

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040119\
 Data File : VU030587.D
 Acq On : 31 Mar 2019 14:07
 Operator : JC/SP
 Sample : K2167-17
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF1G3

Quant Time: Apr 01 02:37:20 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	517645	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	491521	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	202247	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	162673	39.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.10%
7) Chloroethane-d5	1.68	69	135611	41.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.14%
11) 1,1-Dichloroethene-d2	2.27	63	243842	30.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.72%
21) 2-Butanone-d5	4.18	46	313530	80.06	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.06%
24) Chloroform-d	4.65	84	297499	41.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.90%
26) 1,2-Dichloroethane-d4	5.31	65	204658	43.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.14%
32) Benzene-d6	5.34	84	609408	43.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.46%
36) 1,2-Dichloropropane-d6	6.33	67	216347	44.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.72%
41) Toluene-d8	7.56	98	527283	41.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.30%
43) trans-1,3-Dichloropropene-	7.85	79	95622	42.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.34%
47) 2-Hexanone-d5	8.31	63	190658	72.95	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	72.95%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	287925	41.72	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.44%
64) 1,2-Dichlorobenzene-d4	11.86	152	179958	44.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.82%

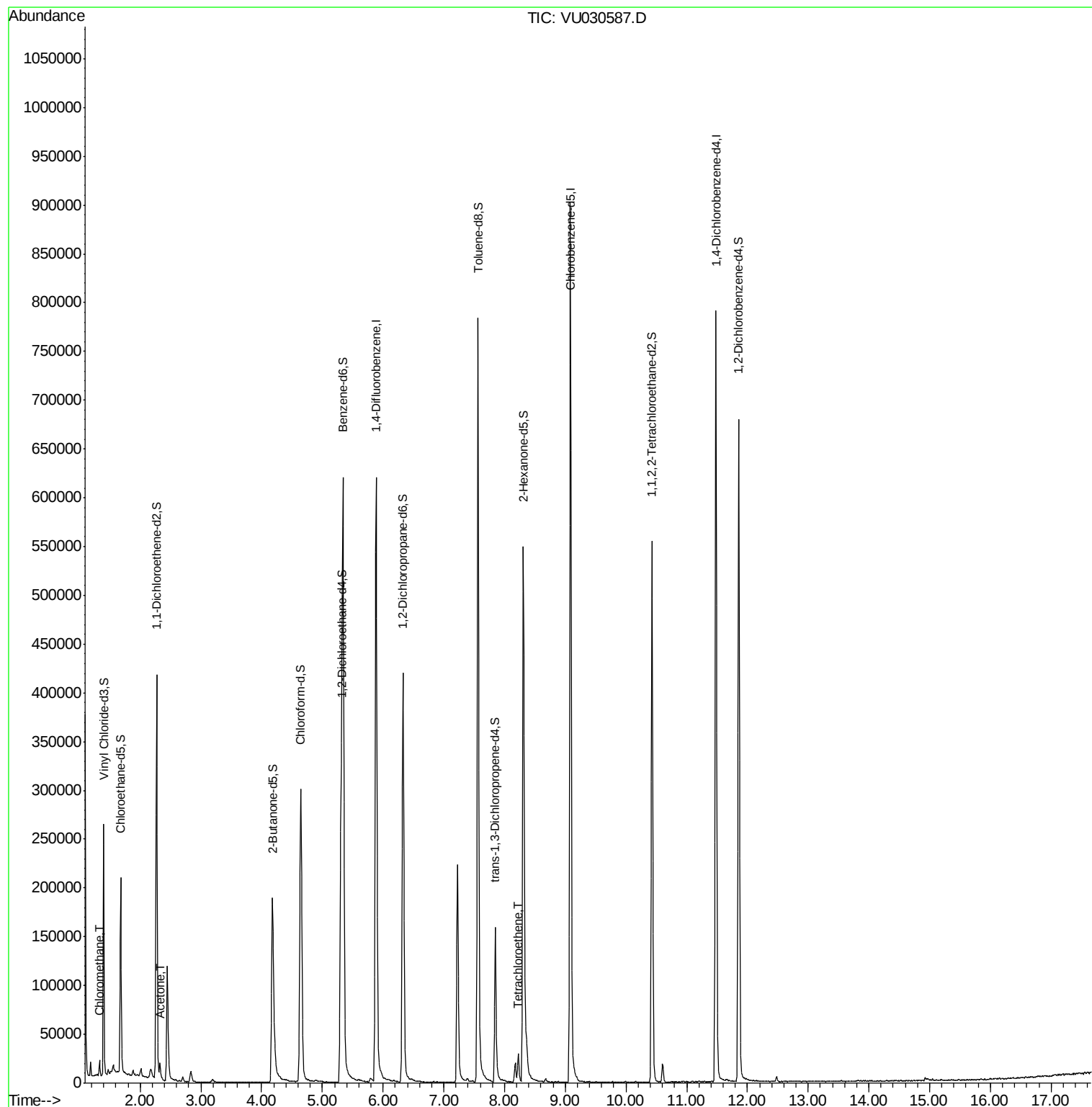
Target Compounds					Ovalue
3) Chloromethane	1.33	50	9252	1.448 ug/L	99
13) Acetone	2.32	43	13610	3.436 ug/L	95
46) Tetrachloroethene	8.23	164	6997	2.435 ug/L	95

