

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031100.D
 Acq On : 12 Apr 2019 03:40
 Operator : JC/SP
 Sample : K2339-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 92 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFC65

Quant Time: Apr 12 07:30:31 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	508055	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	500702	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	213861	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	159878	35.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.50%
7) Chloroethane-d5	1.68	69	141194	41.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.04%
11) 1,1-Dichloroethene-d2	2.27	63	233577	28.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.94%#
21) 2-Butanone-d5	4.17	46	328517	91.40	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.40%
24) Chloroform-d	4.64	84	306947	44.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.62%
26) 1,2-Dichloroethane-d4	5.30	65	215510	45.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.18%
32) Benzene-d6	5.33	84	605214	41.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.82%
36) 1,2-Dichloropropane-d6	6.32	67	208248	41.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.14%
41) Toluene-d8	7.56	98	514075	39.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.36%#
43) trans-1,3-Dichloropropene-	7.85	79	87302	38.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.44%
47) 2-Hexanone-d5	8.31	63	175077	76.47	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.47%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	304000	44.99	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.98%
64) 1,2-Dichlorobenzene-d4	11.86	152	200112	47.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.16%

Target Compounds

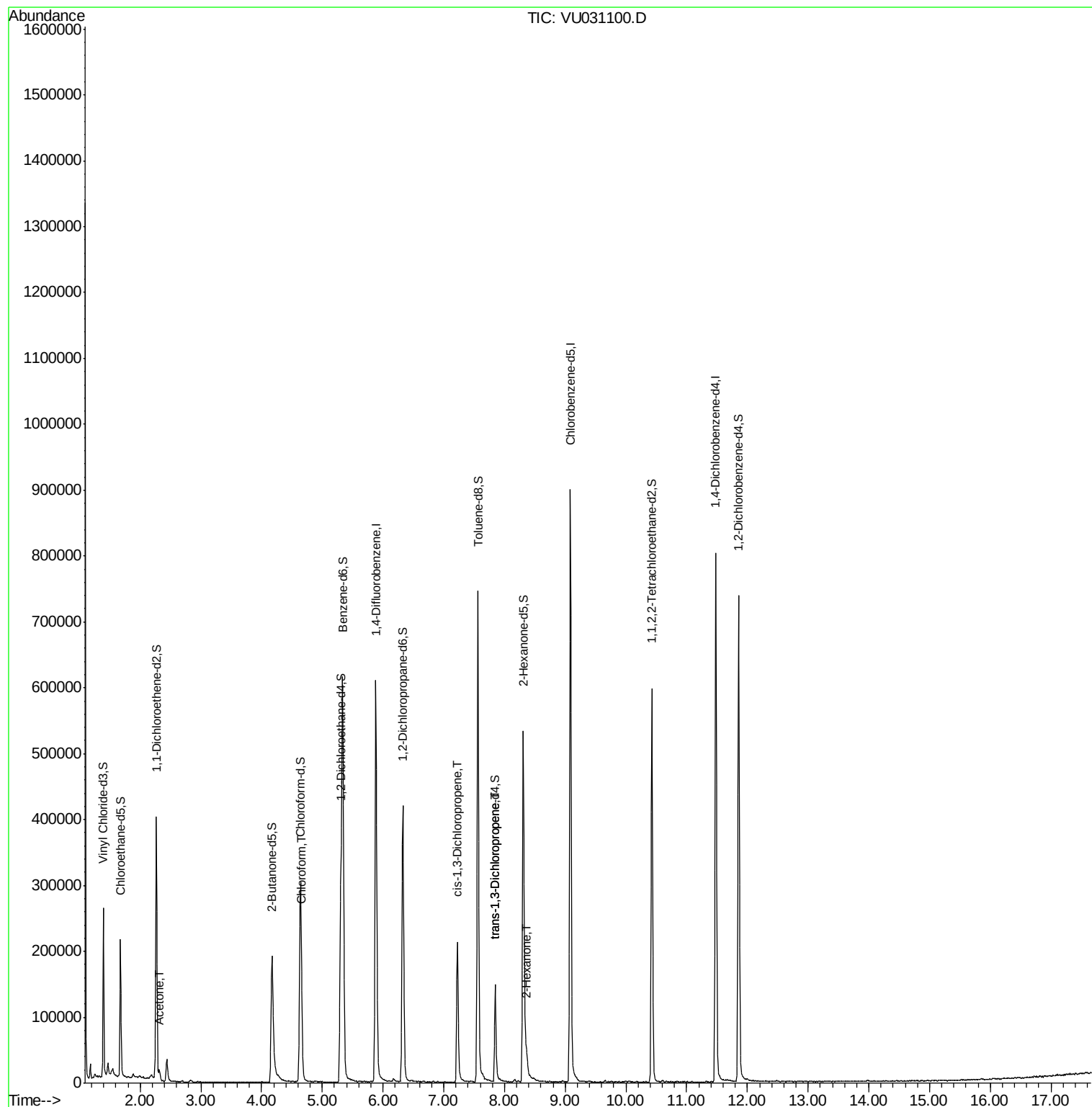
					Ovalue
13) Acetone	2.32	43	16040	4.361 ug/L	92
25) Chloroform	4.67	83	12849	1.661 ug/L	95
39) cis-1,3-Dichloropropene	7.23	75	5282	0.800 ug/L	83
44) trans-1,3-Dichloropropene	7.85	75	3599	0.618 ug/L #	69
48) 2-Hexanone	8.36	43	19313	3.318 ug/L #	44

