

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031103.D
 Acq On : 12 Apr 2019 04:49
 Operator : JC/SP
 Sample : K2353-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 95 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETJ60

Quant Time: Apr 12 07:30:58 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	497424	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	507041	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	212318	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	163790	36.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.78%
7) Chloroethane-d5	1.68	69	137213	40.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.42%
11) 1,1-Dichloroethene-d2	2.27	63	232862	28.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.98%#
21) 2-Butanone-d5	4.17	46	339496	96.47	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.47%
24) Chloroform-d	4.64	84	306779	45.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.46%
26) 1,2-Dichloroethane-d4	5.30	65	217494	46.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.98%
32) Benzene-d6	5.33	84	605190	40.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.78%
36) 1,2-Dichloropropane-d6	6.32	67	215660	42.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.02%
41) Toluene-d8	7.56	98	522308	39.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.62%#
43) trans-1,3-Dichloropropene-	7.85	79	90761	39.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.48%
47) 2-Hexanone-d5	8.31	63	192384	82.98	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.98%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	315328	46.08	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.16%
64) 1,2-Dichlorobenzene-d4	11.86	152	199237	47.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.42%

Target Compounds

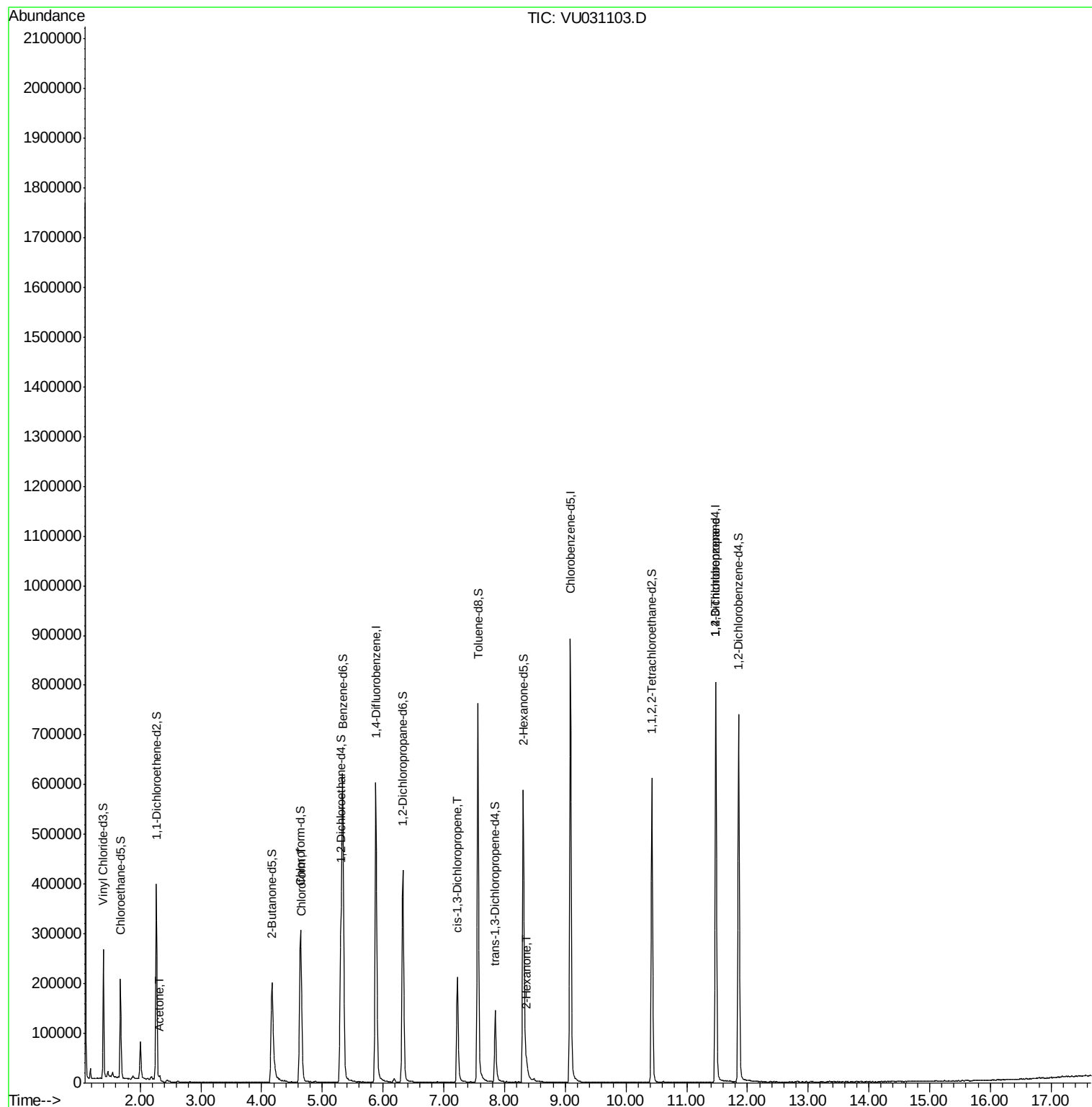
					Ovalue
13) Acetone	2.32	43	9909	2.752 ug/L	94
25) Chloroform	4.66	83	14950	1.974 ug/L	95
39) cis-1,3-Dichloropropene	7.23	75	5123	0.766 ug/L	85
48) 2-Hexanone	8.36	43	15430	2.618 ug/L #	48
59) 1,2,3-Trichloropropane	11.48	75	25027	4.448 ug/L	92