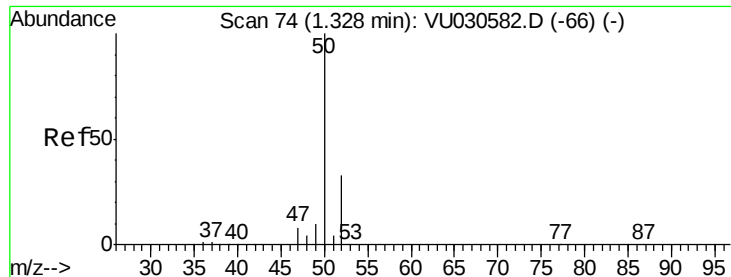
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.448 ug/L

RT: 1.33 min Scan# 75

Delta R.T. 0.00 min

Lab File: VU030587.D

Acq: 31 Mar 2019 14:07

Instrument :

MSVOA_U

ClientSampled :

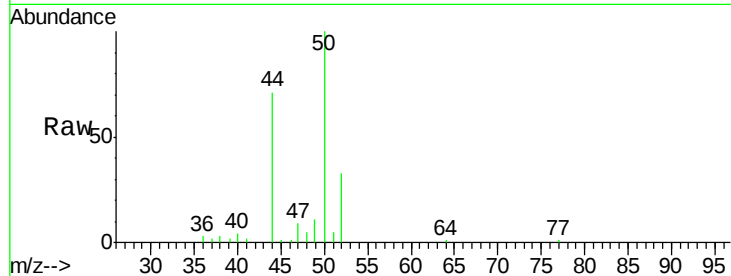
BF1G3

Tot Ion: 50 Resp: 9252

Ion Ratio Lower Upper

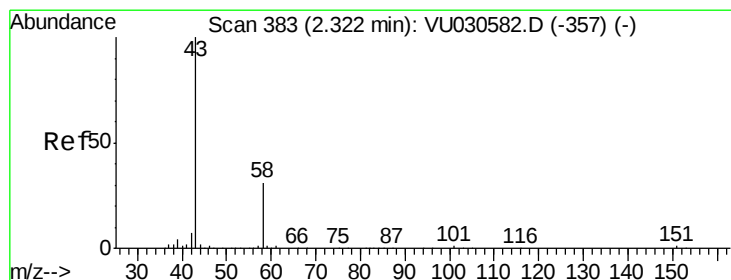
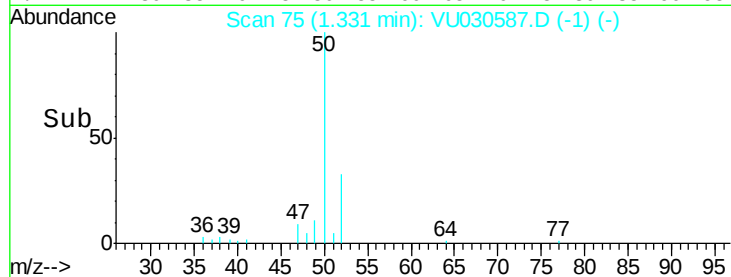
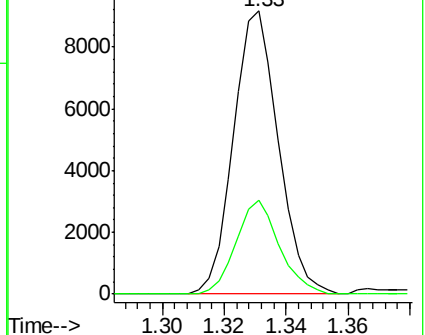
50 100

