

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031075.D
 Acq On : 11 Apr 2019 17:45
 Operator : JC/SP
 Sample : K2339-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFC67

Quant Time: Apr 12 04:49:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 04:43:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	455871	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	450779	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	196331	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	152847	37.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.12%
7) Chloroethane-d5	1.68	69	139620	45.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.40%
11) 1,1-Dichloroethene-d2	2.27	63	221621	30.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.22%
21) 2-Butanone-d5	4.17	46	336313	104.27	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.27%
24) Chloroform-d	4.64	84	310899	50.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.02%
26) 1,2-Dichloroethane-d4	5.31	65	216633	51.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.14%
32) Benzene-d6	5.34	84	606621	46.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.32	67	215312	47.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.48%
41) Toluene-d8	7.56	98	510775	43.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.58%
43) trans-1,3-Dichloropropene-	7.85	79	91164	44.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.66%
47) 2-Hexanone-d5	8.31	63	188253	91.33	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.33%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	312846	51.43	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.86%
64) 1,2-Dichlorobenzene-d4	11.86	152	199970	51.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.58%

Target Compounds

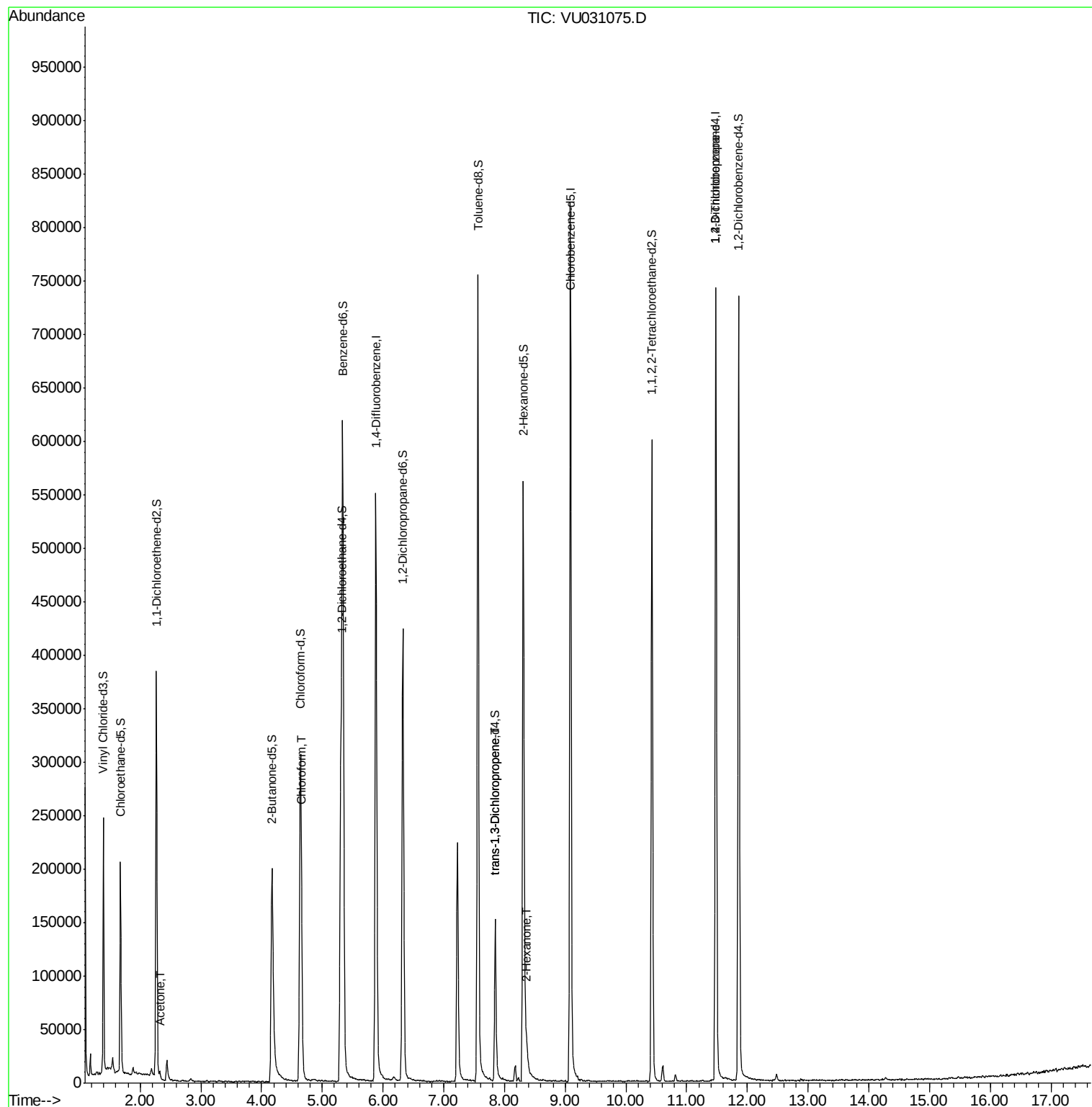
					Ovalue
13) Acetone	2.32	43	5524	1.674 ug/L	96
25) Chloroform	4.67	83	11205	1.615 ug/L	91
44) trans-1,3-Dichloropropene	7.85	75	4119	0.786 ug/L	87
48) 2-Hexanone	8.36	43	12766	2.436 ug/L #	84
59) 1,2,3-Trichloropropane	11.48	75	23676	4.733 ug/L	91