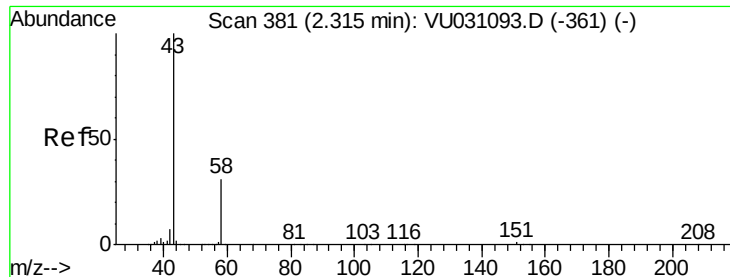
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.752 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VU031103.D

Acq: 12 Apr 2019 04:49

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MSVOA_U

ClientSampleId :

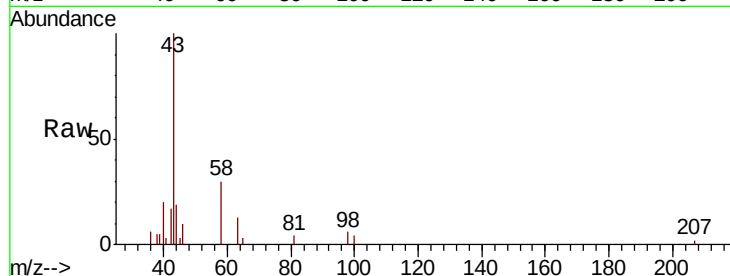
ETJ60

Tot Ion: 43 Resp: 9909

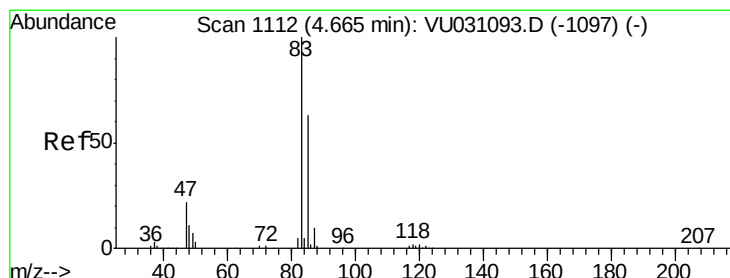
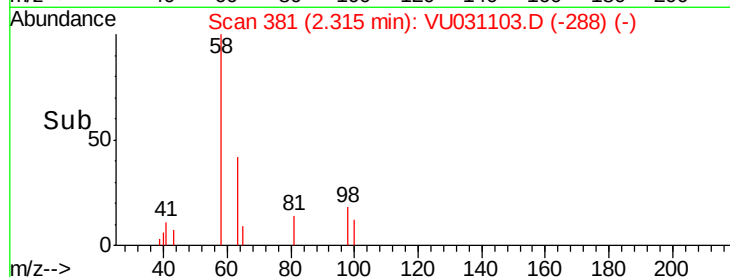
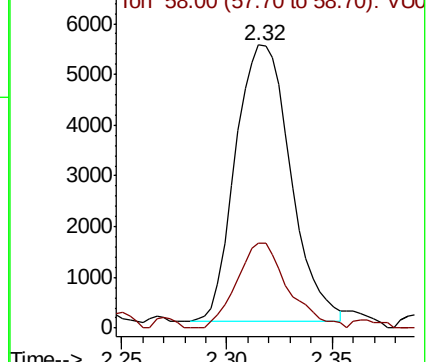
Ion Ratio Lower Upper

43 100

58 28.7 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU031103.D (-361) (-)



