

Data File : VU030785.D
Acq On : 06 Apr 2019 08:41
Operator : JC/SP
Sample : VIBLK40
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK40

Quant Time: Apr 08 01:08:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 08 01:03:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	457647	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	460937	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	185735	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	197108	48.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.50%
7) Chloroethane-d5	1.68	69	160041	51.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.24%
11) 1,1-Dichloroethene-d2	2.27	63	282161	38.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.38%
21) 2-Butanone-d5	4.17	46	358137	110.61	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.61%
24) Chloroform-d	4.64	84	305104	48.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.78%
26) 1,2-Dichloroethane-d4	5.31	65	223764	52.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.10%
32) Benzene-d6	5.34	84	671621	49.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.82%
36) 1,2-Dichloropropane-d6	6.32	67	233714	50.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.36%
41) Toluene-d8	7.56	98	582318	48.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.64%
43) trans-1,3-Dichloropropene-	7.85	79	95803	45.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.12%
47) 2-Hexanone-d5	8.31	63	208458	98.90	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.90%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	311186	50.03	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.06%
64) 1,2-Dichlorobenzene-d4	11.86	152	197633	54.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.20%

Target Compounds

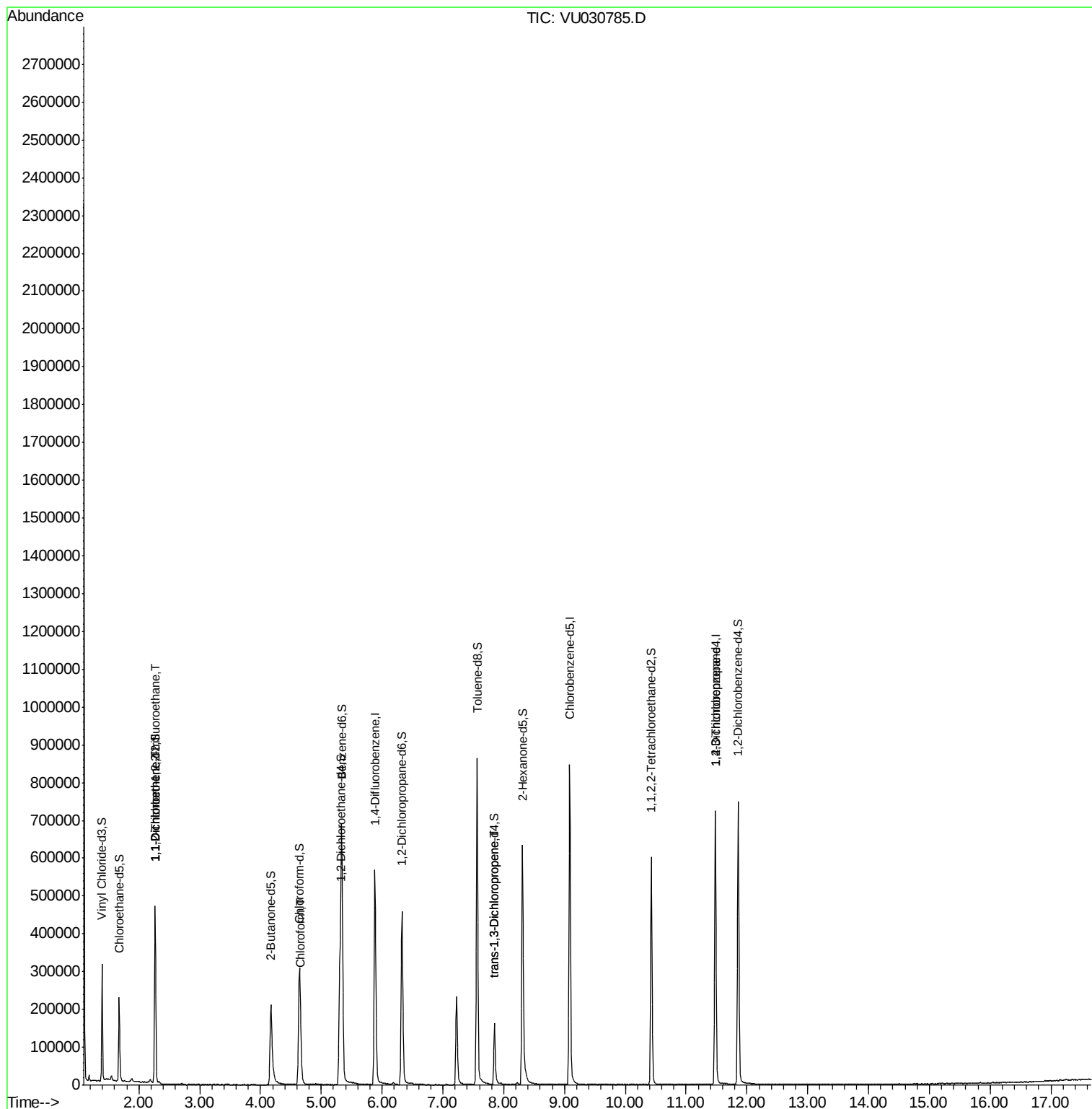
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2194	0.670 ug/L #	24
12) 1,1-Dichloroethene	2.27	96	3145	0.994 ug/L #	1
25) Chloroform	4.67	83	29998	4.306 ug/L	99
44) trans-1,3-Dichloropropene	7.85	75	3908	0.729 ug/L #	82
59) 1,2,3-Trichloropropane	11.48	75	23712	4.635 ug/L	91

