

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031023.D
 Acq On : 10 Apr 2019 19:58
 Operator : JC/SP
 Sample : K2273-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Apr 11 05:23:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 11 05:17:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	441715	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	449539	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	180171	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	185922	47.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.30%
7) Chloroethane-d5	1.68	69	153256	51.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.42%
11) 1,1-Dichloroethene-d2	2.27	63	261765	36.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.40%
21) 2-Butanone-d5	4.17	46	336530	107.69	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.69%
24) Chloroform-d	4.64	84	316508	52.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.10%
26) 1,2-Dichloroethane-d4	5.30	65	222049	54.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.06%
32) Benzene-d6	5.34	84	626738	47.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.52%
36) 1,2-Dichloropropane-d6	6.32	67	223566	49.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.42%
41) Toluene-d8	7.56	98	532671	45.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.58%
43) trans-1,3-Dichloropropene-	7.85	79	94395	46.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.06%
47) 2-Hexanone-d5	8.31	63	186660	90.81	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.81%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	311997	51.43	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.86%
64) 1,2-Dichlorobenzene-d4	11.86	152	196240	55.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.76%

Target Compounds

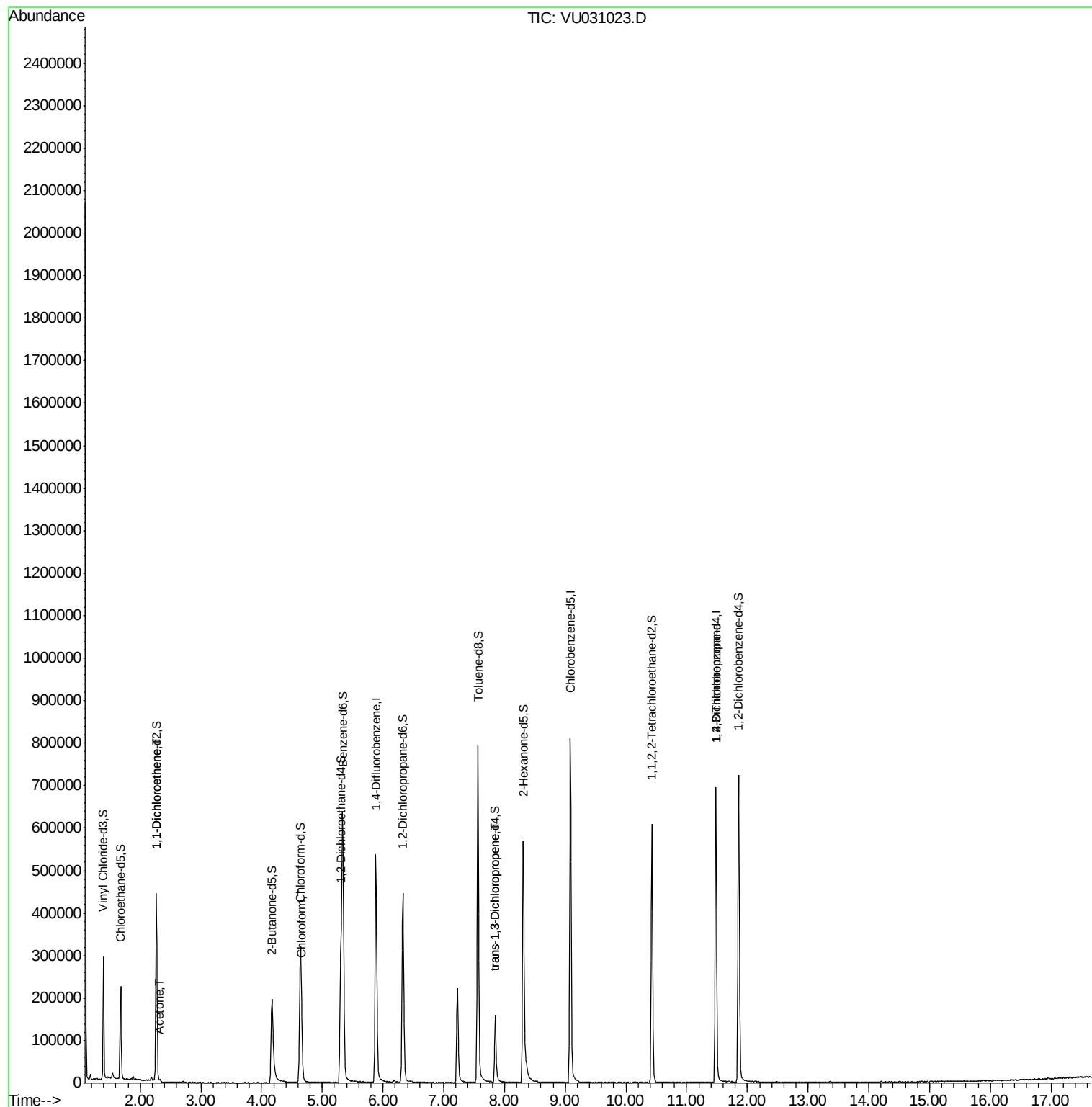
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.27	96	2351	0.770	ug/L	# 1
13) Acetone	2.32	43	2001	0.626	ug/L	99
25) Chloroform	4.67	83	16217	2.412	ug/L	96
44) trans-1,3-Dichloropropene	7.85	75	3852	0.737	ug/L	91
59) 1,2,3-Trichloropropane	11.48	75	22001	4.410	ug/L	93