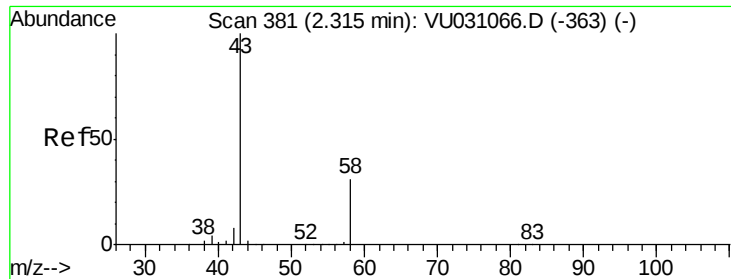
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.674 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU031075.D

Acq: 11 Apr 2019 17:45

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MSVOA_U

ClientSampleId :

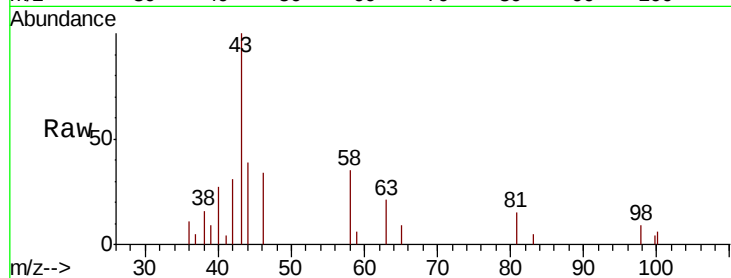
BFC67

Tot Ion: 43 Resp: 5524

Ion Ratio Lower Upper

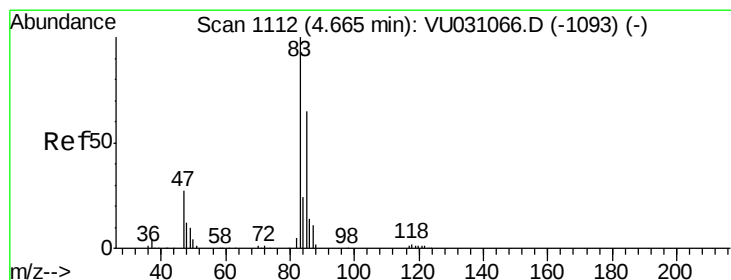
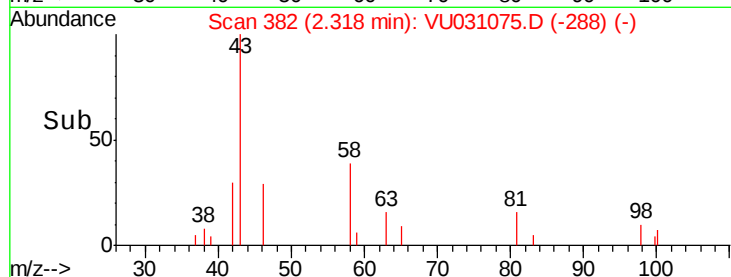
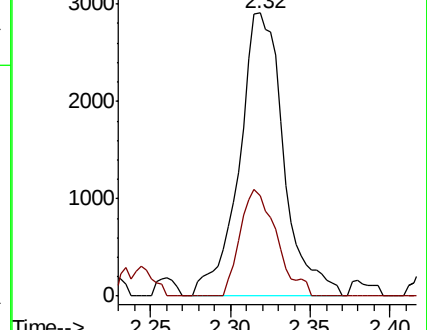
43 100

58 29.6 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU031066.D (-363) (-)

Ion 58.00 (57.70 to 58.70): VU031066.D (-363) (-)