#25

Chloroform

Concen: 1.974 ug/L

RT: 4.66 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VU031103.D

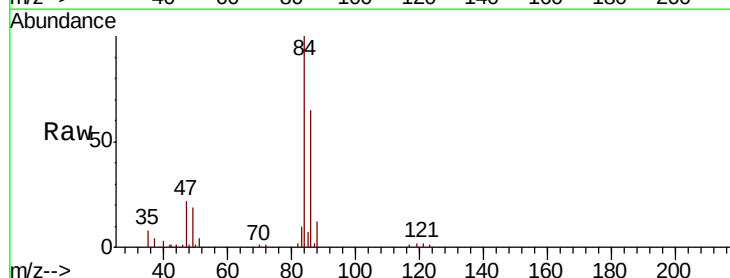
Acq: 12 Apr 2019 04:49

Tgt Ion: 83 Resp: 14950

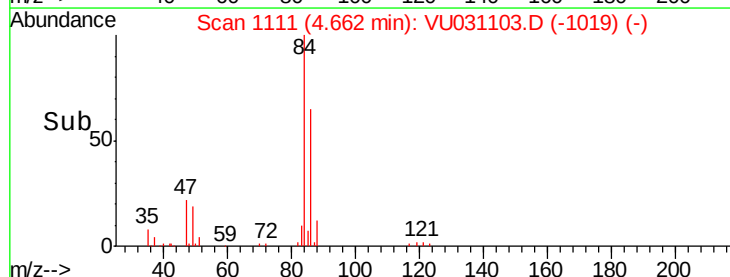
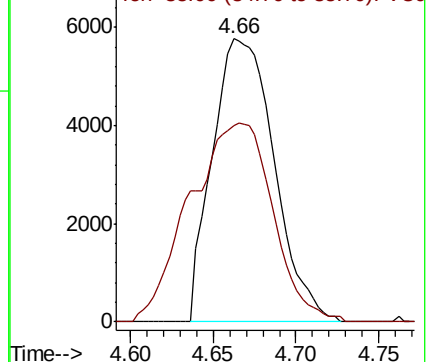
Ion Ratio Lower Upper

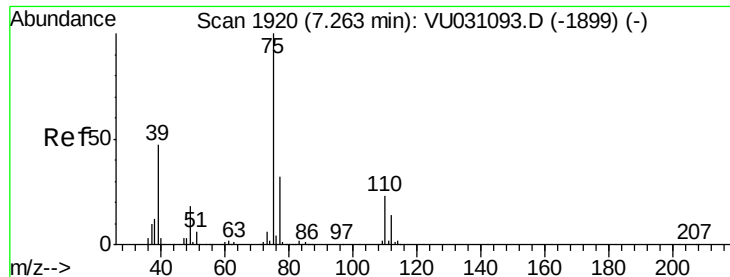
83 100

85 69.4 45.8 85.0



Abundance Ion 83.00 (82.70 to 83.70): VU031103.D (-1097) (-)





#39

cis-1,3-Dichloropropene

Concen: 0.766 ug/L

RT: 7.23 min Scan# 1909

Delta R.T. -0.04 min

Lab File: VU031103.D

Acq: 12 Apr 2019 04:49

Instrument :

MSVOA_U

ClientSampleId :

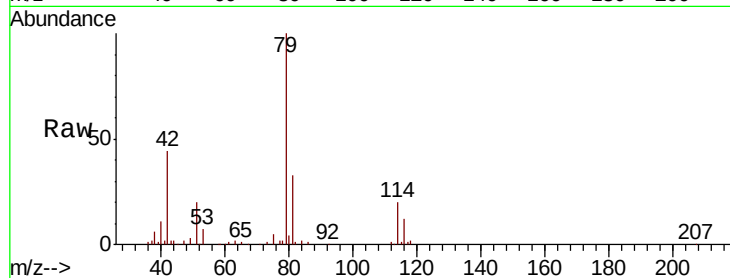
ETJ60

Tot Ion: 75 Resp: 5123

Ion Ratio Lower Upper

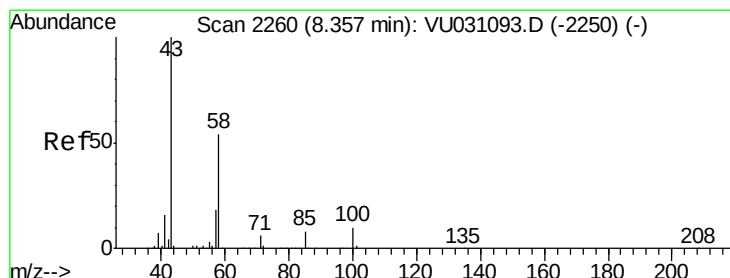
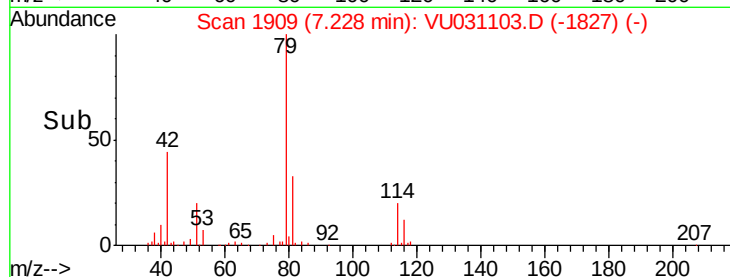
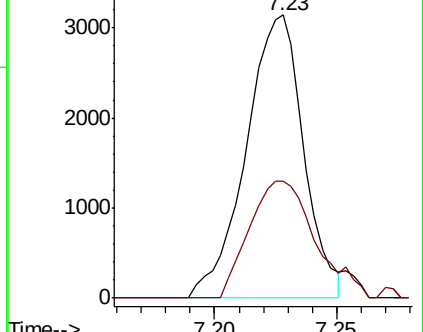
75 100

