

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032219\
 Data File : VU030317.D
 Acq On : 22 Mar 2019 18:43
 Operator : JC/SP
 Sample : K2048-06 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF198

Quant Time: Mar 23 05:14:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 23 04:35:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	519695	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	510381	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	232823	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	139664	39.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.48%
7) Chloroethane-d5	1.68	69	122926	43.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.50%
11) 1,1-Dichloroethene-d2	2.27	63	198307	30.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.86%
21) 2-Butanone-d5	4.17	46	260491	99.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.92%
24) Chloroform-d	4.65	84	284214	44.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.14%
26) 1,2-Dichloroethane-d4	5.31	65	169826	46.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.34%
32) Benzene-d6	5.34	84	597362	44.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.84%
36) 1,2-Dichloropropane-d6	6.33	67	196839	47.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.60%
41) Toluene-d8	7.56	98	524723	41.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.98%
43) trans-1,3-Dichloropropene-	7.85	79	84179	41.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.08%
47) 2-Hexanone-d5	8.31	63	210763	97.66	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.66%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	300106	47.01	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.02%
64) 1,2-Dichlorobenzene-d4	11.86	152	222825	47.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.34%

Target Compounds

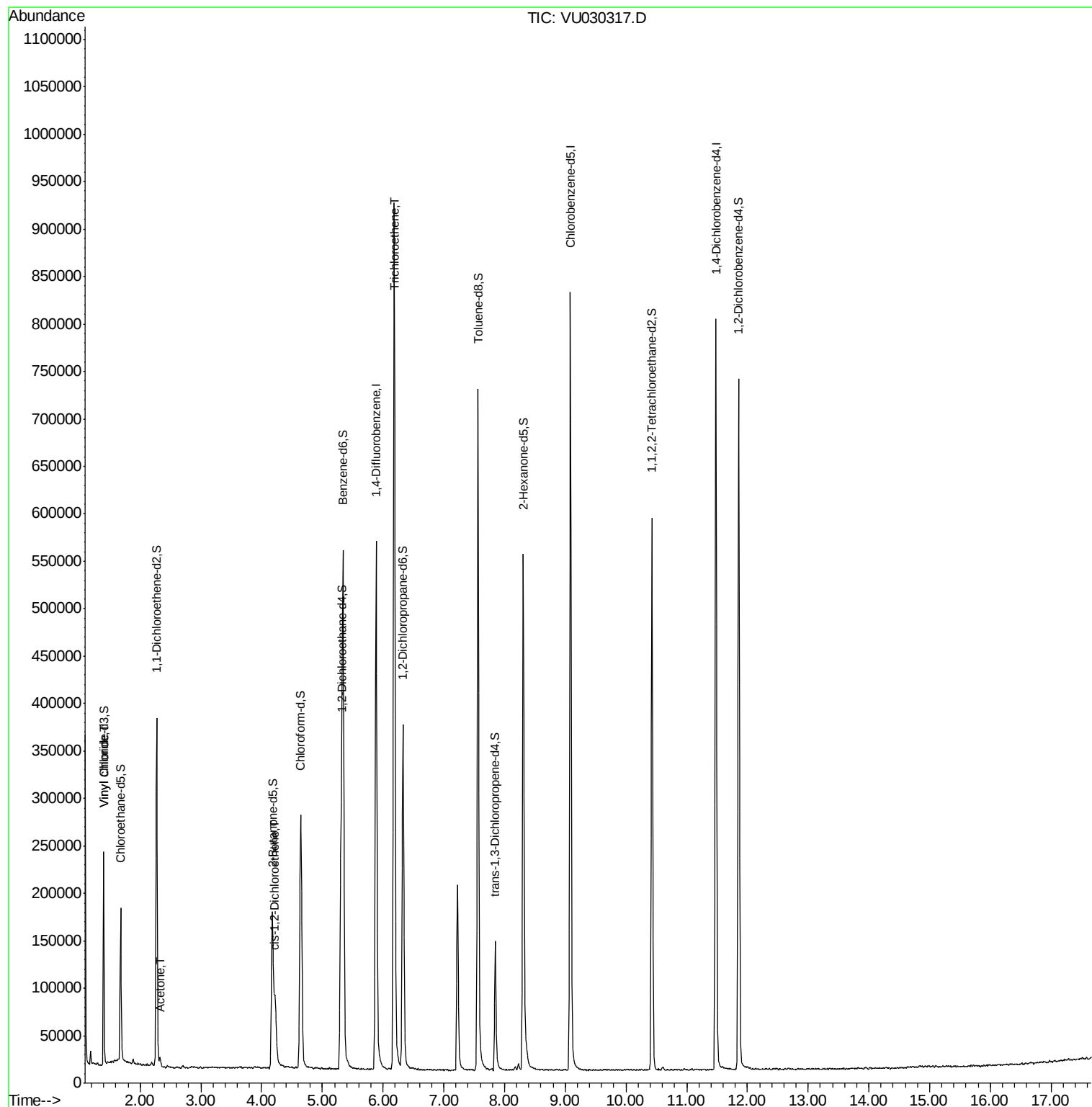
					Ovalue
5) Vinyl chloride	1.40	62	5804	1.284 ug/L	# 40
13) Acetone	2.32	43	8521	3.128 ug/L	100
20) cis-1,2-Dichloroethene	4.22	96	36068	9.010 ug/L	99
34) Trichloroethene	6.18	95	330582	85.176 ug/L	98