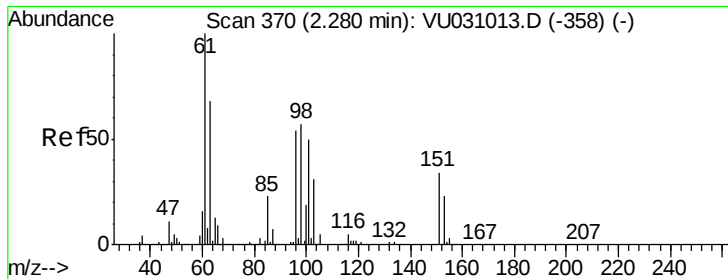
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.770 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031023.D

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Instrument :

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ClientSampleId :

VHBLK01

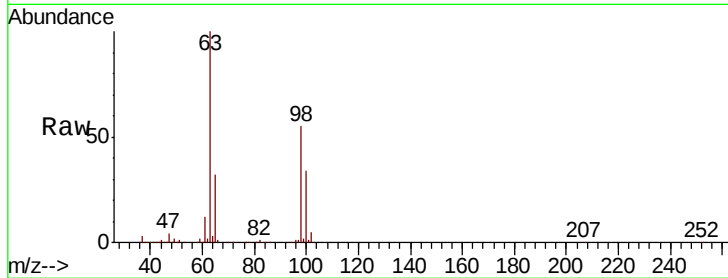
Tot Ion: 96 Resp: 2351

Ion Ratio Lower Upper

96 100

61 1142.7 132.0 245.2#

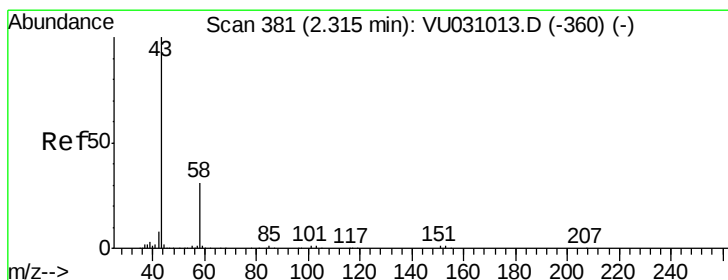
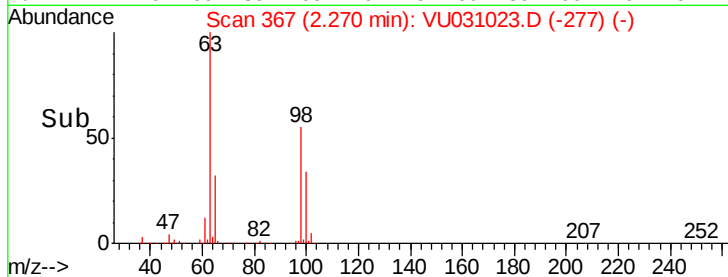
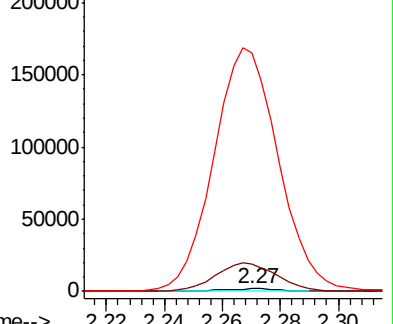
63 9931.6 90.9 168.9#



Abundance Ion 96.00 (95.70 to 96.70): VU031013.D (-358) (-)

Ion 61.00 (60.70 to 61.70): VU031013.D (-358) (-)