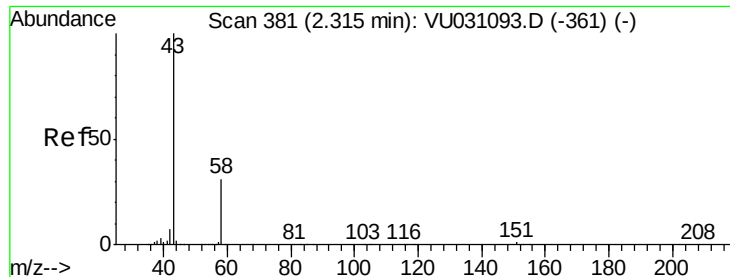
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.361 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VU031100.D

Acq: 12 Apr 2019 03:40

Instrument :

MSVOA_U

ClientSampleId :

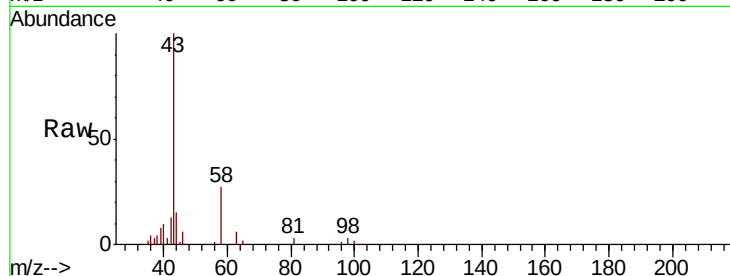
BFC65

Tot Ion: 43 Resp: 16040

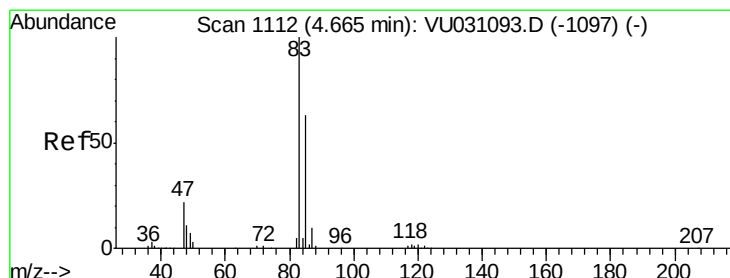
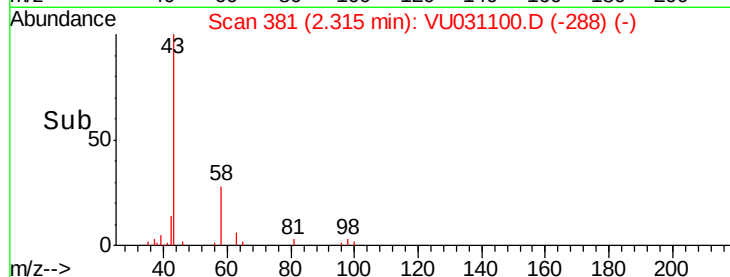
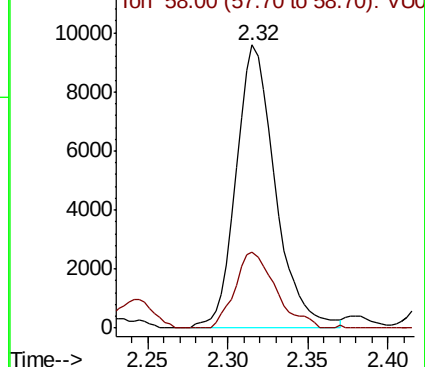
Ion Ratio Lower Upper

43 100

58 27.6 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU031100.D (-1097) (-)



