

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040119\
 Data File : VU030588.D
 Acq On : 31 Mar 2019 14:30
 Operator : JC/SP
 Sample : K2167-18
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF2M2

Quant Time: Apr 01 02:40:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Apr 01 02:05:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	411274	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	398923	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	155516	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	147024	44.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.84%
7) Chloroethane-d5	1.68	69	122681	46.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.52%
11) 1,1-Dichloroethene-d2	2.27	63	222617	35.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.92%
21) 2-Butanone-d5	4.18	46	270066	86.80	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.80%
24) Chloroform-d	4.65	84	263489	46.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.31	65	187330	50.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.40%
32) Benzene-d6	5.34	84	550257	48.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.33	67	195647	49.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.98%
41) Toluene-d8	7.56	98	470997	45.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.68%
43) trans-1,3-Dichloropropene-	7.85	79	85609	46.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.02%
47) 2-Hexanone-d5	8.31	63	169712	80.01	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.01%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	263756	47.09	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.18%
64) 1,2-Dichlorobenzene-d4	11.86	152	164880	52.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.82%

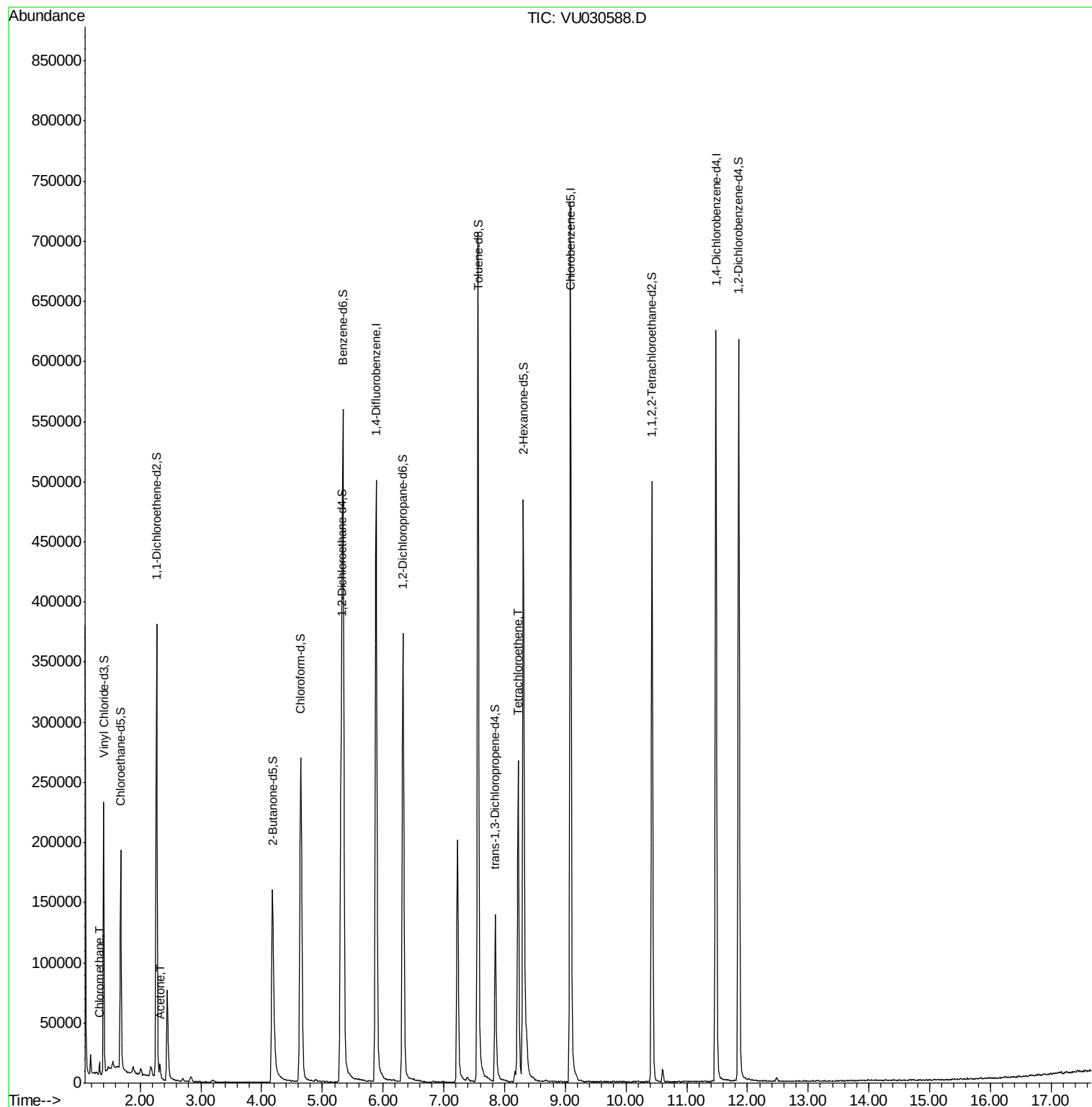
Target Compounds					Ovalue
3) Chloromethane	1.33	50	6256	1.233 ug/L	95
13) Acetone	2.32	43	8898	2.828 ug/L	97
46) Tetrachloroethene	8.22	164	59887	25.684 ug/L	96