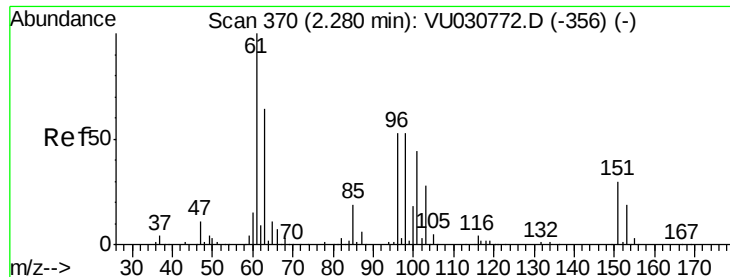
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.670 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

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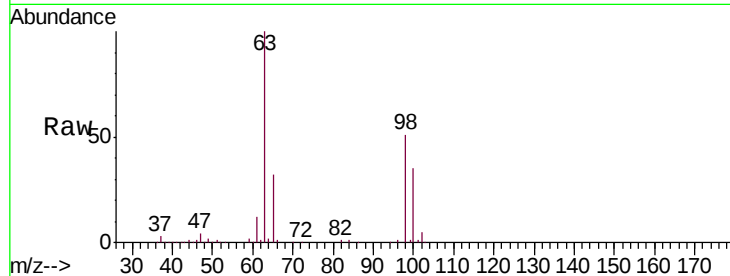
Tgt Ion: 101 Resp: 2194

Ion Ratio Lower Upper

101 100

85 4.0 36.8 55.2#

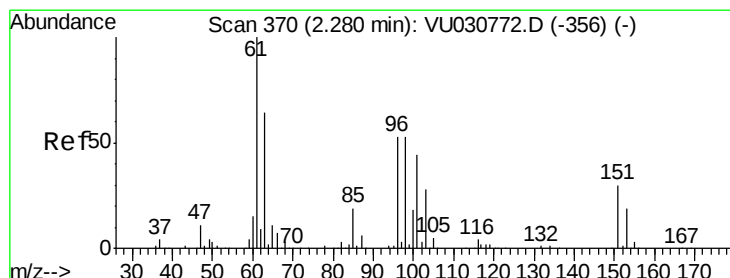
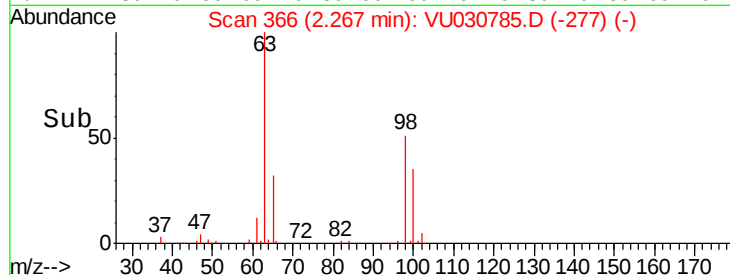
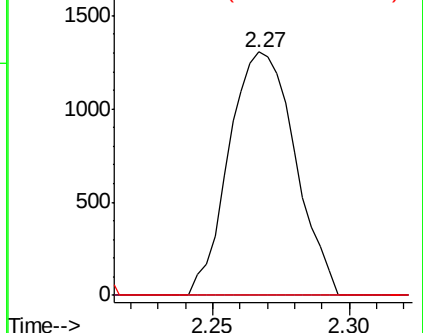
151 1.9 57.4 86.0#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VUC

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.994 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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Acq: 06 Apr 2019 08:41

