

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031106.D
 Acq On : 12 Apr 2019 05:58
 Operator : JC/SP
 Sample : K2353-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 98 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETJ61

Quant Time: Apr 12 07:31:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 07:24:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	508524	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	514539	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	213996	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	163285	35.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.94%
7) Chloroethane-d5	1.68	69	142414	41.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.68%
11) 1,1-Dichloroethene-d2	2.27	63	232967	28.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.74%#
21) 2-Butanone-d5	4.17	46	335335	93.21	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.21%
24) Chloroform-d	4.64	84	313261	45.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.36%
26) 1,2-Dichloroethane-d4	5.31	65	215219	45.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.98%
32) Benzene-d6	5.33	84	621331	41.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.72%
36) 1,2-Dichloropropane-d6	6.32	67	215578	41.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.76%
41) Toluene-d8	7.56	98	513235	38.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.10%#
43) trans-1,3-Dichloropropene-	7.85	79	89786	38.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.50%
47) 2-Hexanone-d5	8.31	63	189133	80.39	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.39%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	311490	44.86	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.72%
64) 1,2-Dichlorobenzene-d4	11.86	152	201591	47.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.80%

Target Compounds

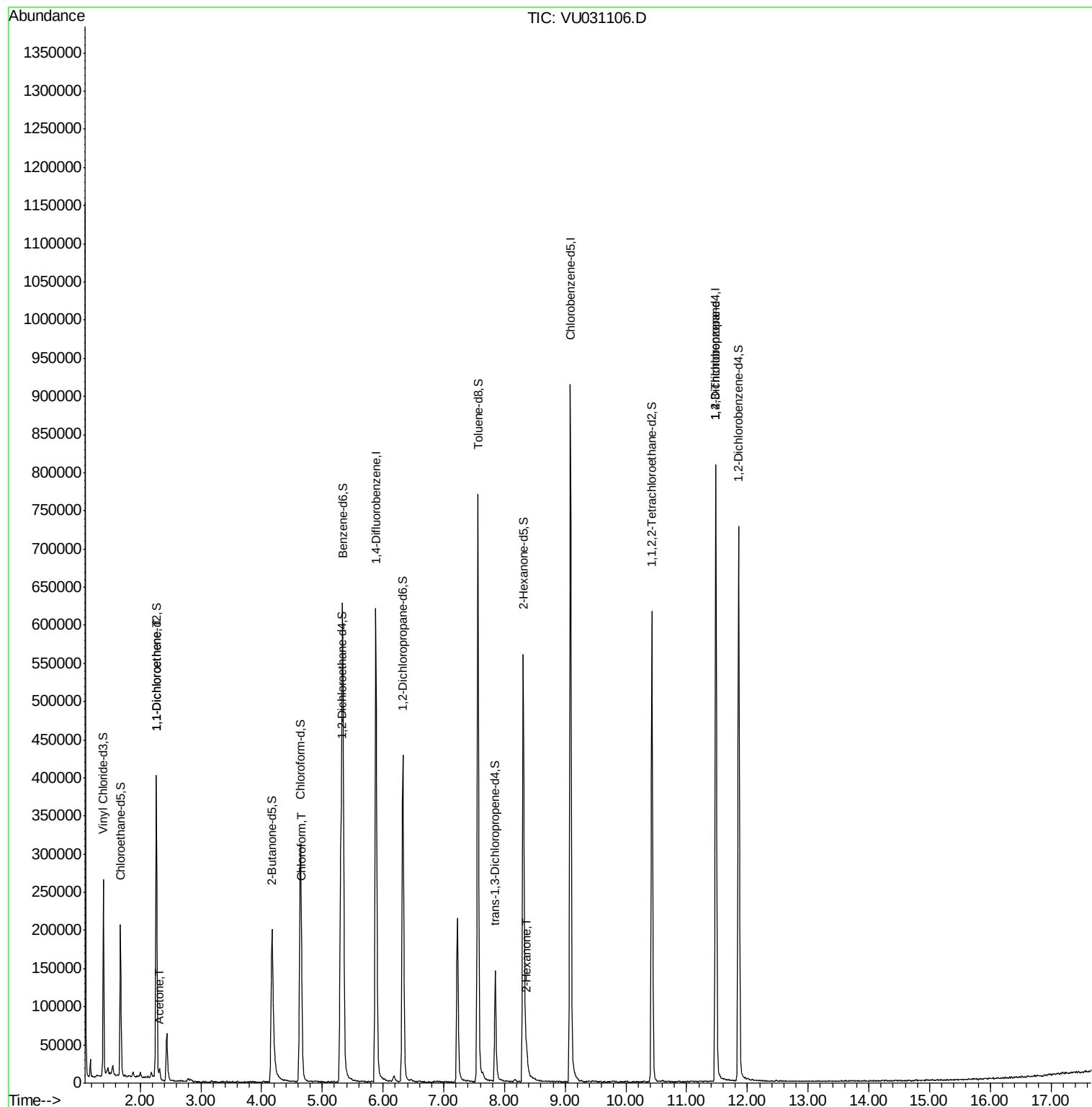
					Ovalue
12) 1,1-Dichloroethene	2.27	96	2436	0.693 ug/L #	1
13) Acetone	2.32	43	13737	3.731 ug/L	96
25) Chloroform	4.67	83	8640	1.116 ug/L	87
48) 2-Hexanone	8.36	43	14743	2.465 ug/L #	81
59) 1,2,3-Trichloropropane	11.48	75	26722	4.680 ug/L	96