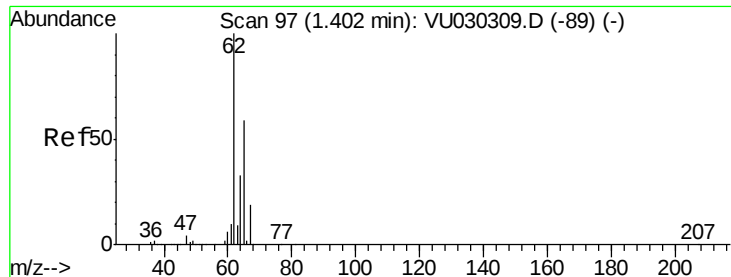
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.284 ug/L

RT: 1.40 min Scan# 97

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

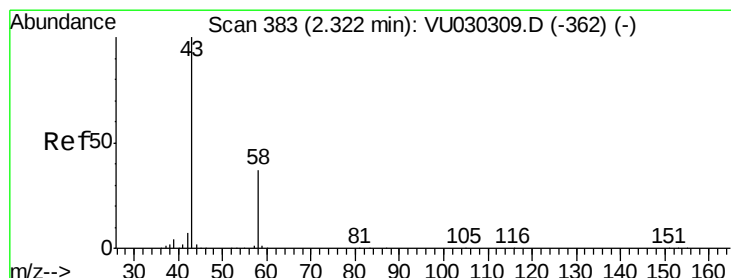
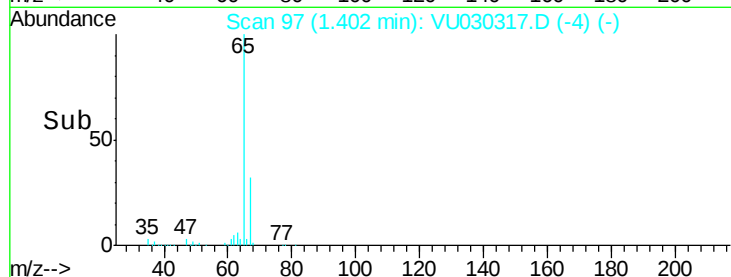
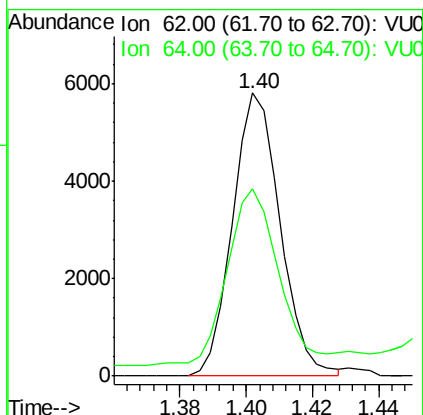
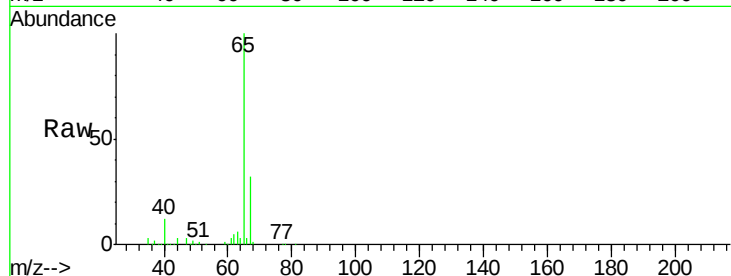
BF198

Tot Ion: 62 Resp: 5804

Ion Ratio Lower Upper

62 100

64 66.3 22.9 42.5#



#13

Acetone

Concen: 3.128 ug/L

RT: 2.32 min Scan# 384

Delta R.T. 0.00 min

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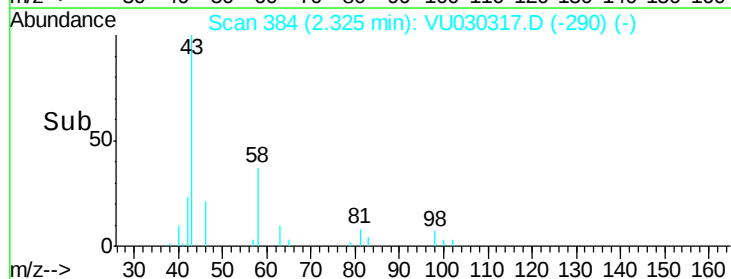
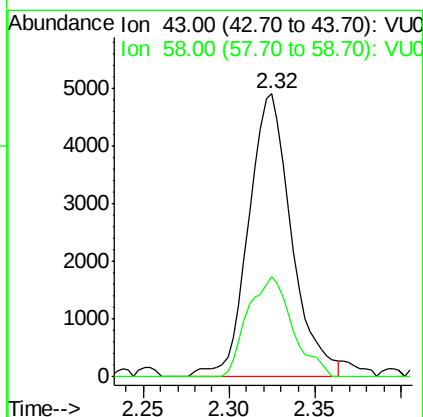
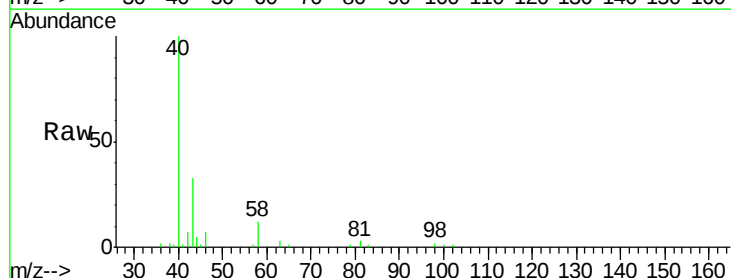
Acq: 22 Mar 2019 18:43

