

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041319\
 Data File : VU031180.D
 Acq On : 14 Apr 2019 00:49
 Operator : JC/SP
 Sample : K2339-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFC51

Quant Time: Apr 15 12:18:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sun Apr 14 02:24:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	480800	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	473538	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	181918	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	193464	45.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.16%
7) Chloroethane-d5	1.67	69	150525	46.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.42%
11) 1,1-Dichloroethene-d2	2.27	63	252887	32.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.16%
21) 2-Butanone-d5	4.17	46	327390	96.24	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.24%
24) Chloroform-d	4.64	84	335136	51.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.24%
26) 1,2-Dichloroethane-d4	5.30	65	224229	50.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.24%
32) Benzene-d6	5.33	84	664997	48.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.32	67	225323	47.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.12%
41) Toluene-d8	7.56	98	559947	45.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.40%
43) trans-1,3-Dichloropropene-	7.85	79	94488	43.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.48%
47) 2-Hexanone-d5	8.31	63	193253	89.25	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.25%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	313671	49.08	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.16%
64) 1,2-Dichlorobenzene-d4	11.86	152	197084	55.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.18%

Target Compounds

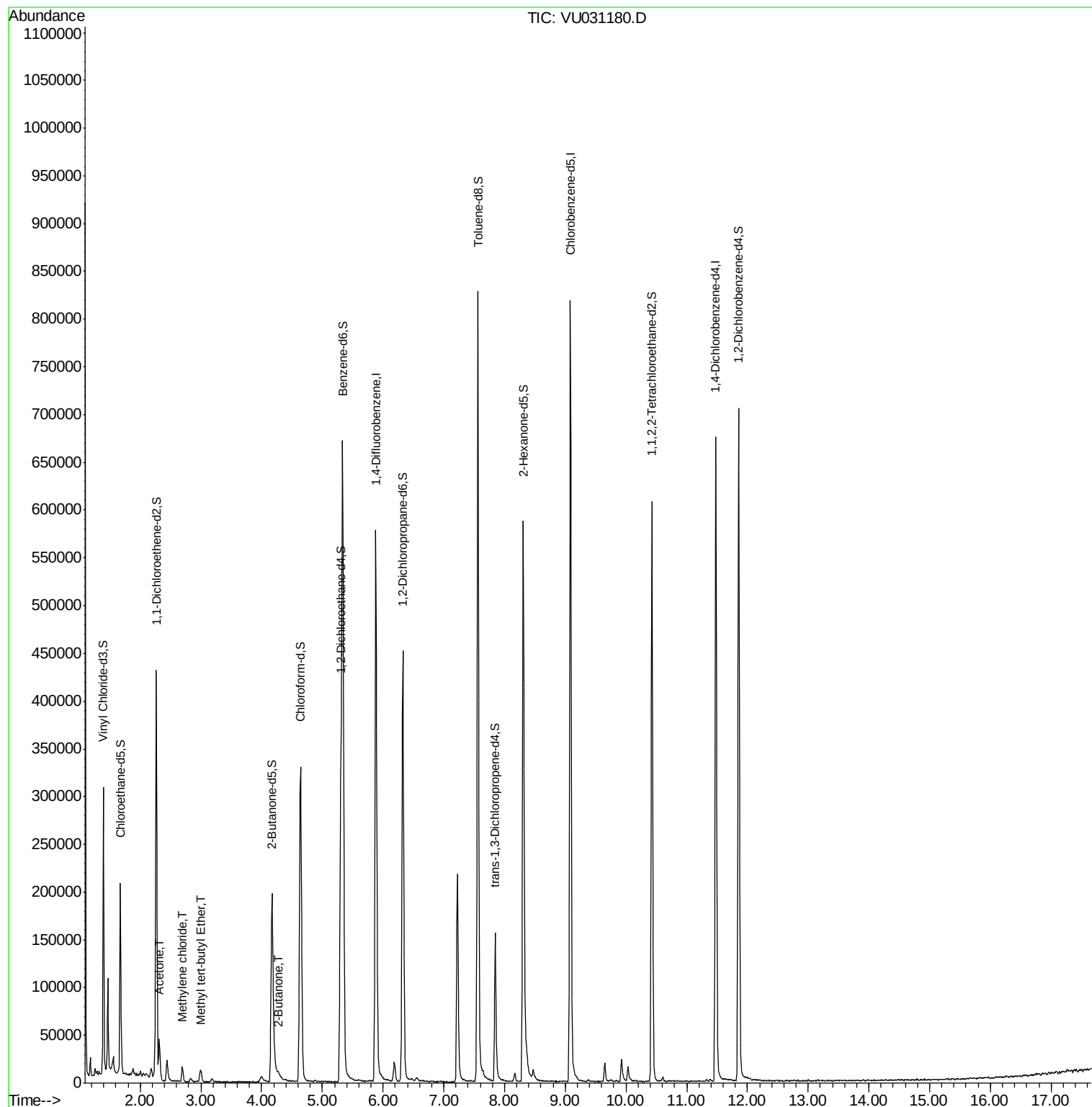
					Ovalue
13) Acetone	2.32	43	42914	12.329 ug/L	99
16) Methylene chloride	2.70	84	6696	1.658 ug/L	96
18) Methyl tert-butyl Ether	2.99	73	12695	1.074 ug/L #	90
22) 2-Butanone	4.27	43	12330	3.021 ug/L #	64