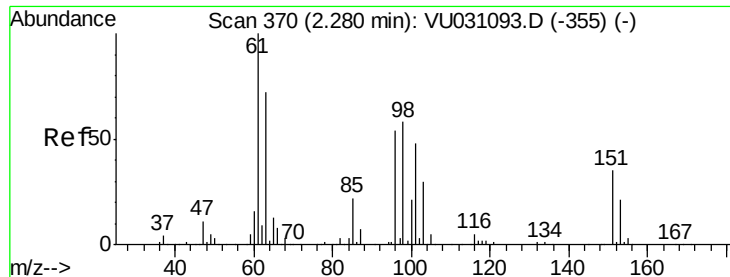
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.693 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU031106.D

Acq: 12 Apr 2019 05:58

Instrument :

MSVOA_U

ClientSampleId :

ETJ61

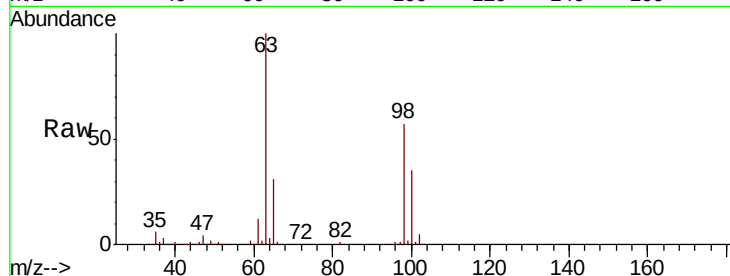
Tot Ion: 96 Resp: 2436

Ion Ratio Lower Upper

96 100

61 903.6 132.0 245.2#

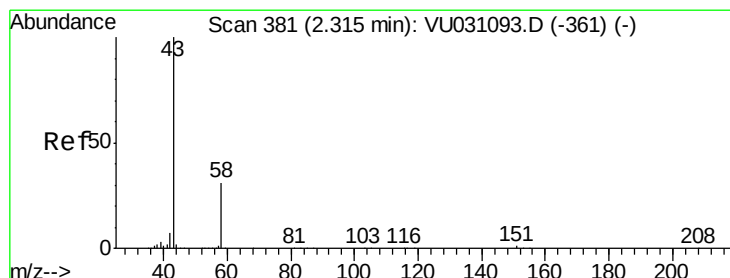
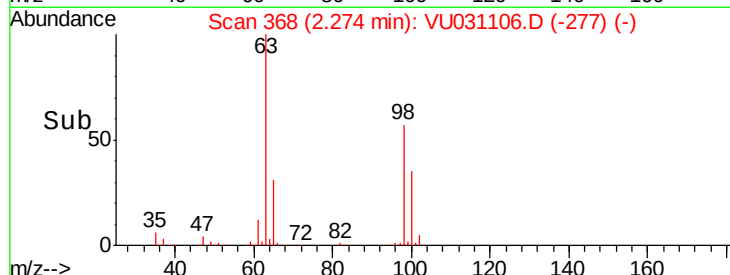
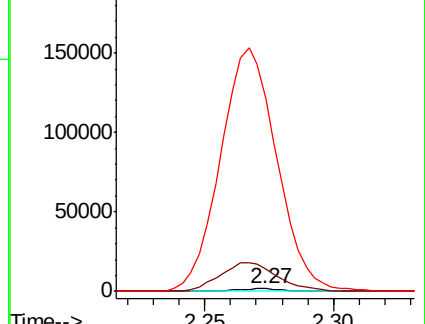
63 7761.0 90.9 168.9#



Abundance Ion 96.00 (95.70 to 96.70): VU031106.D (-277) (-)

Ion 61.00 (60.70 to 61.70): VU031106.D (-277) (-)