#25

Chloroform

Concen: 1.615 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. 0.00 min

Lab File: VU031075.D

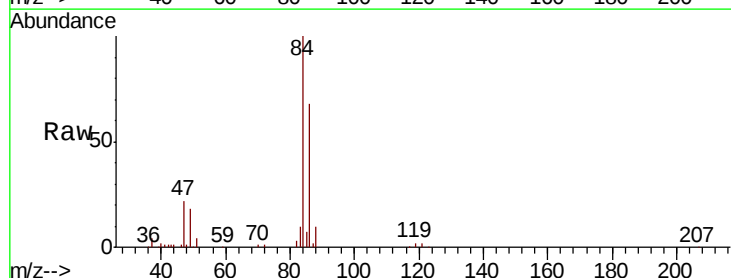
Acq: 11 Apr 2019 17:45

Tgt Ion: 83 Resp: 11205

Ion Ratio Lower Upper

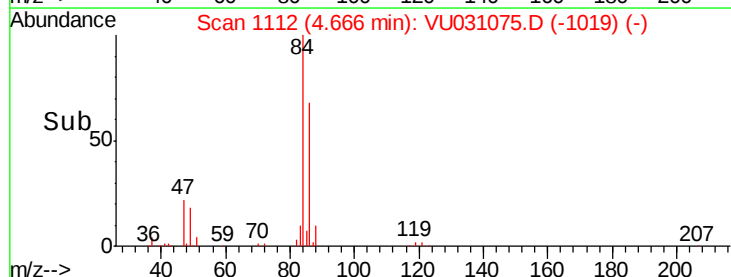
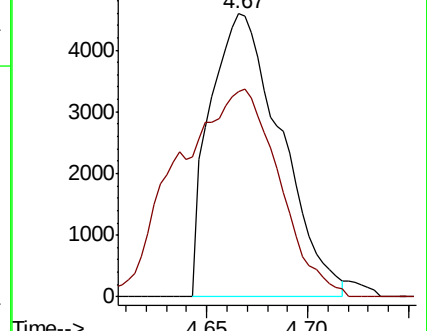
83 100

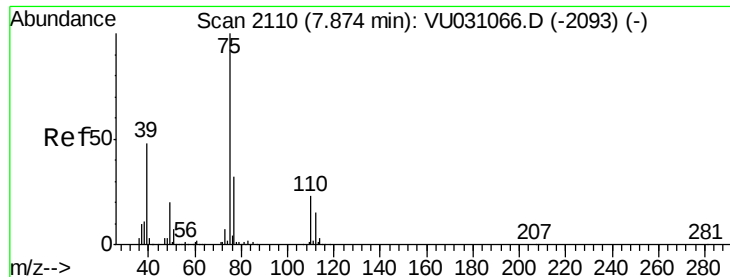
85 72.5 45.8 85.0



Abundance Ion 83.00 (82.70 to 83.70): VU031066.D (-1093) (-)

Ion 85.00 (84.70 to 85.70): VU031066.D (-1093) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.786 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU031075.D

Acq: 11 Apr 2019 17:45

Instrument :

MSVOA_U

ClientSampled :