77 41.3 23.1 42.9



Abundance Ion 75.00 (74.70 to 75.70): VU031103.D (-1899) (-)

Ion 77.00 (76.70 to 77.70): VU031103.D (-1899) (-)



#48

2-Hexanone

Concen: 2.618 ug/L

RT: 8.36 min Scan# 2262

Delta R.T. 0.01 min

Lab File: VU031103.D

Acq: 12 Apr 2019 04:49

Tgt Ion: 43 Resp: 15430

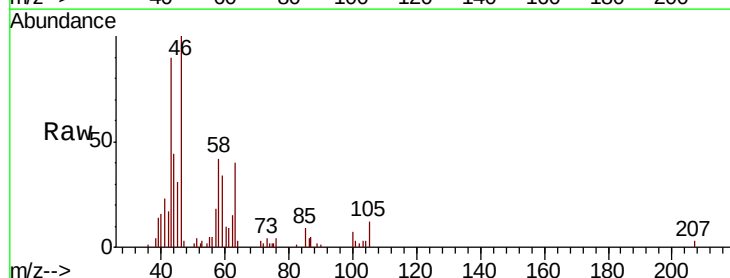
Ion Ratio Lower Upper

43 100

58 7.4 41.9 62.9#

57 0.8 14.3 21.5#

100 5.1 7.1 10.7#

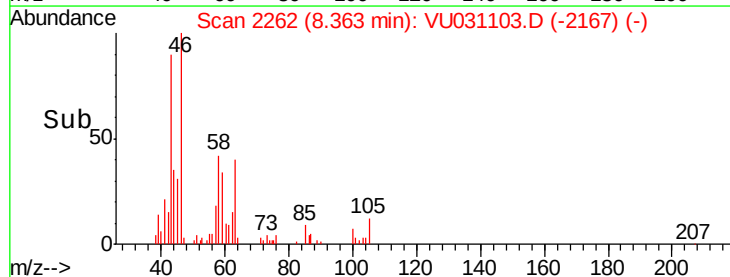
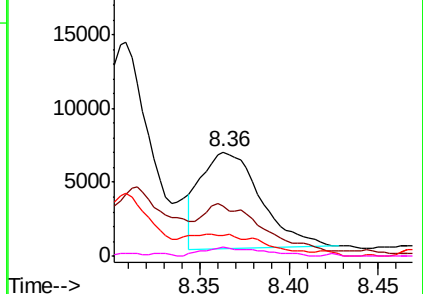


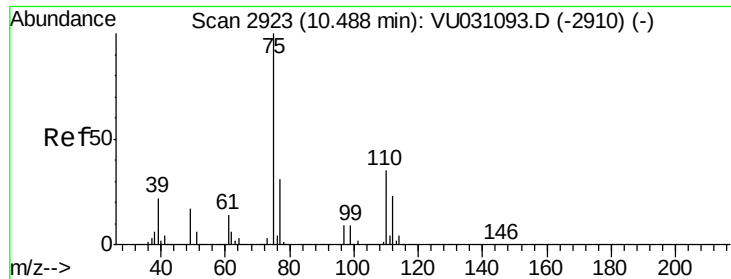
Abundance Ion 43.00 (42.70 to 43.70): VU031103.D (-2250) (-)

Ion 58.00 (57.70 to 58.70): VU031103.D (-2250) (-)

Ion 57.00 (56.70 to 57.70): VU031103.D (-2250) (-)

Ion 100.00 (99.70 to 100.70): VU031103.D (-2250) (-)





#59

1,2,3-Trichloropropane

Concen: 4.448 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031103.D

Acq: 12 Apr 2019 04:49

Instrument :

MSVOA_U

ClientSampleId :

ETJ60

Tot Ion: 75 Resp: 25027

Ion Ratio Lower Upper

75 100

77 37.1 26.1 39.1

