

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052019\
 Data File : VU032181.D
 Acq On : 21 May 2019 02:07
 Operator : JC/SP
 Sample : K2888-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BN6

Quant Time: May 21 09:15:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue May 21 08:29:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	342022	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	351260	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	137509	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	89151	3.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.80%
7) Chloroethane-d5	1.68	69	84317	3.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	68.60%
11) 1,1-Dichloroethene-d2	2.27	63	130179	2.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.80%#
20) 2-Butanone-d5	4.20	46	233342	41.25	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.50%
24) Chloroform-d	4.64	84	202587	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.00%
26) 1,2-Dichloroethane-d4	5.31	65	105275	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.60%
32) Benzene-d6	5.33	84	393507	3.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.40%
36) 1,2-Dichloropropane-d6	6.33	67	116521	3.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	74.40%
41) Toluene-d8	7.56	98	312798	3.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.20%#
43) trans-1,3-Dichloropropene-	7.85	79	38907	3.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.00%
46) 2-Hexanone-d5	8.31	63	205218	40.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.62%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	106159	4.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	126120	4.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.60%

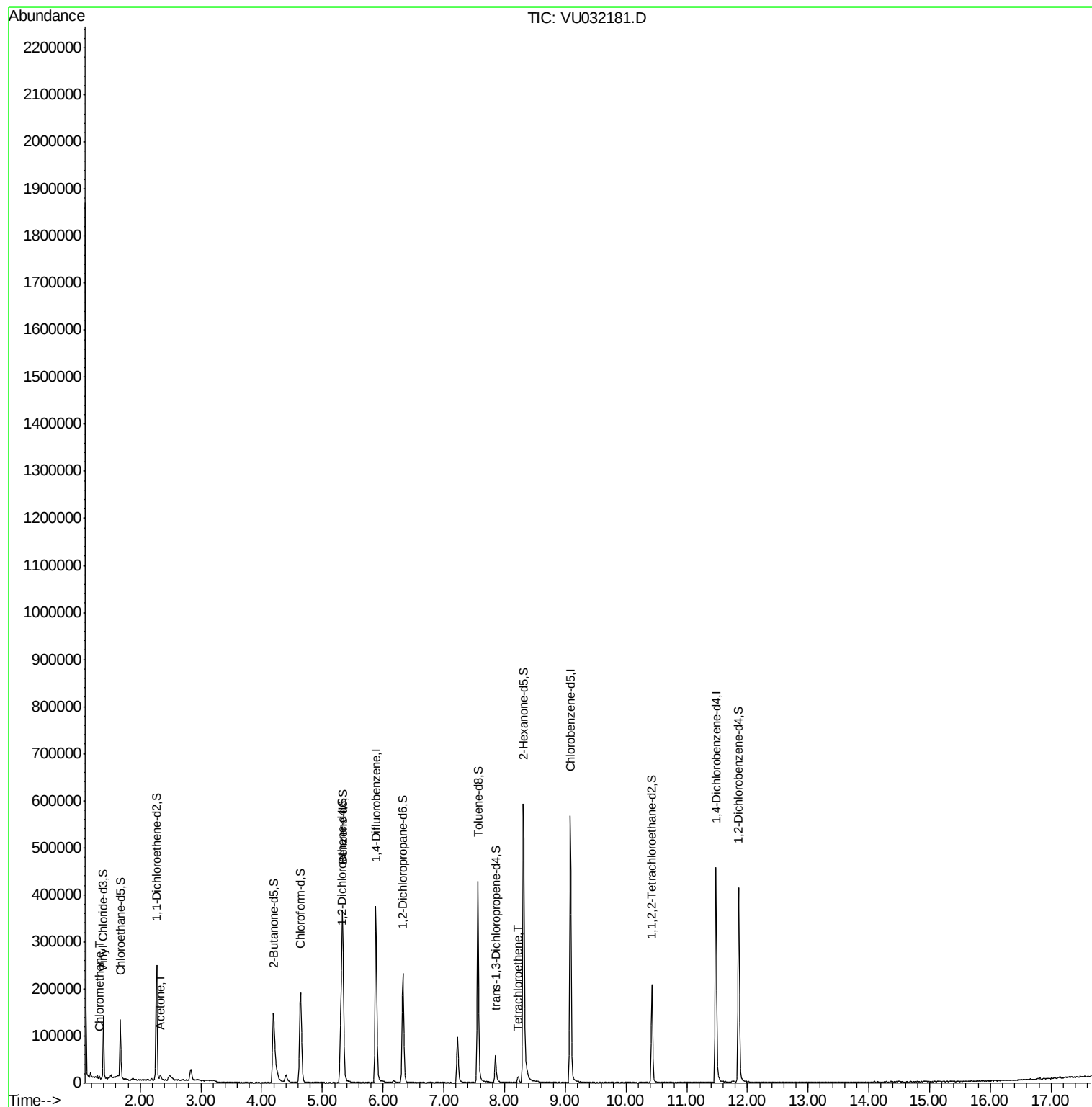
Target Compounds					Ovalue
3) Chloromethane	1.32	50	3821	0.233 ug/L	97
13) Acetone	2.34	43	8813	4.746 ug/L	91
47) Tetrachloroethene	8.22	164	3875	0.354 ug/L #	76