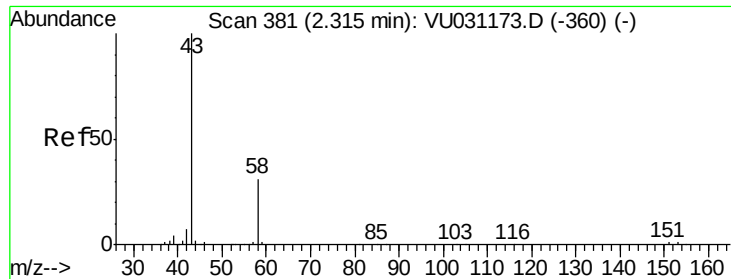
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 12.329 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

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Acq: 14 Apr 2019 00:49

Instrument :

MSVOA_U

ClientSampleId :

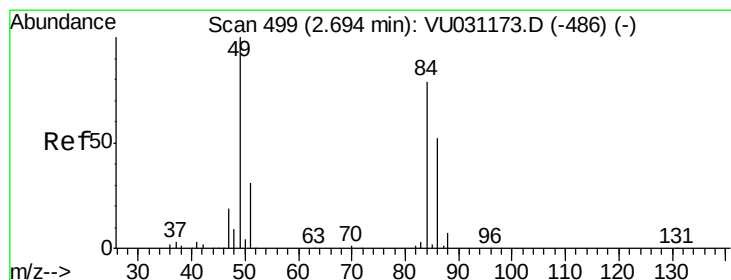
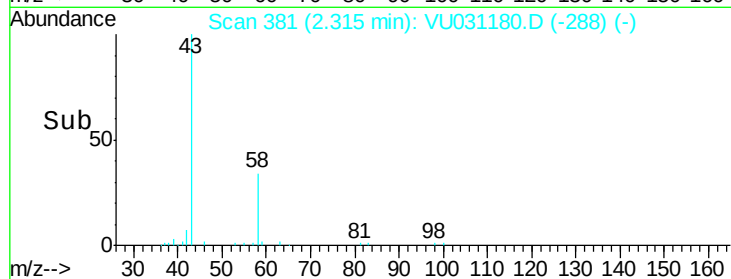
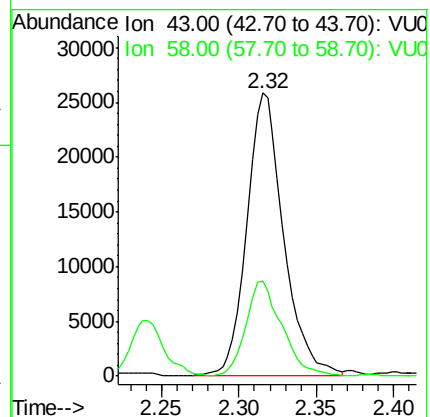
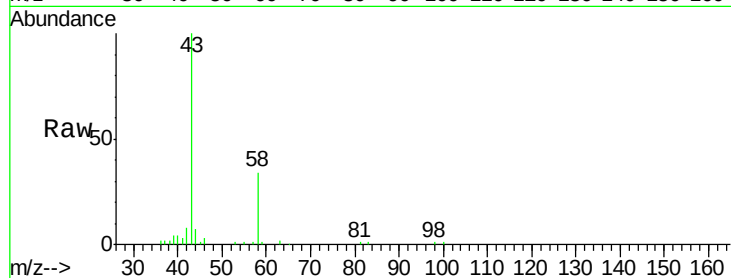
BFC51

