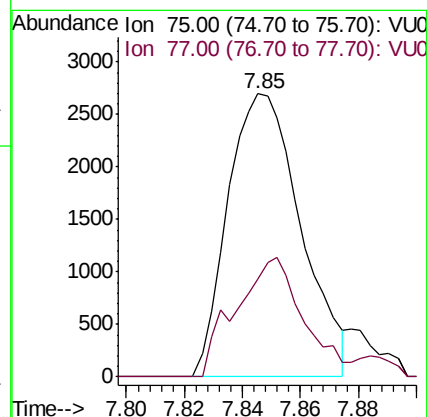
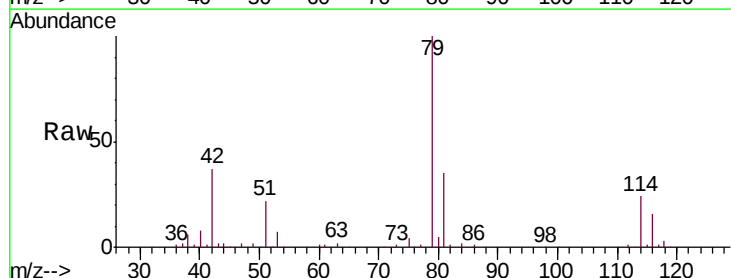
Acq: 30 May 2019 13:27

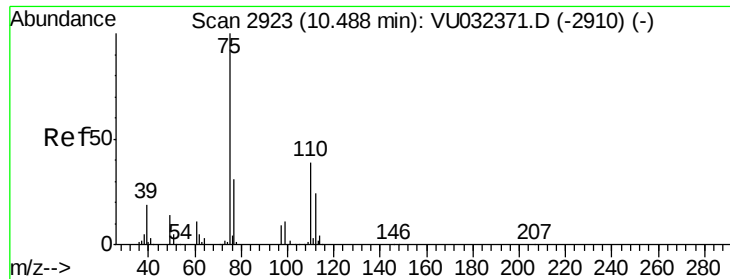
Tgt Ion: 75 Resp: 4704

Ion Ratio Lower Upper

75 100

77 34.7 23.0 42.6





#59

1,2,3-Trichloropropane

Concen: 4.509 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032377.D

Acq: 30 May 2019 13:27

Instrument :

MSVOA_U

ClientSampleId :

VHBLK02

Tgt Ion: 75 Resp: 32218

Ion Ratio Lower Upper

75 100

77 38.3 25.8 38.8

