

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100819\
 Data File : VU034995.D
 Acq On : 08 Oct 2019 17:29
 Operator : JC/SP
 Sample : K5268-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBAX2

Quant Time: Oct 09 08:16:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 09 07:15:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	167524	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	167807	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	69594	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	42011	4.24	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.80%
7) Chloroethane-d5	1.67	69	41188	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.20%
11) 1,1-Dichloroethene-d2	2.26	63	64708	3.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.00%
20) 2-Butanone-d5	4.17	46	139128	47.71	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.42%
24) Chloroform-d	4.62	84	83009	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	5.29	65	52843	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	5.32	84	181054	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	6.31	67	64150	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.55	98	160836	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
43) trans-1,3-Dichloropropene-	7.84	79	17711	3.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.80%
46) 2-Hexanone-d5	8.30	63	103664	46.04	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.08%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	53072	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
64) 1,2-Dichlorobenzene-d4	11.84	152	60197	5.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.60%

Target Compounds

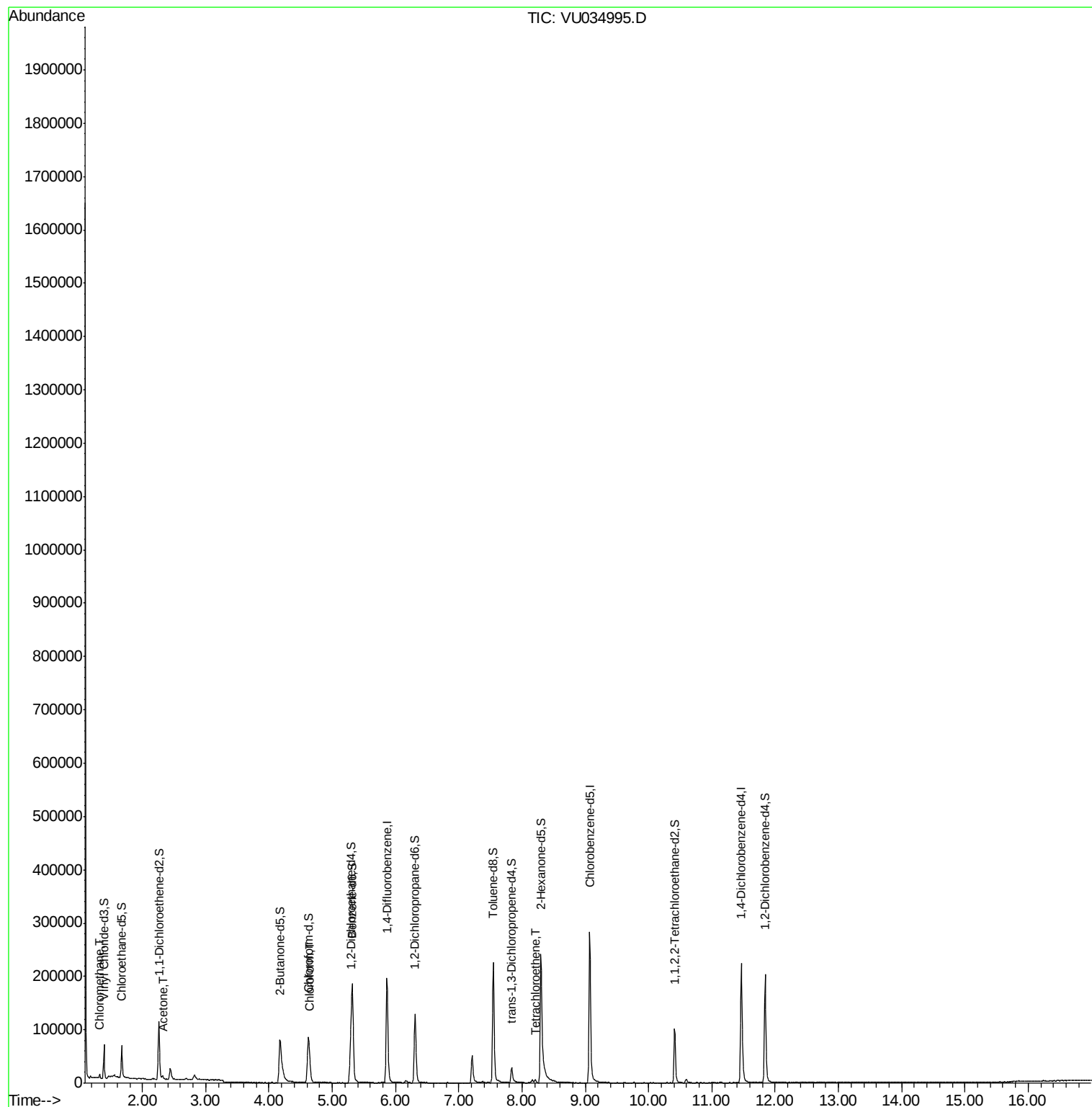
					Ovalue
3) Chloromethane	1.32	50	5104	0.304	ug/L 94
13) Acetone	2.32	43	5878	2.461	ug/L 99
25) Chloroform	4.65	83	13325	0.518	ug/L 95
47) Tetrachloroethene	8.21	164	1390	0.132	ug/L 94