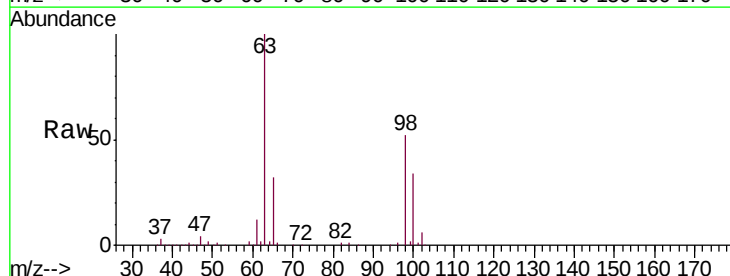
Tgt Ion: 96 Resp: 3145

Ion Ratio Lower Upper

96 100

61 1154.9 132.0 245.2#

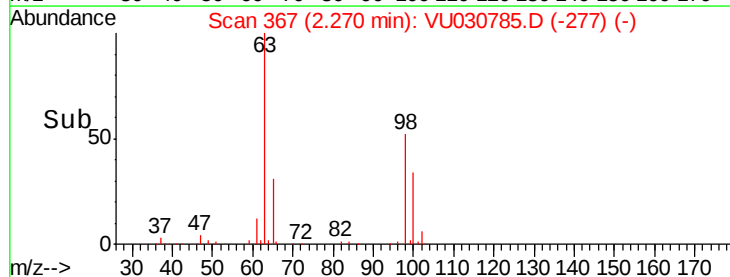
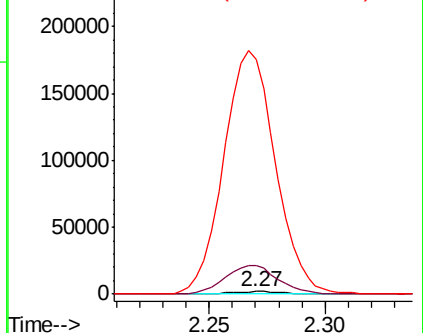
63 9496.0 90.9 168.9#

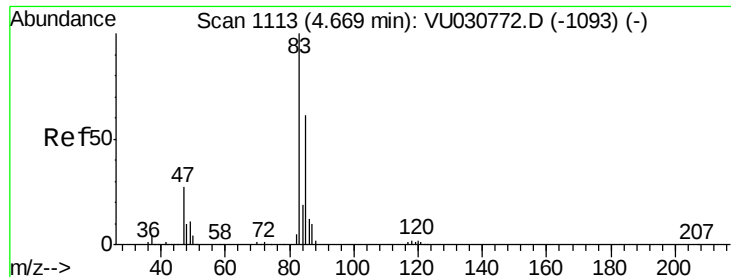


Abundance Ion 96.00 (95.70 to 96.70): VUC

Ion 61.00 (60.70 to 61.70): VUC

Ion 63.00 (62.70 to 63.70): VUC





#25

Chloroform

Concen: 4.306 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. 0.00 min

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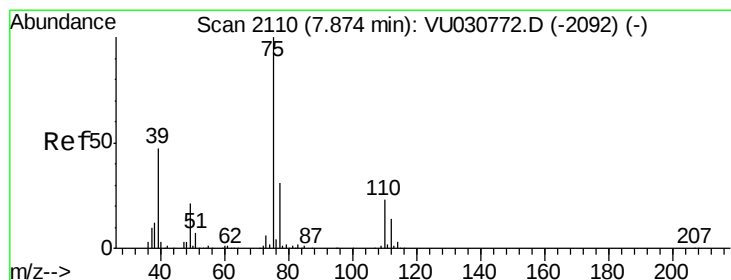
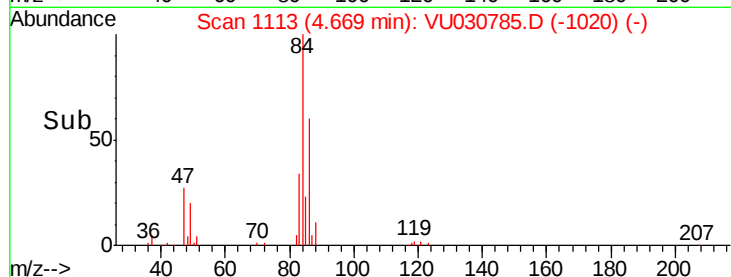
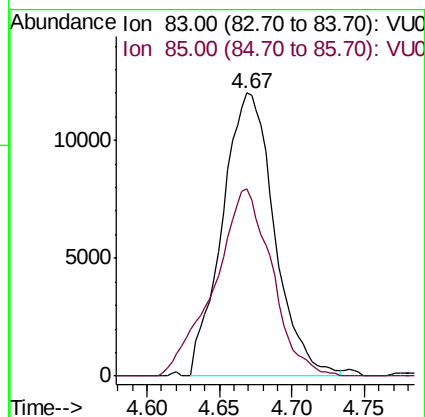
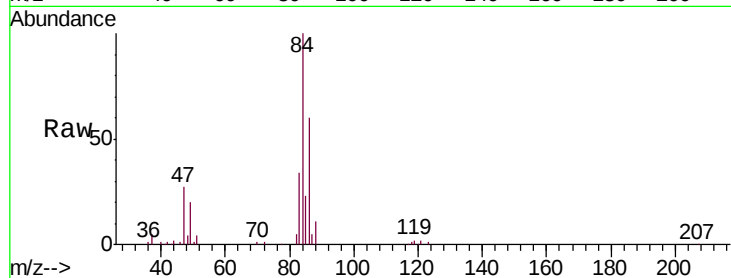
VIBLK40

