

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052019\
 Data File : VU032167.D
 Acq On : 20 May 2019 20:19
 Operator : JC/SP
 Sample : K2889-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COBMO

Quant Time: May 21 09:20:45 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	353911	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	367349	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	144035	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	98916	3.32	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.40%
7) Chloroethane-d5	1.68	69	91648	3.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.00%
11) 1,1-Dichloroethene-d2	2.27	63	142817	3.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.20%
20) 2-Butanone-d5	4.19	46	235796	40.29	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.58%
24) Chloroform-d	4.64	84	211002	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.60%
26) 1,2-Dichloroethane-d4	5.31	65	104687	3.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.40%
32) Benzene-d6	5.33	84	400134	3.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.40%
36) 1,2-Dichloropropane-d6	6.33	67	122285	3.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	74.60%
41) Toluene-d8	7.56	98	326383	3.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.20%#
43) trans-1,3-Dichloropropene-	7.85	79	43352	3.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.60%
46) 2-Hexanone-d5	8.31	63	212161	39.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.68%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	110828	4.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	135563	4.44	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.80%

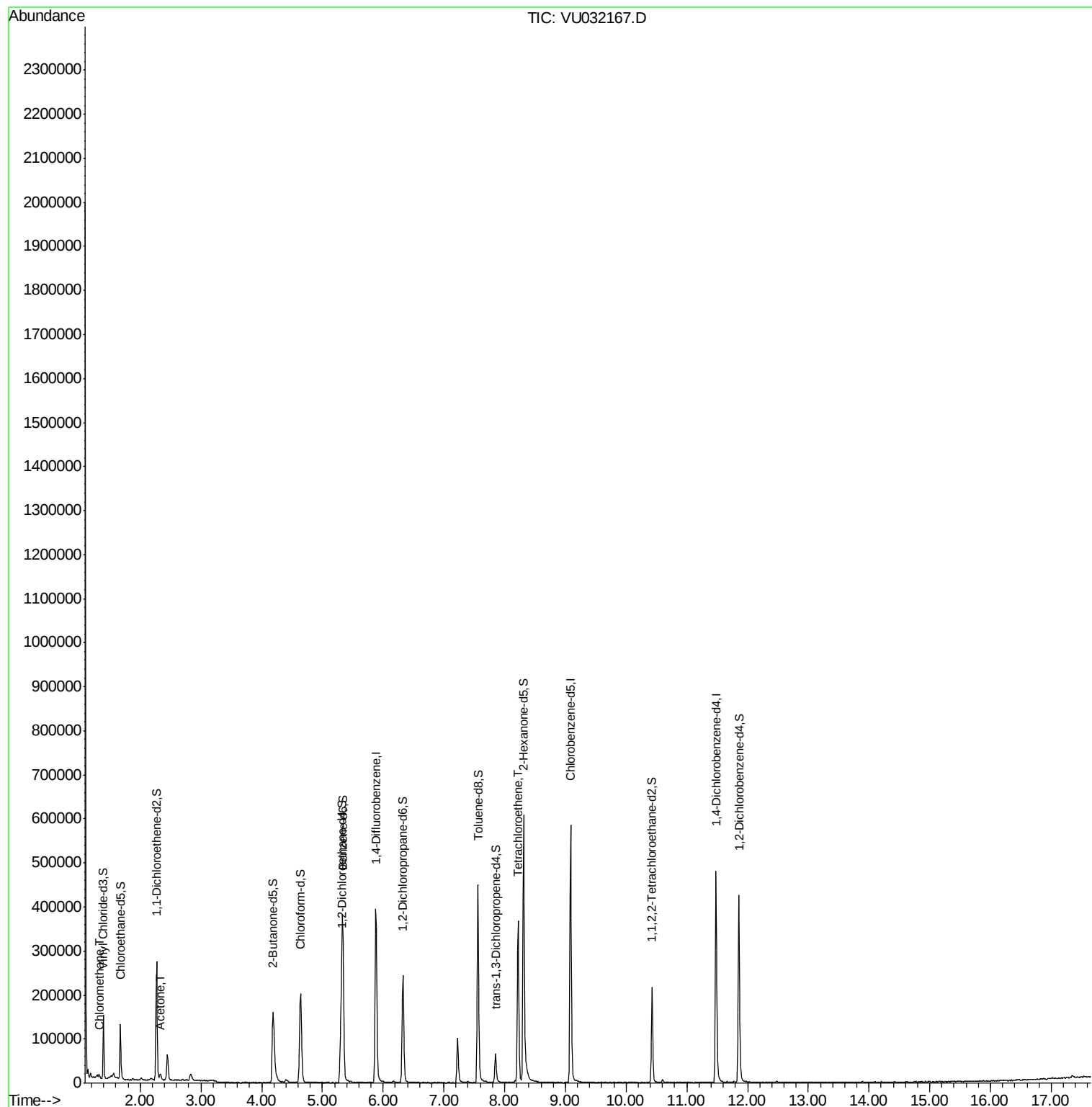
Target Compounds					Ovalue
3) Chloromethane	1.32	50	4761	0.280 ug/L	95
13) Acetone	2.32	43	7048	3.668 ug/L	92
47) Tetrachloroethene	8.22	164	89500	7.825 ug/L	95