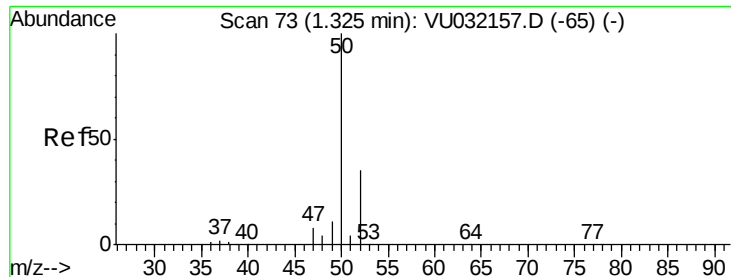
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.233 ug/L

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

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Acq: 21 May 2019 02:07

Instrument :

MSVOA_U

ClientSampleId :

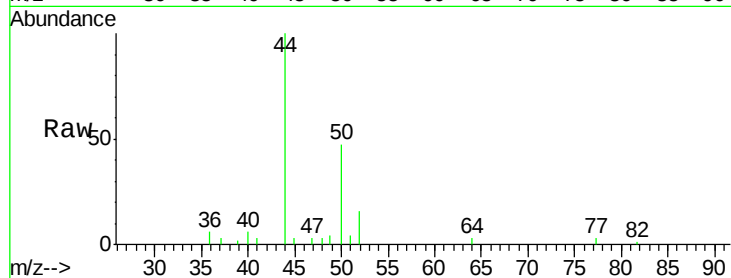
C0BN6

Tot Ion: 50 Resp: 3821

Ion Ratio Lower Upper

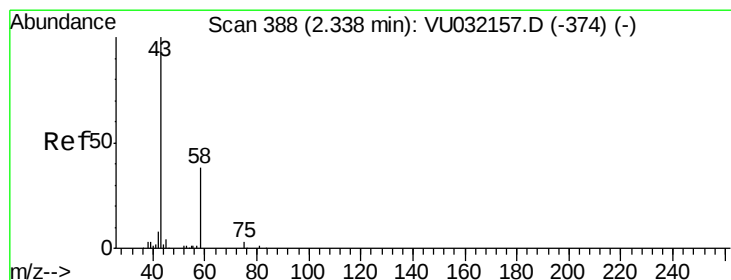
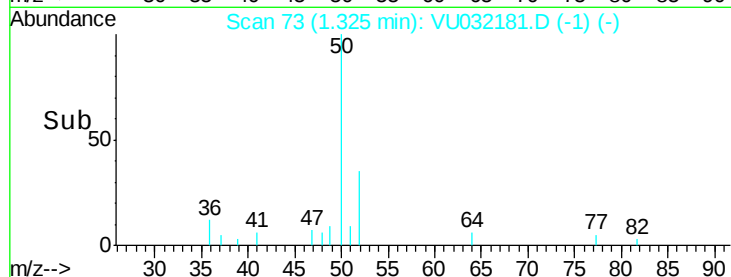
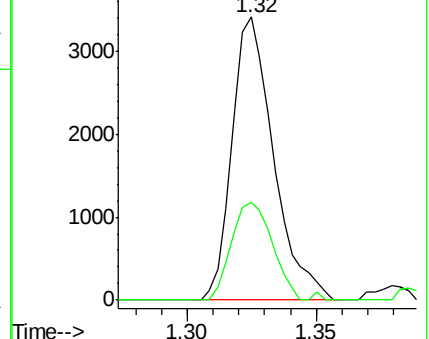
50 100