#25

Chloroform

Concen: 1.661 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. 0.00 min

Lab File: VU031100.D

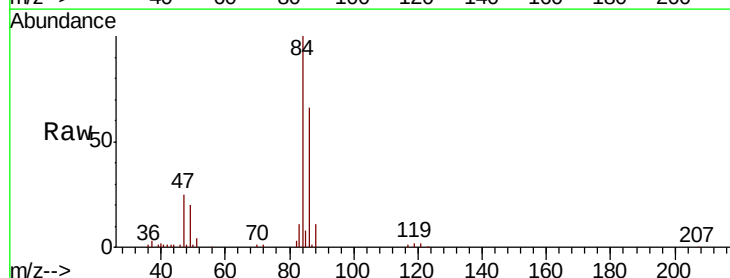
Acq: 12 Apr 2019 03:40

Tgt Ion: 83 Resp: 12849

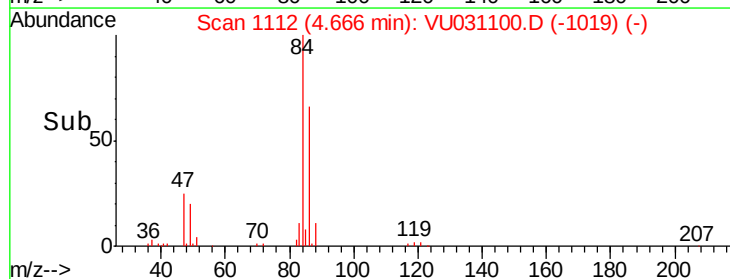
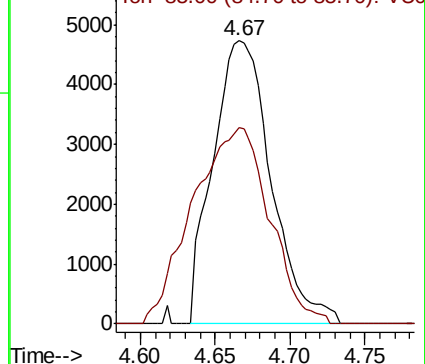
Ion Ratio Lower Upper

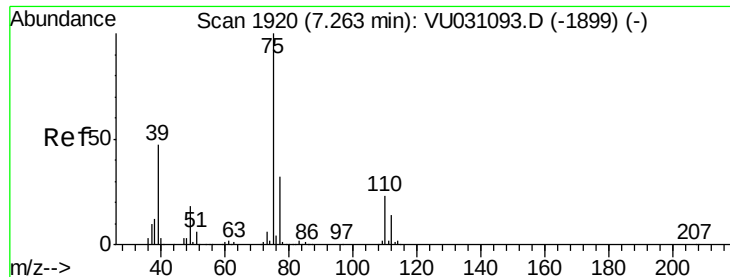
83 100

85 69.5 45.8 85.0



Abundance Ion 83.00 (82.70 to 83.70): VU031100.D (-1019) (-)



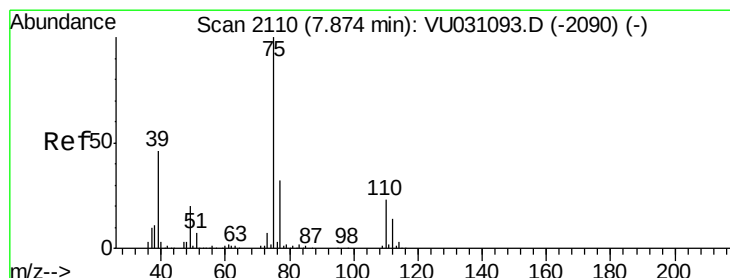
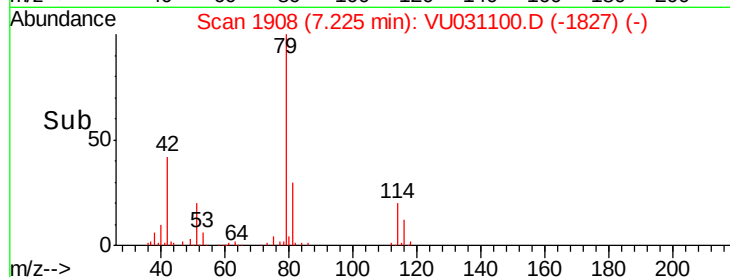
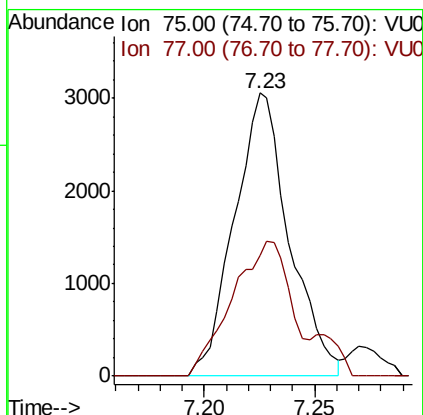
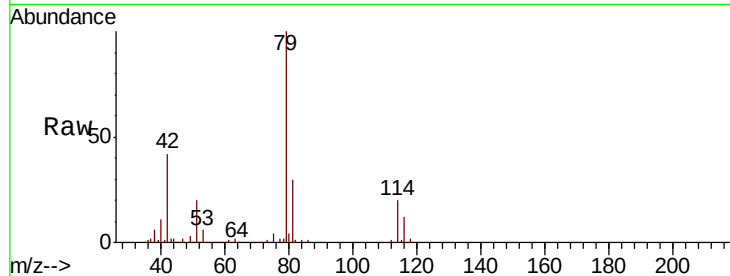


