

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031040.D
 Acq On : 11 Apr 2019 03:52
 Operator : JC/SP
 Sample : VU0411WBL02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK54

Quant Time: Apr 11 08:14:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 11 08:09:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	517546	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	501575	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	222115	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	204511	44.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.54%
7) Chloroethane-d5	1.68	69	166604	47.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.02%
11) 1,1-Dichloroethene-d2	2.27	63	288566	34.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.06%
21) 2-Butanone-d5	4.17	46	377636	103.13	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.13%
24) Chloroform-d	4.64	84	351750	49.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.68%
26) 1,2-Dichloroethane-d4	5.31	65	246493	51.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.38%
32) Benzene-d6	5.33	84	723241	49.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.78%
36) 1,2-Dichloropropane-d6	6.32	67	244343	48.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.38%
41) Toluene-d8	7.56	98	614124	47.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.64%
43) trans-1,3-Dichloropropene-	7.85	79	100198	43.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.58%
47) 2-Hexanone-d5	8.31	63	229548	100.09	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.09%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	342641	50.62	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.24%
64) 1,2-Dichlorobenzene-d4	11.86	152	229916	52.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.26%

Target Compounds

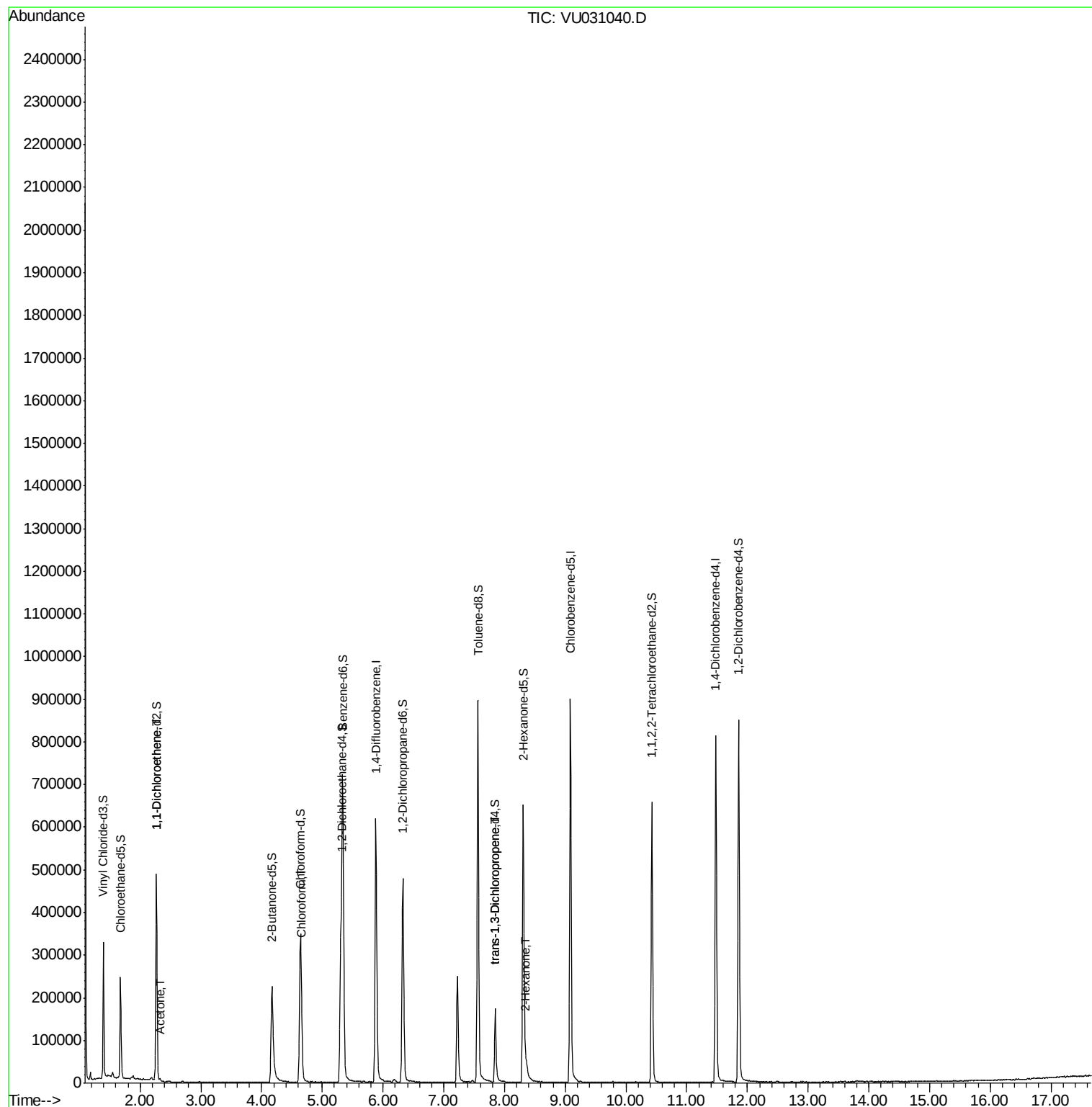
				Ovalue	
12) 1,1-Dichloroethene	2.27	96	2322	0.649 ug/L #	1
13) Acetone	2.32	43	2424	0.647 ug/L	87
25) Chloroform	4.67	83	13055	1.657 ug/L	98
44) trans-1,3-Dichloropropene	7.84	75	4614	0.791 ug/L	98
48) 2-Hexanone	8.36	43	16566	2.841 ug/L #	78