Tot Ion: 43 Resp: 42914

Ion Ratio Lower Upper

43 100

58 32.8 0.0 64.0



#16

Methylene chloride

Concen: 1.658 ug/L

RT: 2.70 min Scan# 500

Delta R.T. 0.00 min

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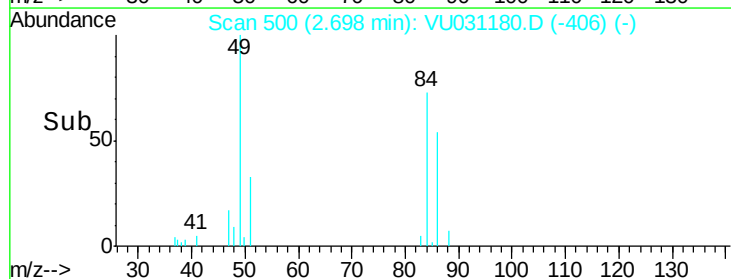
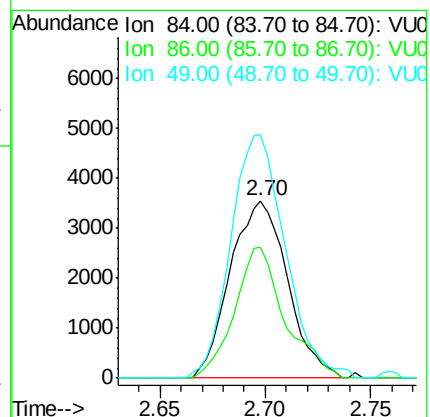
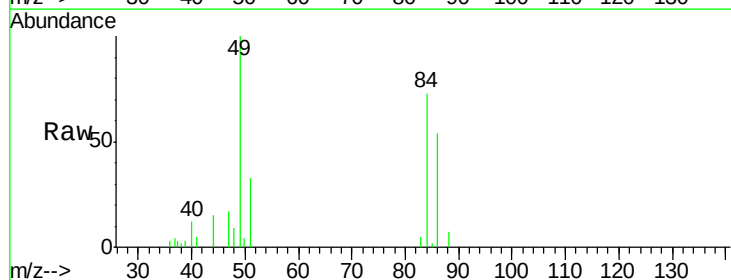
Tgt Ion: 84 Resp: 6696

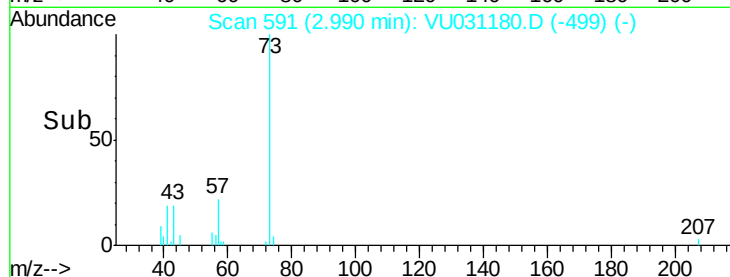
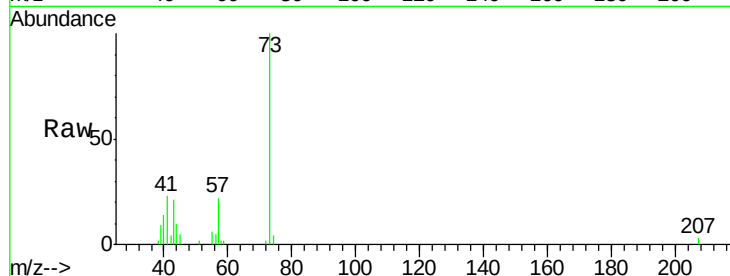
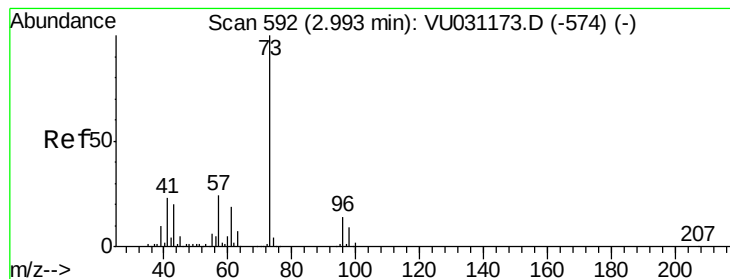
Ion Ratio Lower Upper