Ion 63.00 (62.70 to 63.70): VU031013.D (-358) (-)



#13

Acetone

Concen: 0.626 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU031023.D

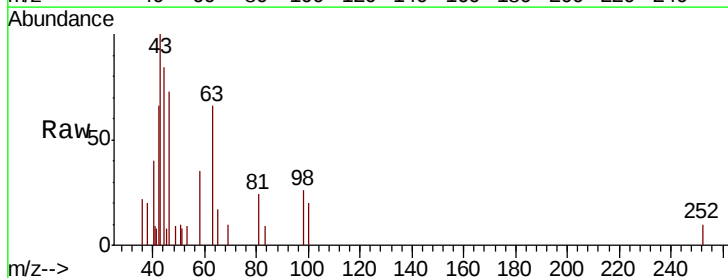
Acq: 10 Apr 2019 19:58

Tgt Ion: 43 Resp: 2001

Ion Ratio Lower Upper

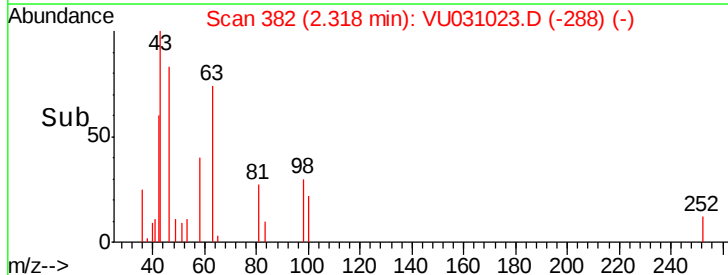
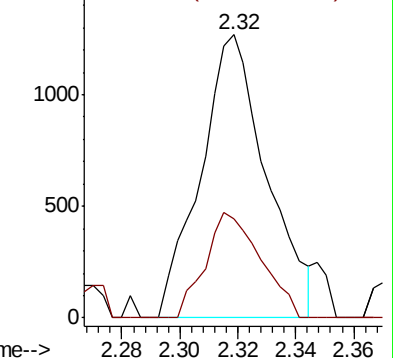
43 100

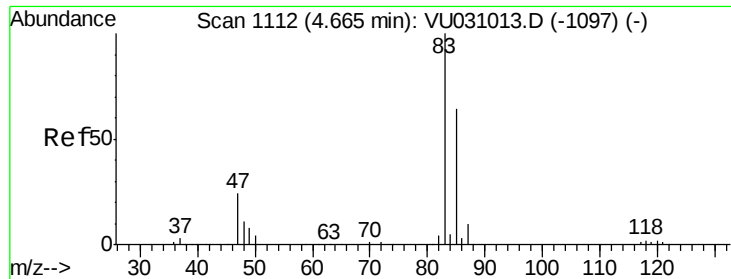
58 31.3 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU031013.D (-360) (-)

Ion 58.00 (57.70 to 58.70): VU031013.D (-360) (-)

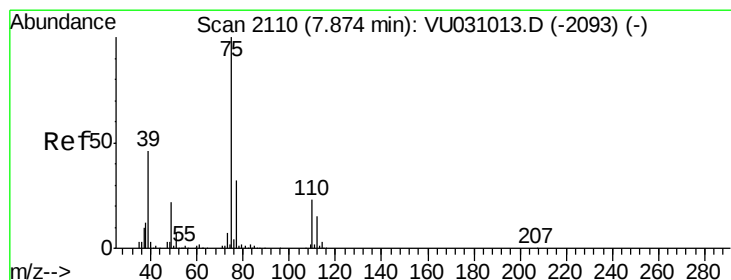
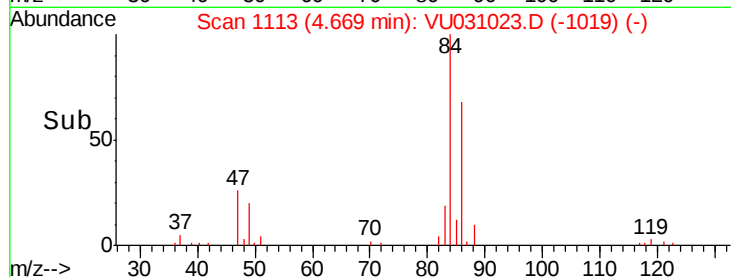
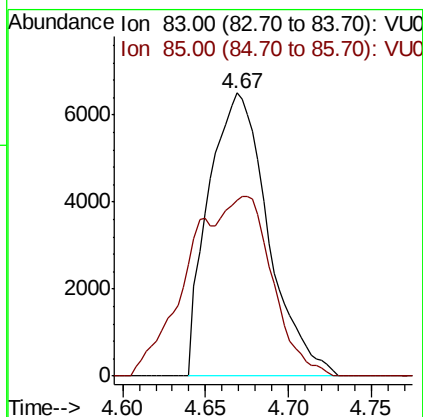
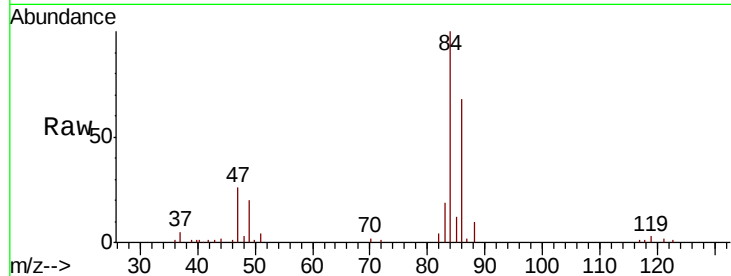