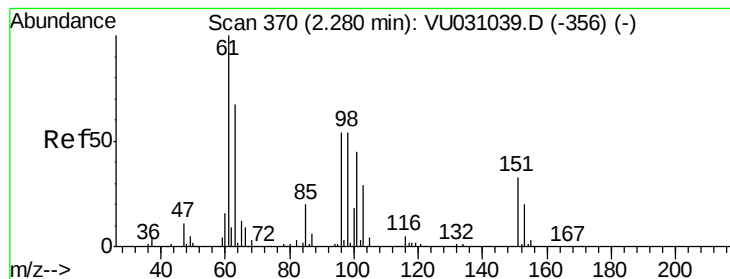
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.649 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU031040.D

Acq: 11 Apr 2019 03:52

Instrument :

MSVOA_U

ClientSampleId :

VBLK54

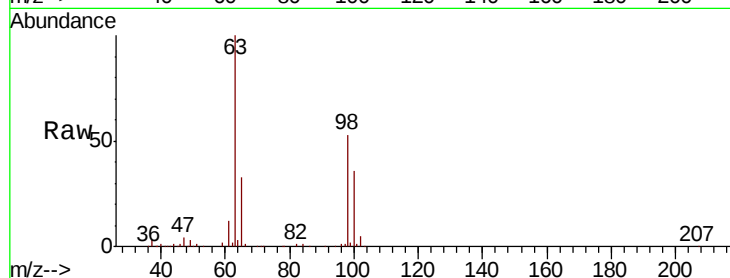
Tot Ion: 96 Resp: 2322

Ion Ratio Lower Upper

96 100

61 1238.0 132.0 245.2#

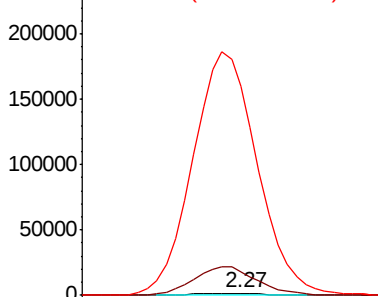
63 10754.4 90.9 168.9#



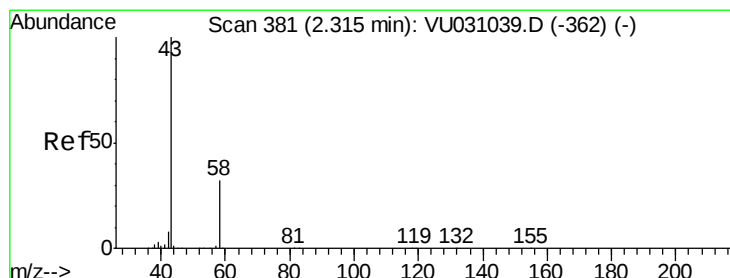
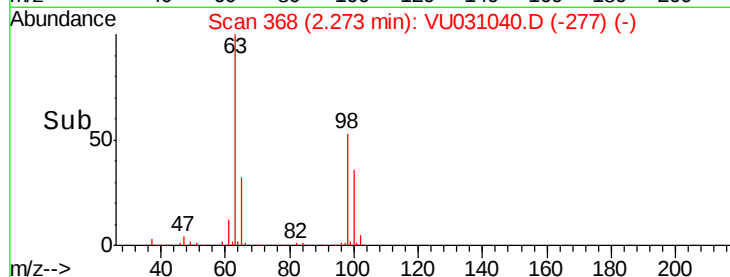
Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0