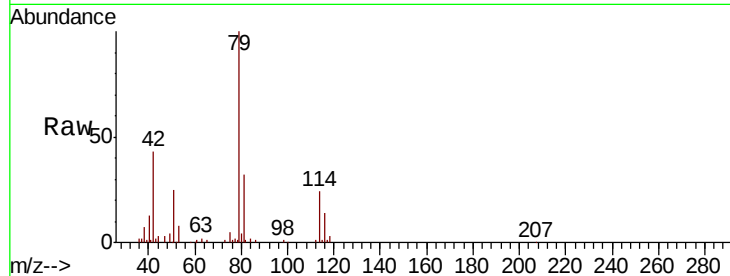
BFC67

Tot Ion: 75 Resp: 4119

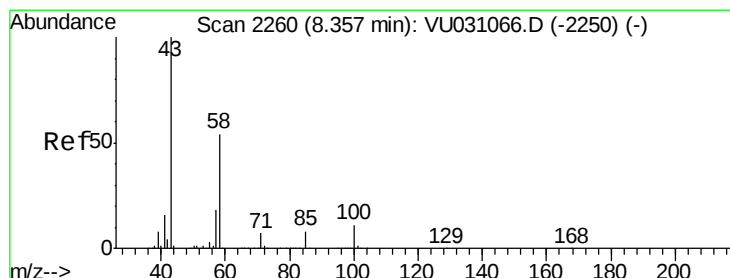
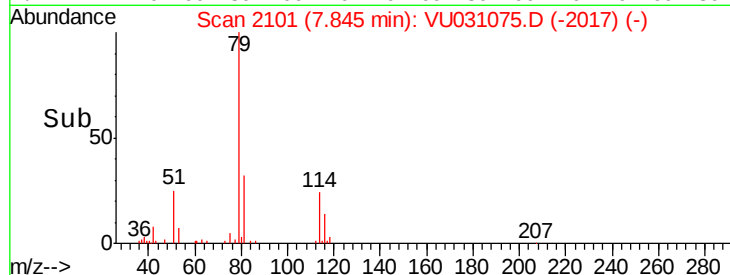
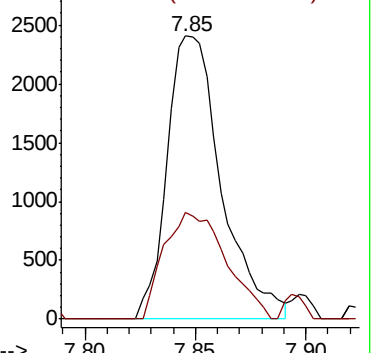
Ion Ratio Lower Upper

75 100

77 37.9 21.6 40.0



Abundance Ion 75.00 (74.70 to 75.70): VU031066.D (-2093) (-)



#48

2-Hexanone

Concen: 2.436 ug/L

RT: 8.36 min Scan# 2262

Delta R.T. 0.01 min

Lab File: VU031075.D

Acq: 11 Apr 2019 17:45

Tgt Ion: 43 Resp: 12766

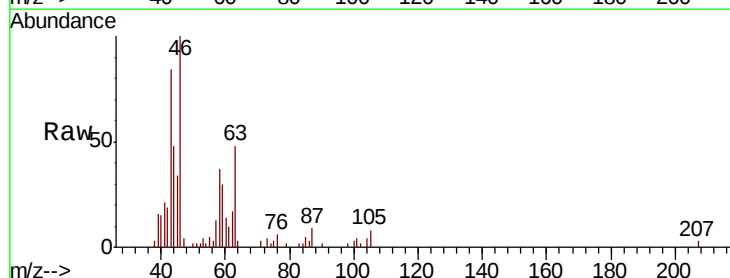
Ion Ratio Lower Upper

43 100

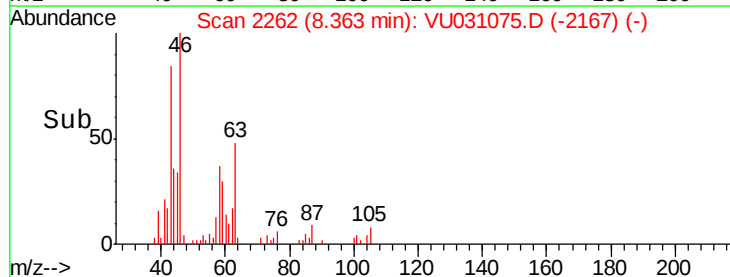
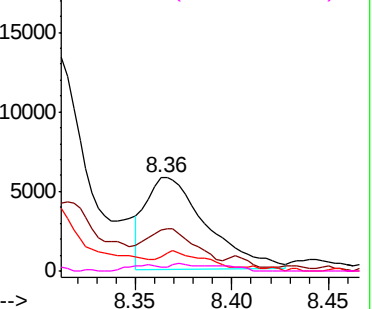
58 38.6 41.9 62.9#

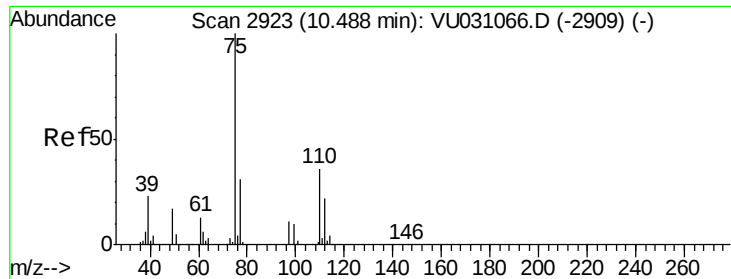
57 14.4 14.3 21.5

100 4.2 7.1 10.7#



Abundance Ion 43.00 (42.70 to 43.70): VU031066.D (-2250) (-)





#59

1,2,3-Trichloropropane

Concen: 4.733 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031075.D

Acq: 11 Apr 2019 17:45

Instrument :

MSVOA_U

ClientSampleId :

BFC67

Tot Ion: 75 Resp: 23676

Ion Ratio Lower Upper

75 100

77 37.5 26.1 39.1