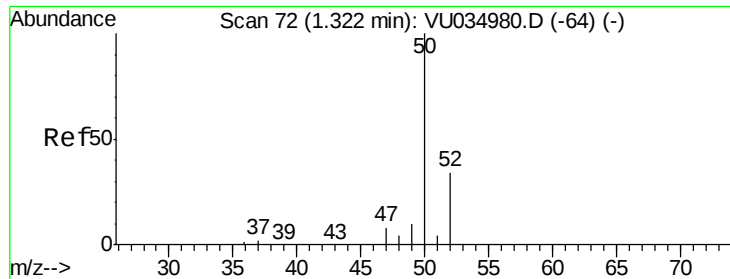
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.304 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VU034995.D

Acq: 08 Oct 2019 17:29

Instrument :

MSVOA_U

ClientSampled :

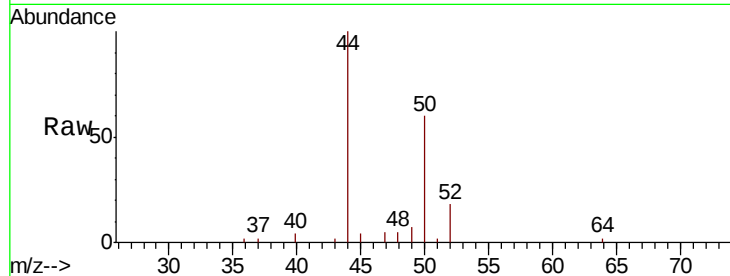
DBAX2

Tot Ion: 50 Resp: 5104

Ion Ratio Lower Upper

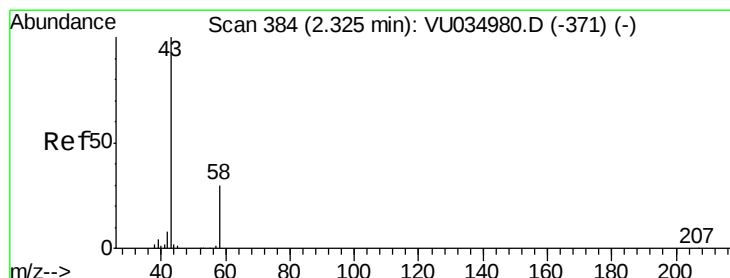
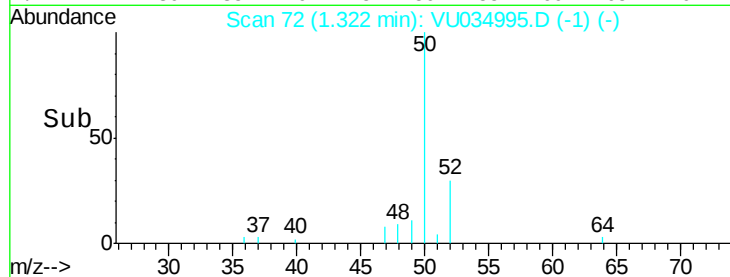
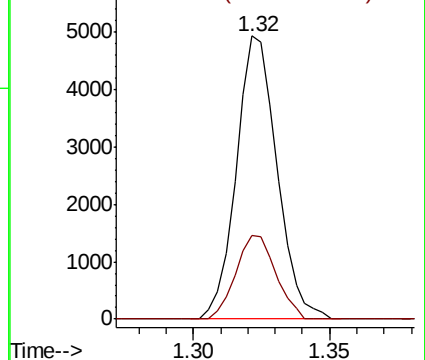
50 100

52 29.8 23.3 43.3