#25
Chloroform
Concen: 2.412 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VU031023.D
Acq: 10 Apr 2019 19:58

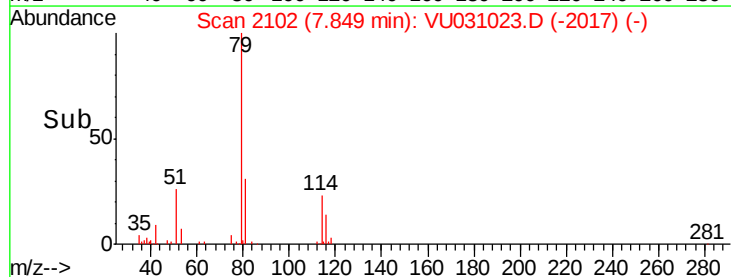
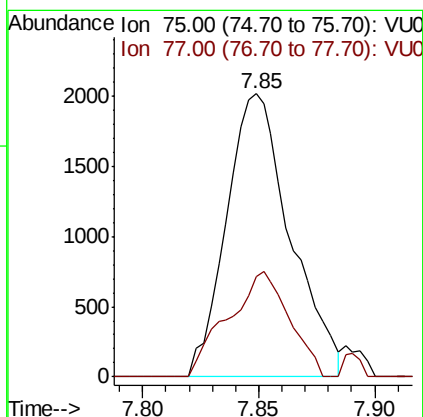
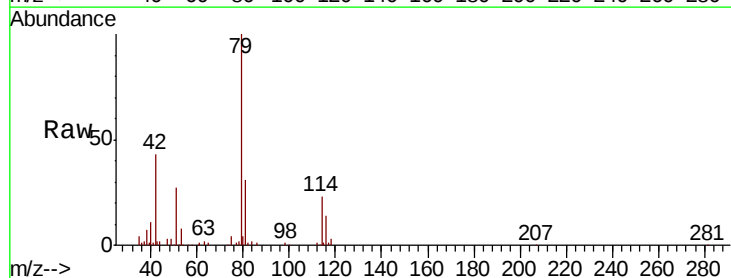
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VHBLK01

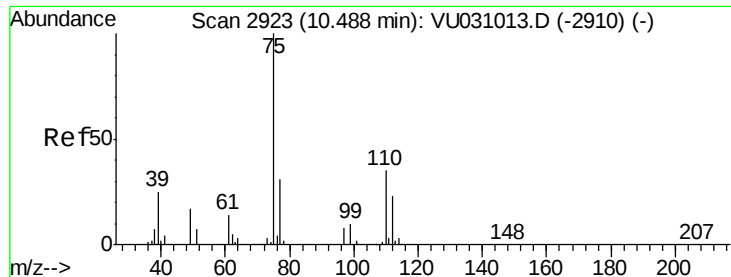
Tot Ion: 83 Resp: 16217
Ion Ratio Lower Upper
83 100
85 62.3 45.8 85.0



#44
trans-1,3-Dichloropropene
Concen: 0.737 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU031023.D
Acq: 10 Apr 2019 19:58

Tgt Ion: 75 Resp: 3852
Ion Ratio Lower Upper
75 100
77 35.5 21.6 40.0





#59

1,2,3-Trichloropropane

Concen: 4.410 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU031023.D

Acq: 10 Apr 2019 19:58

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

Tot Ion: 75 Resp: 22001

Ion Ratio Lower Upper

75 100

77 36.6 26.1 39.1