52 34.6 23.2 43.0



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#13

Acetone

Concen: 4.746 ug/L

RT: 2.34 min Scan# 388

Delta R.T. -0.00 min

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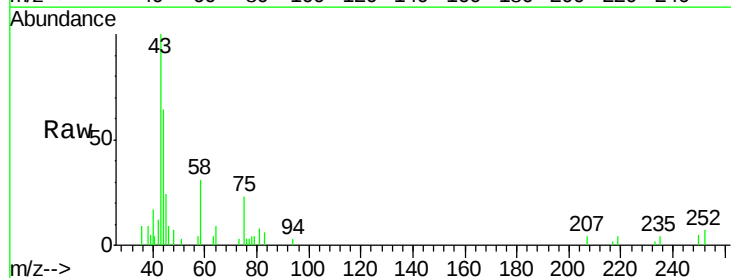
Acq: 21 May 2019 02:07

Tgt Ion: 43 Resp: 8813

Ion Ratio Lower Upper

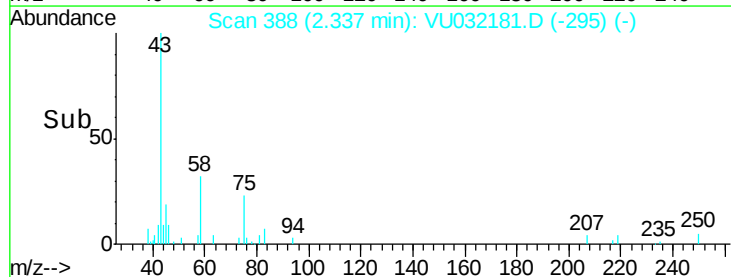
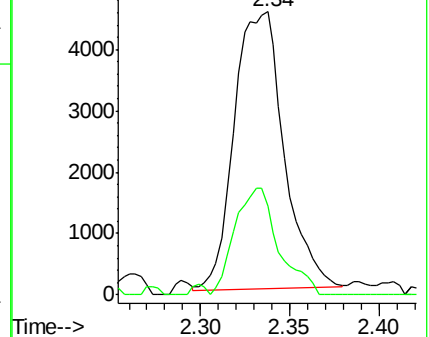
43 100

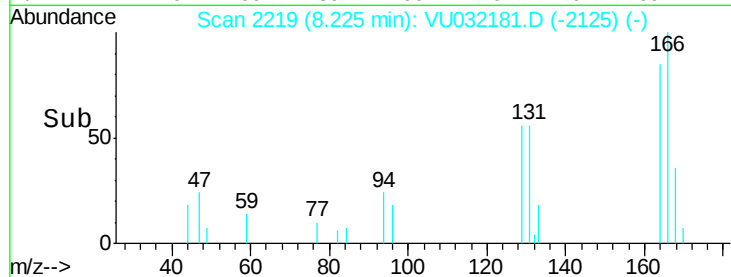
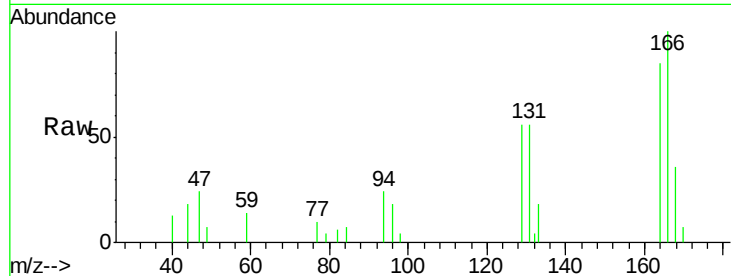
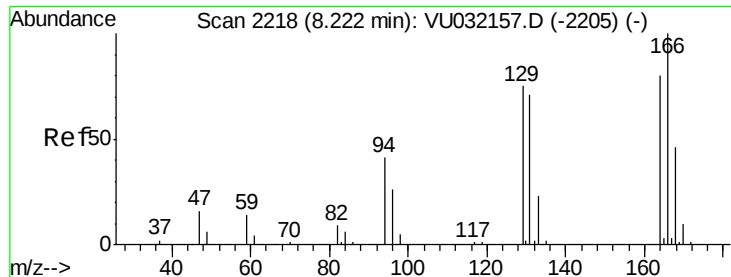
58 33.8 0.0 78.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#47

Tetrachloroethene

Concen: 0.354 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

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Instrument :

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ClientSampleId :

C0BN6

Tot Ion:164 Resp: 3875

Ion Ratio Lower Upper

164 100

129 66.1 70.3 130.5#

131 65.5 64.5 119.9

166 117.5 92.3 171.5

Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