Time--> 2.22 2.24 2.26 2.28 2.30



#13

Acetone

Concen: 0.647 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU031040.D

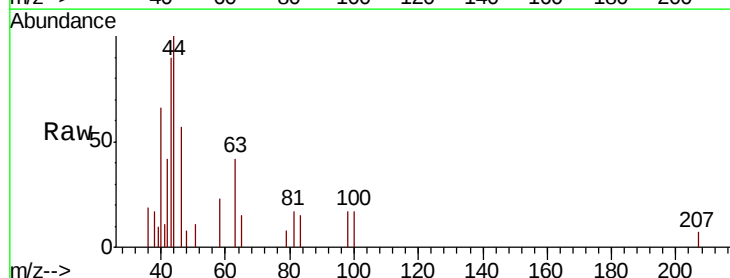
Acq: 11 Apr 2019 03:52

Tgt Ion: 43 Resp: 2424

Ion Ratio Lower Upper

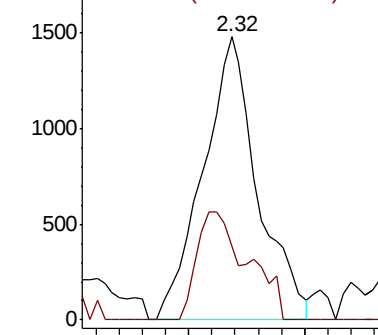
43 100

58 25.0 0.0 64.0

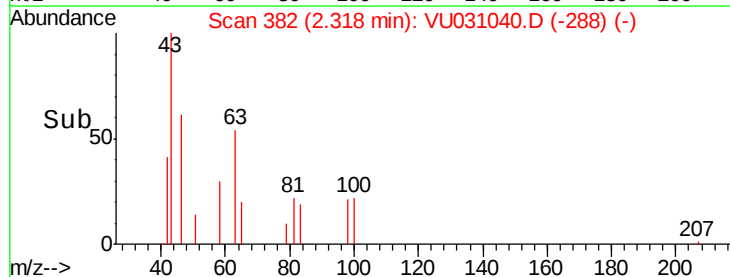


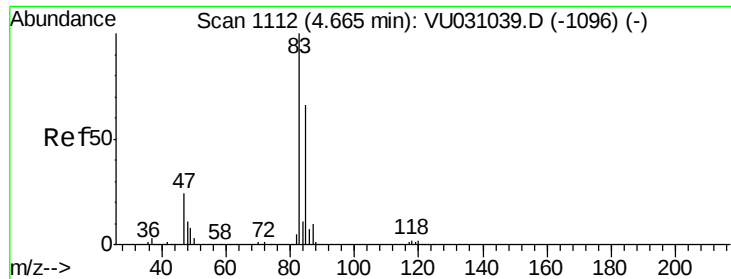
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



Time--> 2.30 2.35

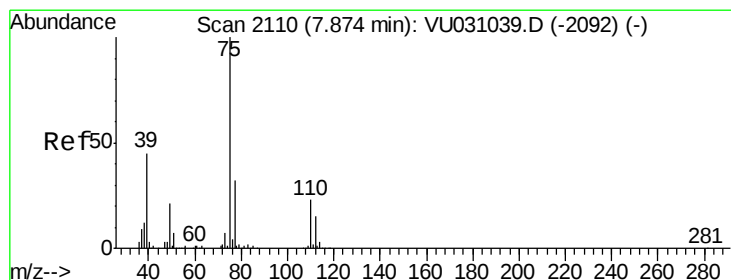
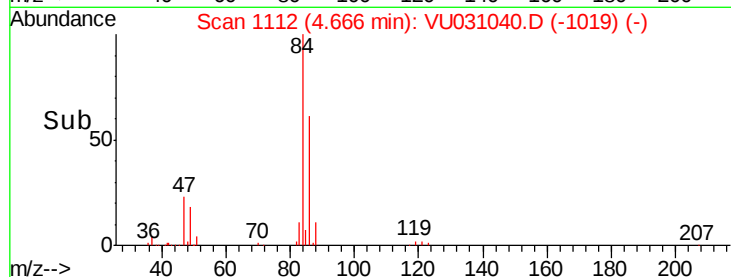
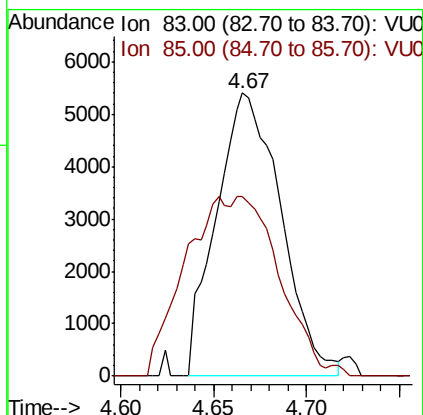
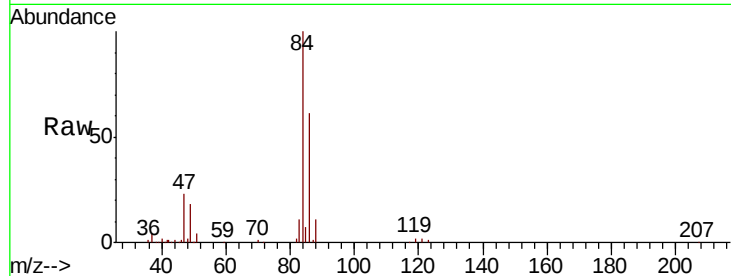