Ion 63.00 (62.70 to 63.70): VU031106.D (-277) (-)



#13

Acetone

Concen: 3.731 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU031106.D

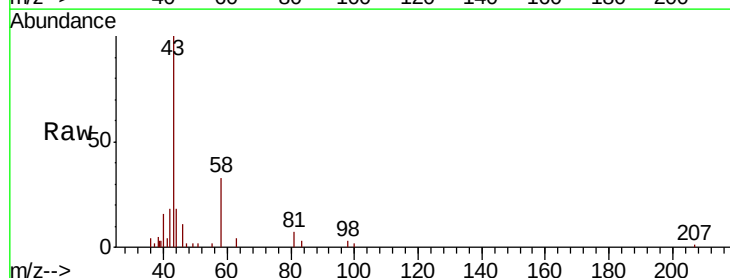
Acq: 12 Apr 2019 05:58

Tgt Ion: 43 Resp: 13737

Ion Ratio Lower Upper

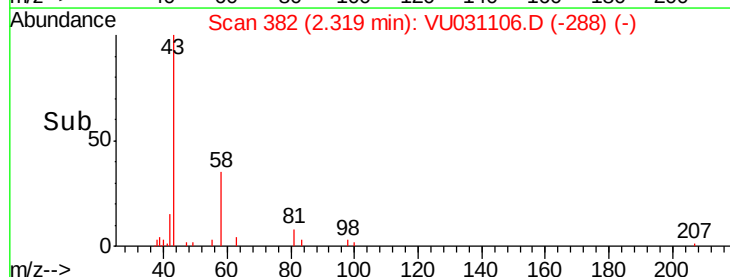
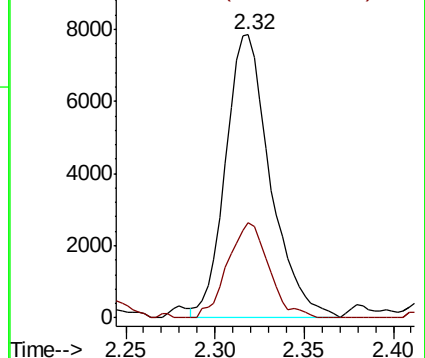
43 100

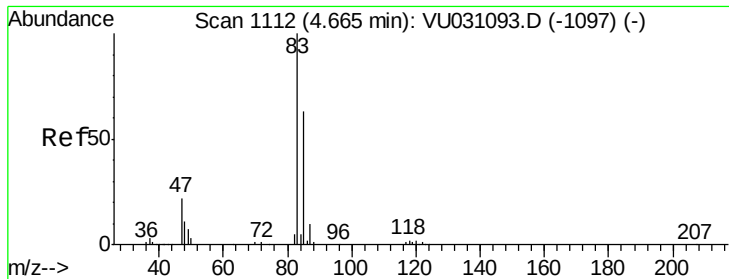
58 30.0 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU031106.D (-288) (-)

Ion 58.00 (57.70 to 58.70): VU031106.D (-288) (-)

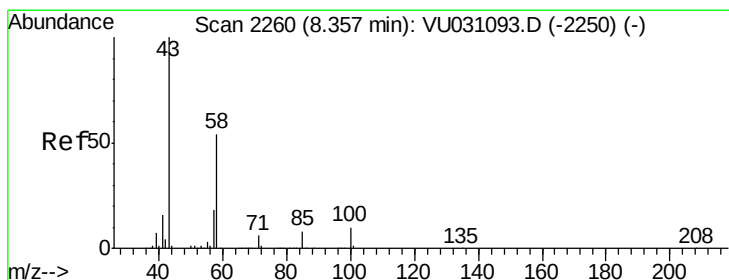
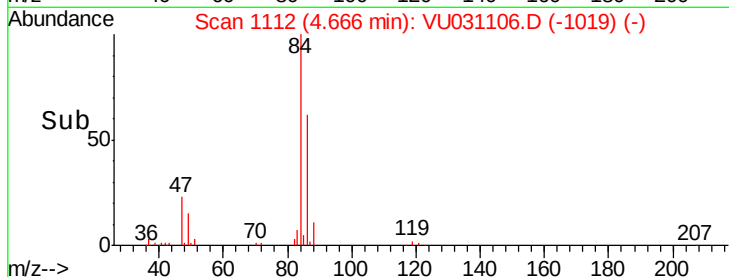
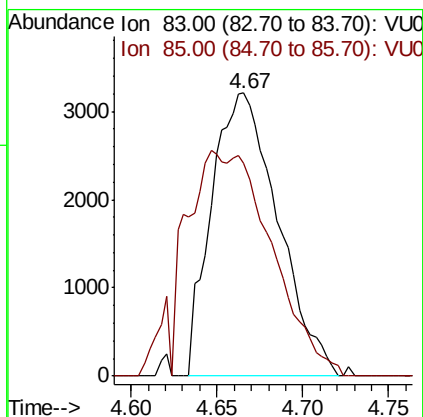
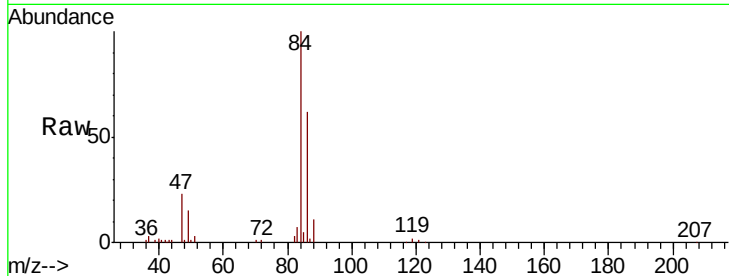