52 33.3 23.0 42.6



Abundance Ion 50.00 (49.70 to 50.70): VU030587.D (-66) (-)

Ion 52.00 (51.70 to 52.70): VU030587.D (-66) (-)



#13

Acetone

Concen: 3.436 ug/L

RT: 2.32 min Scan# 384

Delta R.T. 0.00 min

Lab File: VU030587.D

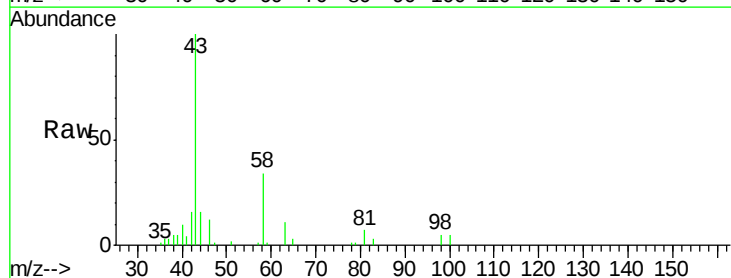
Acq: 31 Mar 2019 14:07

Tgt Ion: 43 Resp: 13610

Ion Ratio Lower Upper

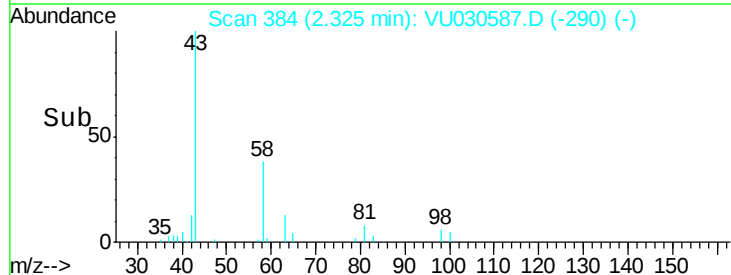
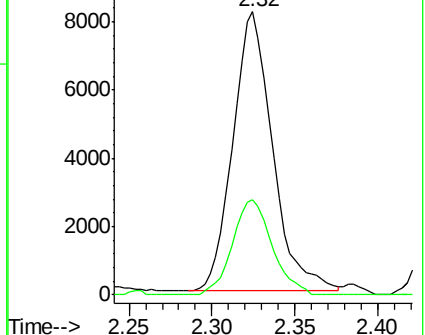
43 100

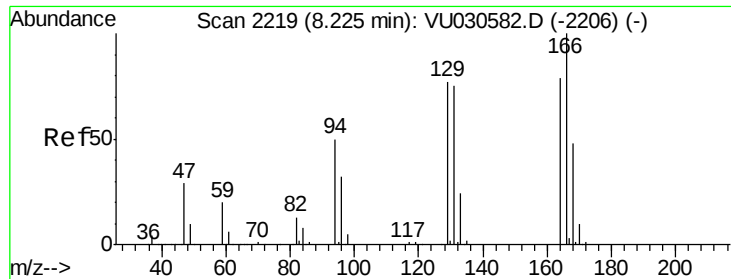
58 34.0 0.0 62.8



Abundance Ion 43.00 (42.70 to 43.70): VU030587.D (-290) (-)

Ion 58.00 (57.70 to 58.70): VU030587.D (-290) (-)





#46

Tetrachloroethene

Concen: 2.435 ug/L

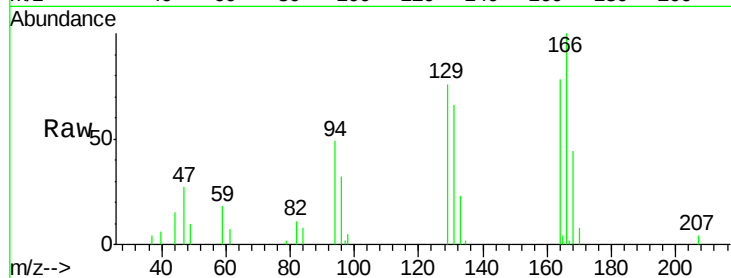
RT: 8.23 min Scan# 2220

Delta R.T. 0.00 min

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Tot Ion:	164	Resp:	6997
Ion	Ratio	Lower	Upper
164	100		
129	97.4	68.1	126.5
131	84.5	67.7	125.7
166	128.1	92.4	171.6