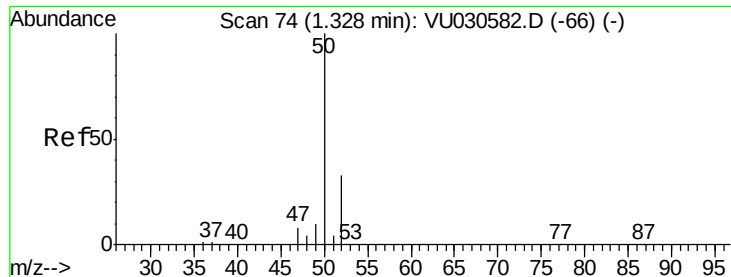
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.233 ug/L

RT: 1.33 min Scan# 75

Delta R.T. 0.00 min

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Acq: 31 Mar 2019 14:30

Instrument :

MSVOA_U

ClientSampleId :

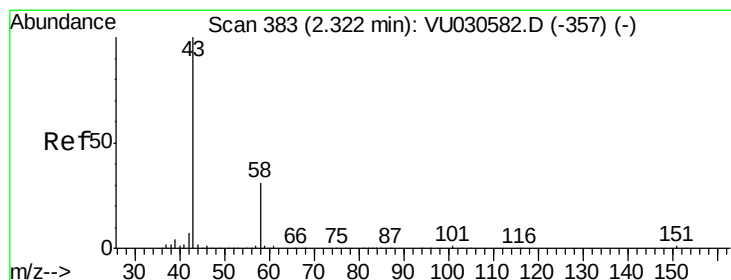
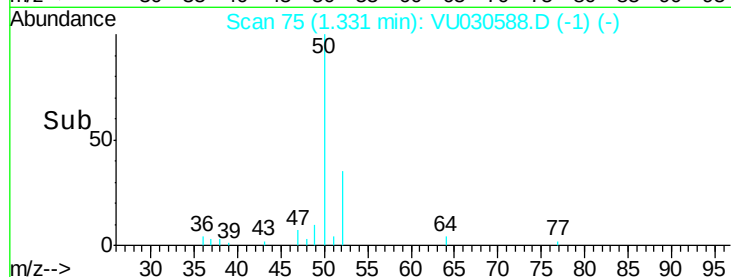
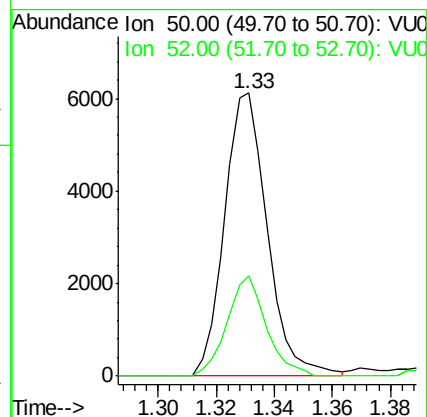
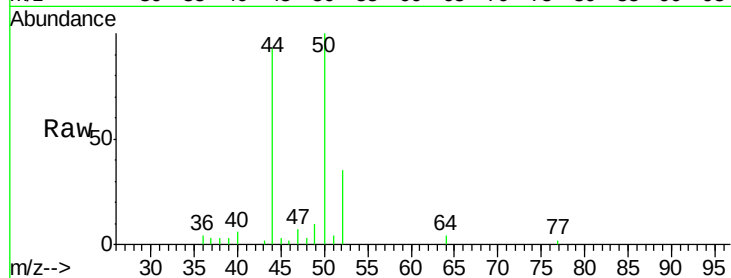
BF2M2