#25
Chloroform
Concen: 1.116 ug/L
RT: 4.67 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VU031106.D
Acq: 12 Apr 2019 05:58

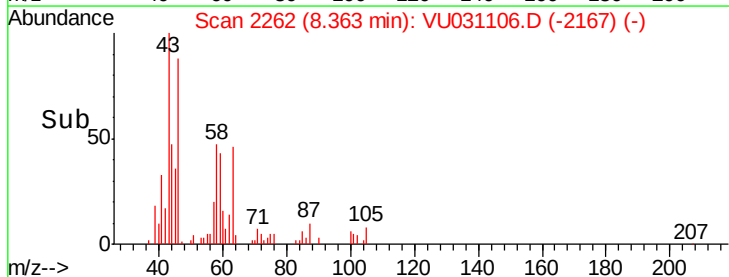
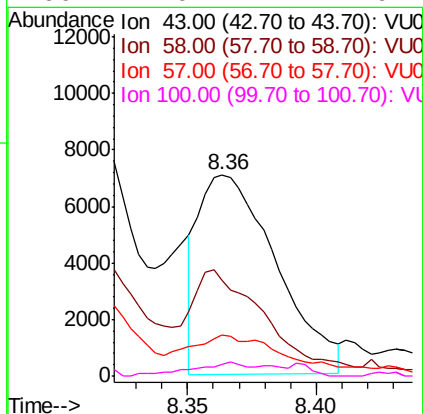
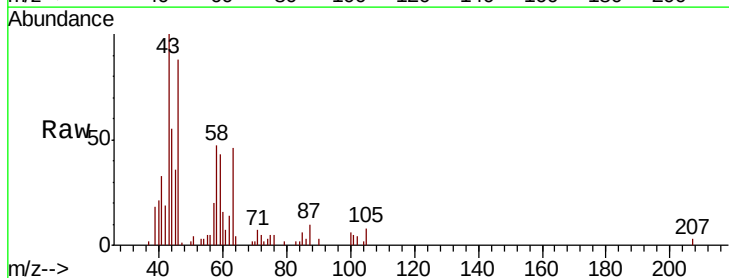
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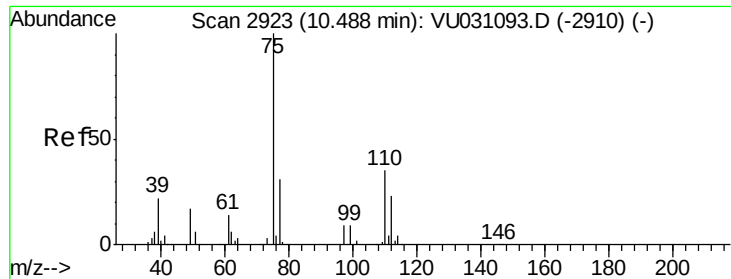
Tot Ion: 83 Resp: 8640
Ion Ratio Lower Upper
83 100
85 75.3 45.8 85.0



#48
2-Hexanone
Concen: 2.465 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.01 min
Lab File: VU031106.D
Acq: 12 Apr 2019 05:58

Tgt Ion: 43 Resp: 14743
Ion Ratio Lower Upper
43 100
58 40.5 41.9 62.9#
57 5.7 14.3 21.5#
100 4.0 7.1 10.7#





#59

1,2,3-Trichloropropane

Concen: 4.680 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031106.D

Acq: 12 Apr 2019 05:58

Instrument :

MSVOA_U

ClientSampleId :

ETJ61

Tot Ion: 75 Resp: 26722

Ion Ratio Lower Upper

75 100

77 35.0 26.1 39.1