84 100

86 73.8 45.1 83.7

49 137.1 96.5 179.1





#18

Methyl tert-butyl Ether

Concen: 1.074 ug/L

RT: 2.99 min Scan# 591

Delta R.T. -0.00 min

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BFC51

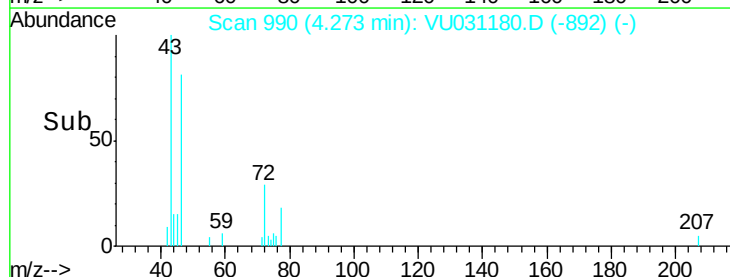
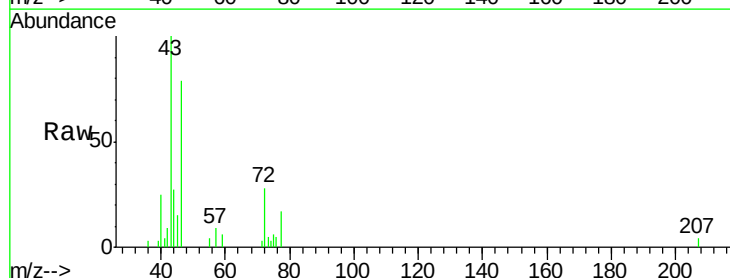
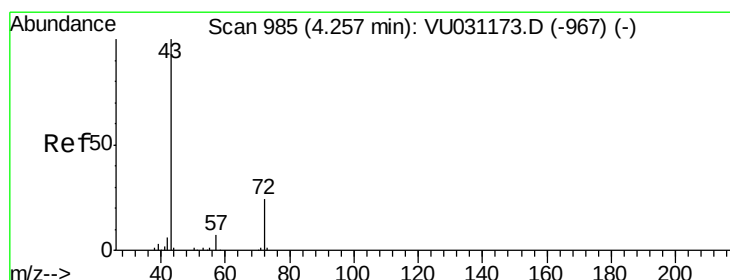
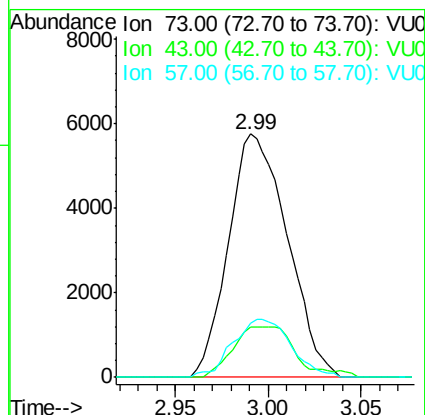
Tot Ion: 73 Resp: 12695

Ion Ratio Lower Upper

73 100

43 13.0 16.4 24.6#

57 21.2 19.0 28.4



#22

2-Butanone

Concen: 3.021 ug/L

RT: 4.27 min Scan# 990

Delta R.T. 0.02 min

Lab File: VU031180.D

Acq: 14 Apr 2019 00:49

Tgt Ion: 43 Resp: 12330

Ion Ratio Lower Upper

43 100

72 4.7 10.8 32.4#