#25
Chloroform
Concen: 1.657 ug/L
RT: 4.67 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VU031040.D
Acq: 11 Apr 2019 03:52

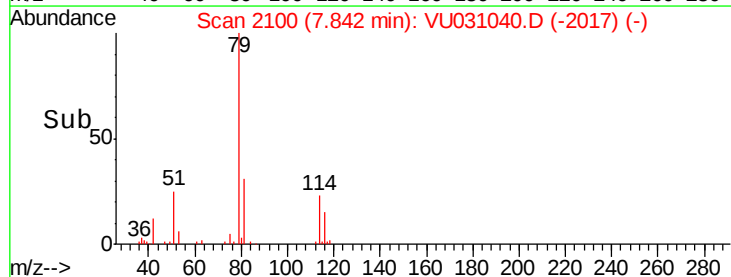
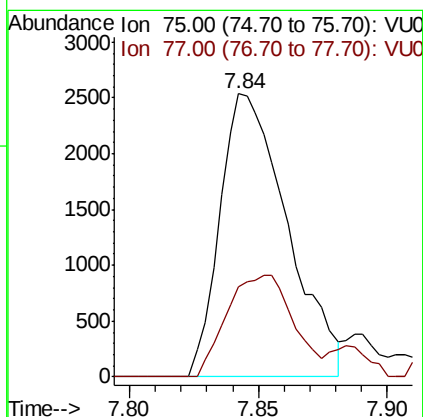
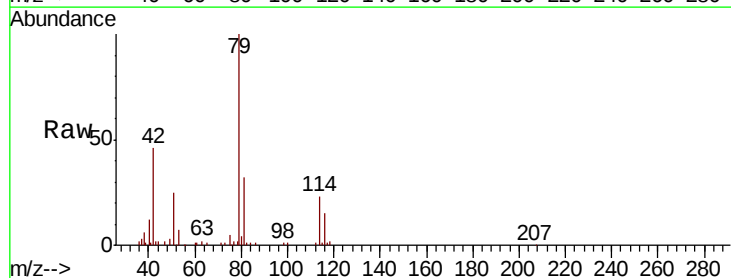
Instrument :
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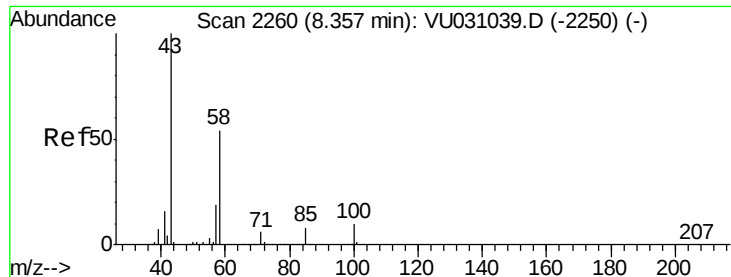
Tot Ion: 83 Resp: 13055
Ion Ratio Lower Upper
83 100
85 63.6 45.8 85.0



#44
trans-1,3-Dichloropropene
Concen: 0.791 ug/L
RT: 7.84 min Scan# 2100
Delta R.T. -0.03 min
Lab File: VU031040.D
Acq: 11 Apr 2019 03:52

Tgt Ion: 75 Resp: 4614
Ion Ratio Lower Upper
75 100
77 31.8 21.6 40.0





#48

2-Hexanone

Concen: 2.841 ug/L

RT: 8.36 min Scan# 2261

Delta R.T. 0.00 min

Lab File: VU031040.D

Acq: 11 Apr 2019 03:52

Instrument :

MSVOA_U

ClientSampleId :

VBLK54

Tot Ion: 43 Resp: 16566

Ion Ratio Lower Upper

43 100

58 34.8 41.9 62.9#

57 10.5 14.3 21.5#

100 3.2 7.1 10.7#