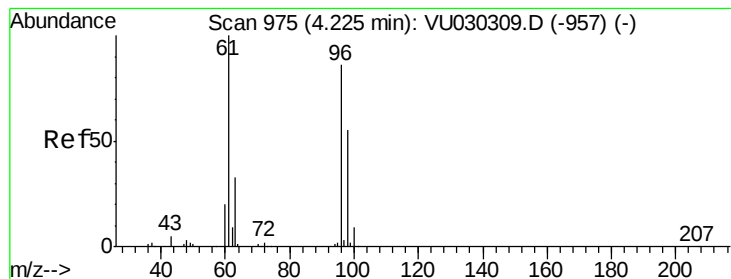
Tgt Ion: 43 Resp: 8521

Ion Ratio Lower Upper

43 100

58 36.8 0.0 73.4



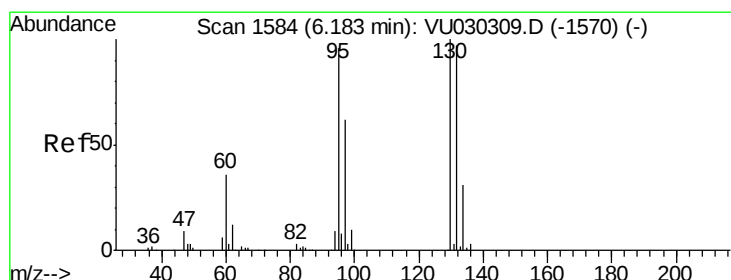
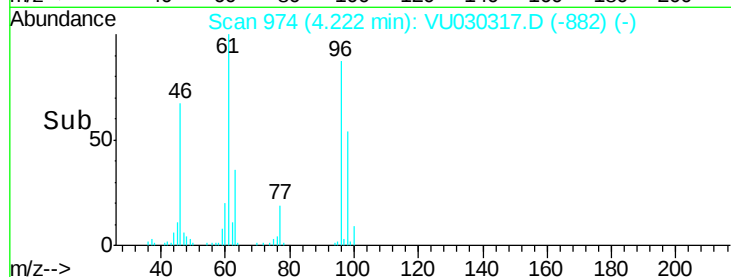
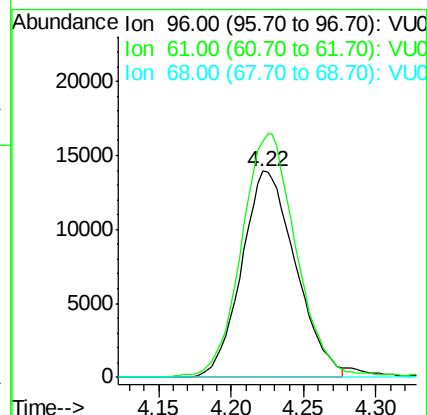
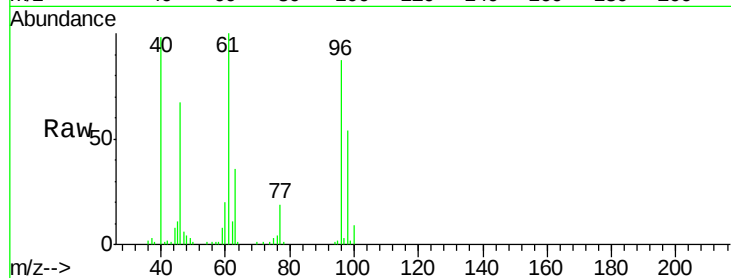


#20

cis-1,2-Dichloroethene
Concen: 9.010 ug/L
RT: 4.22 min Scan# 974
Delta R.T. -0.00 min
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Tot Ion: 96 Resp: 36068
Ion Ratio Lower Upper
96 100
61 114.8 81.5 151.3
68 0.0 0.0 0.0



#34

Trichloroethene
Concen: 85.176 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. -0.00 min
Lab File: VU030317.D
Acq: 22 Mar 2019 18:43

Tgt Ion: 95 Resp: 330582
Ion Ratio Lower Upper
95 100
97 64.3 46.2 85.8
132 101.6 69.3 128.7
130 103.7 73.6 136.6