Tgt Ion: 83 Resp: 29998

Ion Ratio Lower Upper

83 100

85 66.1 45.8 85.0



#44

trans-1,3-Dichloropropene

Concen: 0.729 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU030785.D

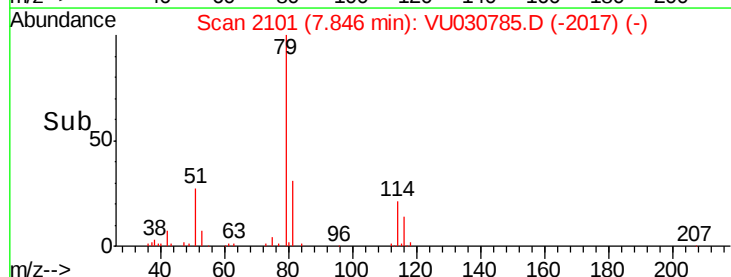
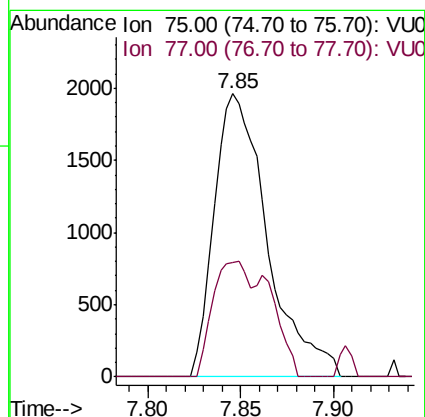
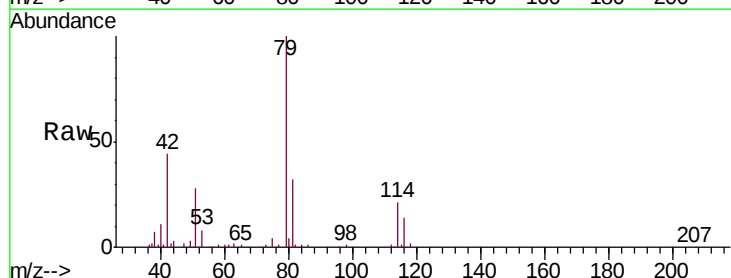
Acq: 06 Apr 2019 08:41

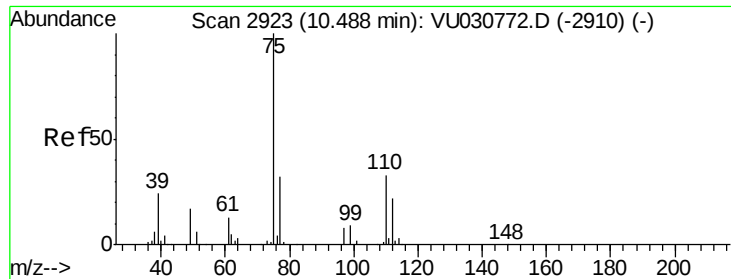
Tgt Ion: 75 Resp: 3908

Ion Ratio Lower Upper

75 100

77 40.6 21.6 40.0#





#59

1,2,3-Trichloropropane

Concen: 4.635 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030785.D

Acq: 06 Apr 2019 08:41

Instrument :

MSVOA_U

ClientSampleId :

VIBLK40

Tgt Ion: 75 Resp: 23712

Ion Ratio Lower Upper

75 100

77 37.7 26.1 39.1