#39

cis-1,3-Dichloropropene
 Concen: 0.800 ug/L
 RT: 7.23 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU031100.D
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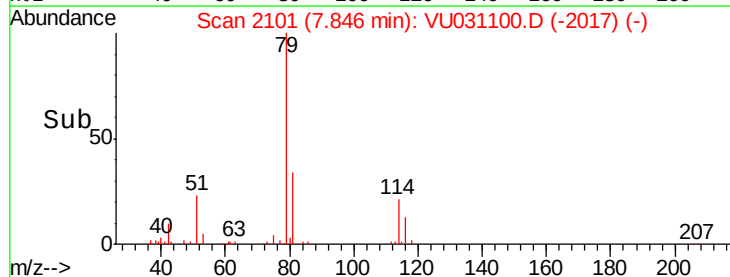
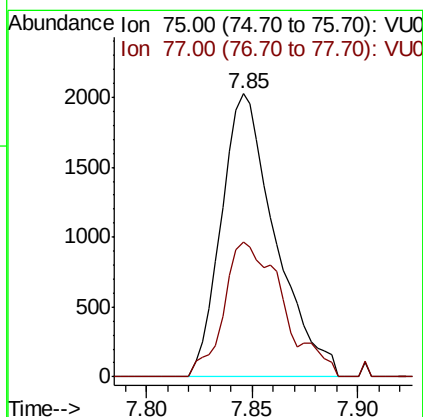
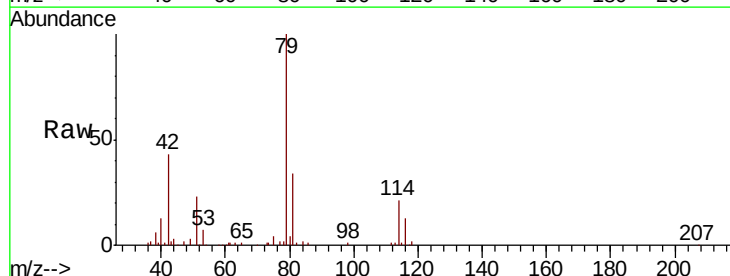
Tot Ion: 75 Resp: 5282
 Ion Ratio Lower Upper
 75 100
 77 42.9 23.1 42.9

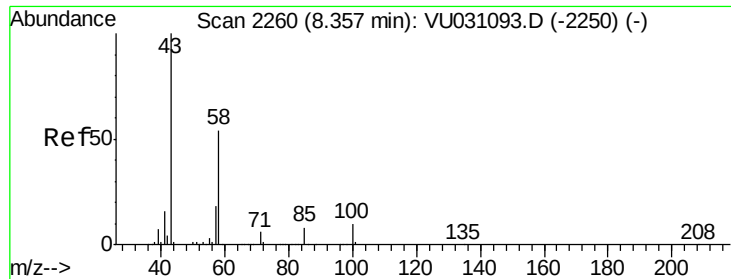


#44

trans-1,3-Dichloropropene
 Concen: 0.618 ug/L
 RT: 7.85 min Scan# 2101
 Delta R.T. -0.03 min
 Lab File: VU031100.D
 Acq: 12 Apr 2019 03:40

Tgt Ion: 75 Resp: 3599
 Ion Ratio Lower Upper
 75 100
 77 47.7 21.6 40.0#





#48
 2-Hexanone
 Concen: 3.318 ug/L
 RT: 8.36 min Scan# 2262
 Delta R.T. 0.01 min
 Lab File: VU031100.D
 Acq: 12 Apr 2019 03:40

Instrument :
 MSVOA_U
 ClientSampleId :
 BFC65

Tot Ion:	43	Resp:	19313
Ion	Ratio	Lower	Upper
43	100		
58	2.8	41.9	62.9#
57	3.3	14.3	21.5#
100	2.7	7.1	10.7#