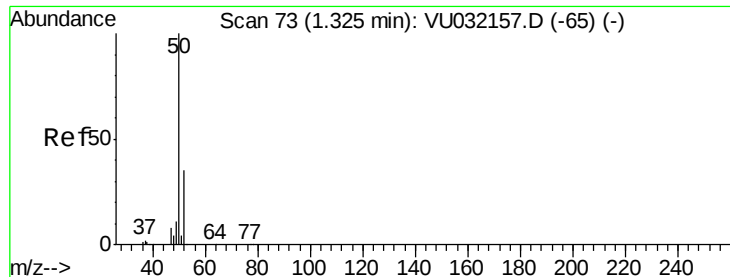
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.280 ug/L

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

Lab File: VU032167.D

Acq: 20 May 2019 20:19

Instrument :

MSVOA_U

ClientSampleId :

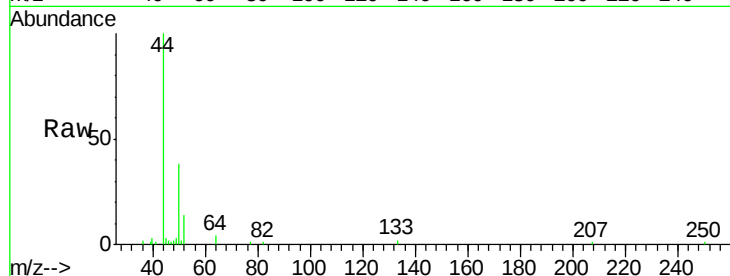
COBMO

Tot Ion: 50 Resp: 4761

Ion Ratio Lower Upper

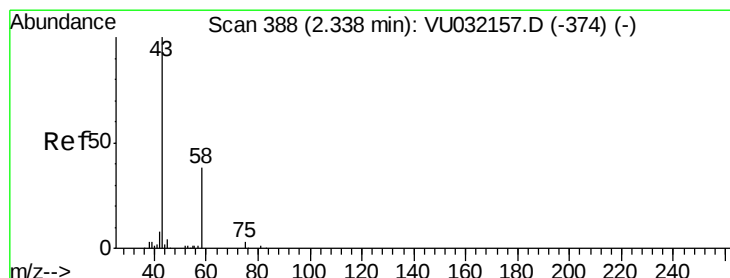
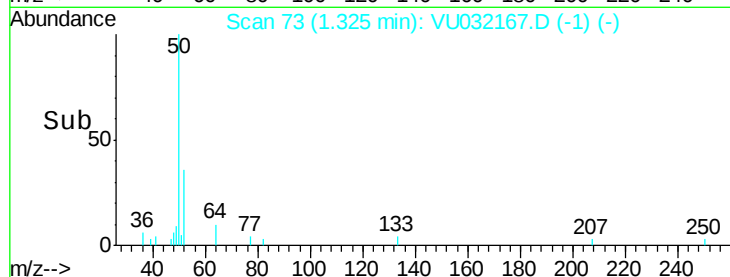
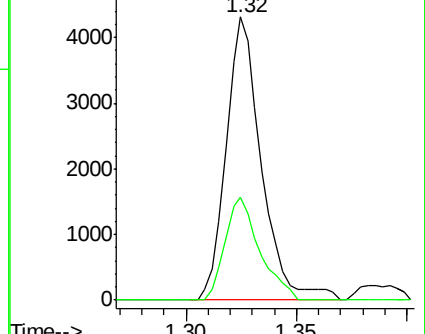
50 100