Tot Ion: 50 Resp: 6256

Ion Ratio Lower Upper

50 100

52 35.4 23.0 42.6



#13

Acetone

Concen: 2.828 ug/L

RT: 2.32 min Scan# 384

Delta R.T. 0.00 min

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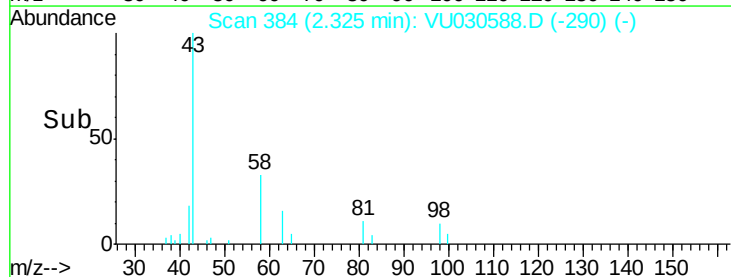
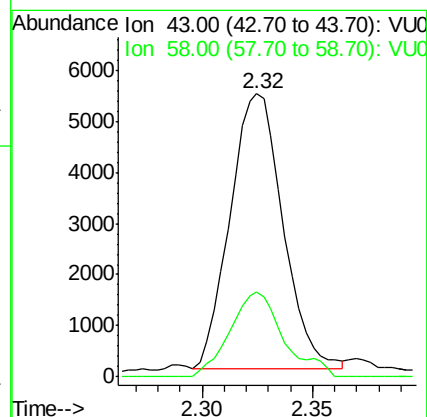
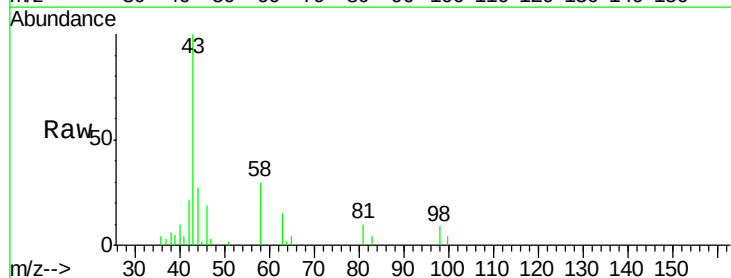
Acq: 31 Mar 2019 14:30

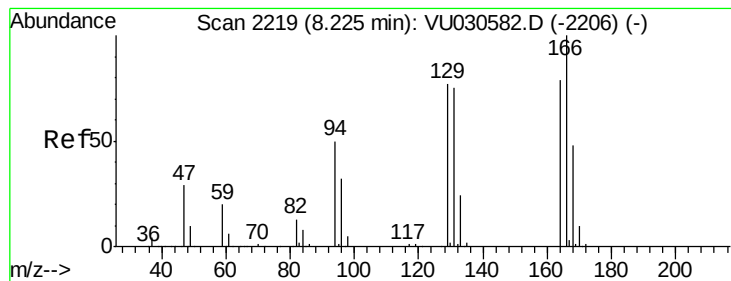
Tgt Ion: 43 Resp: 8898

Ion Ratio Lower Upper

43 100

58 29.5 0.0 62.8





#46

Tetrachloroethene

Concen: 25.684 ug/L

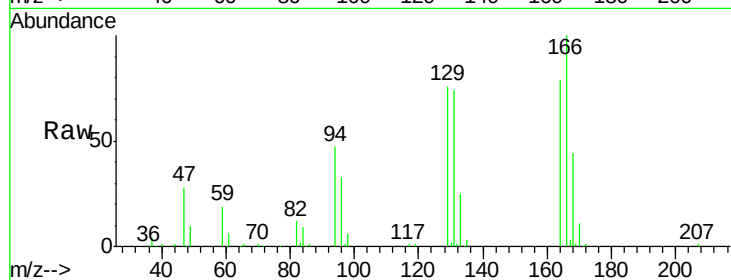
RT: 8.22 min Scan# 2219

Delta R.T. -0.00 min

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Tot Ion:164 Resp: 59887

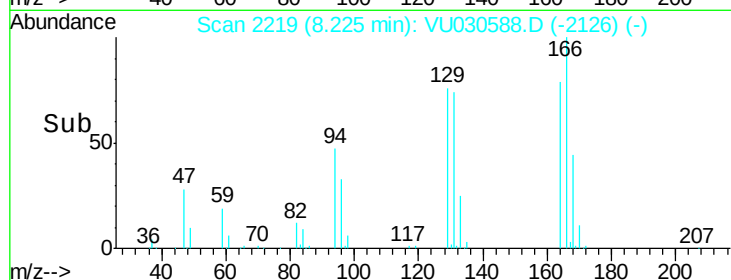
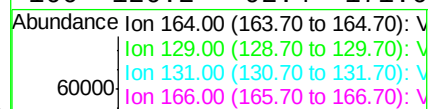
Ion Ratio Lower Upper

164 100

129 95.5 68.1 126.5

131 93.5 67.7 125.7

166 126.2 92.4 171.6



Time-->