52 36.2 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: 3.668 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.02 min

Lab File: VU032167.D

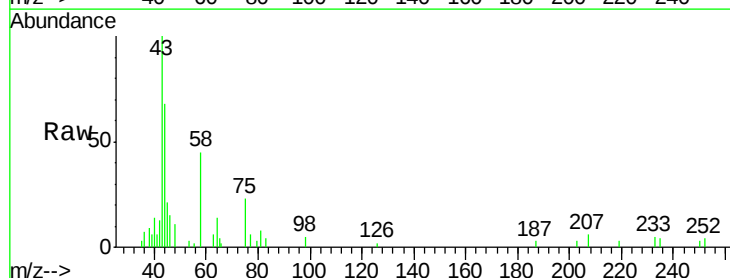
Acq: 20 May 2019 20:19

Tgt Ion: 43 Resp: 7048

Ion Ratio Lower Upper

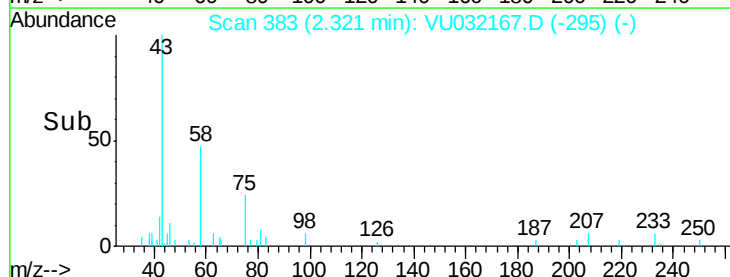
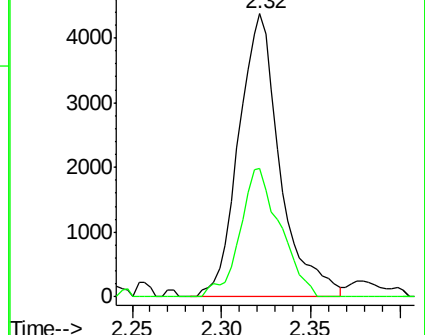
43 100

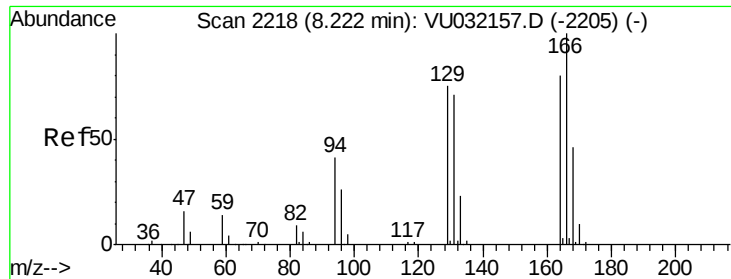
58 44.2 0.0 78.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

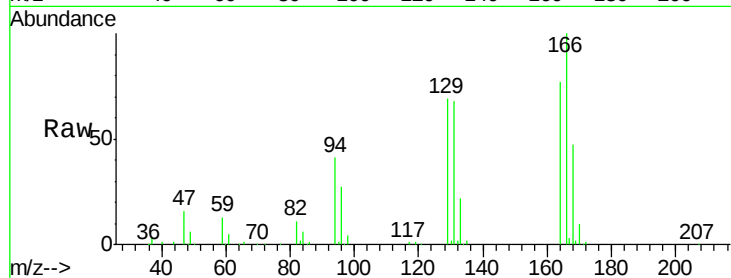




#47
Tetrachloroethene
Concen: 7.825 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
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COBM0

Tot Ion:	164	Resp:	89500
Ion	Ratio	Lower	Upper
164	100		
129	89.9	70.3	130.5
131	87.8	64.5	119.9
166	129.8	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