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#13

Acetone

Concen: 2.461 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.01 min

Lab File: VU034995.D

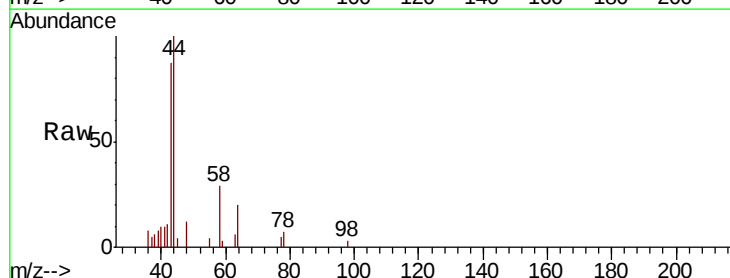
Acq: 08 Oct 2019 17:29

Tgt Ion: 43 Resp: 5878

Ion Ratio Lower Upper

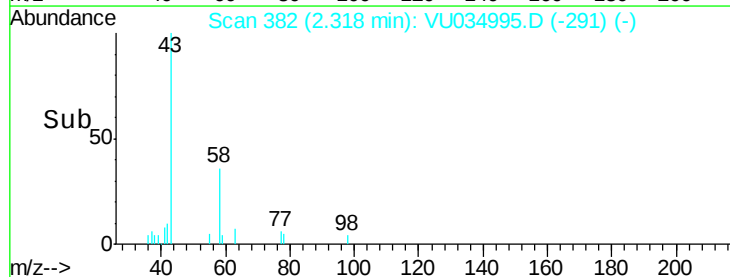
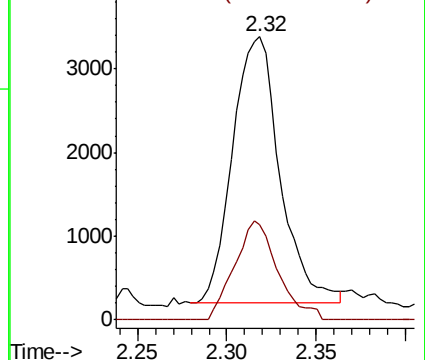
43 100

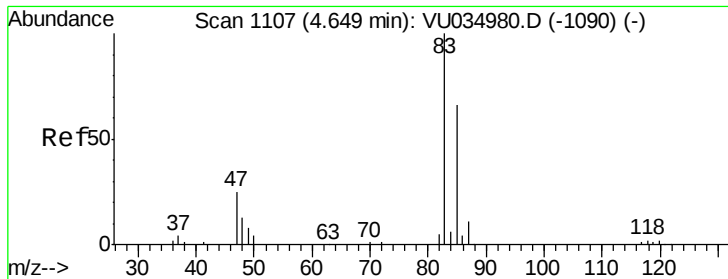
58 34.0 0.0 66.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

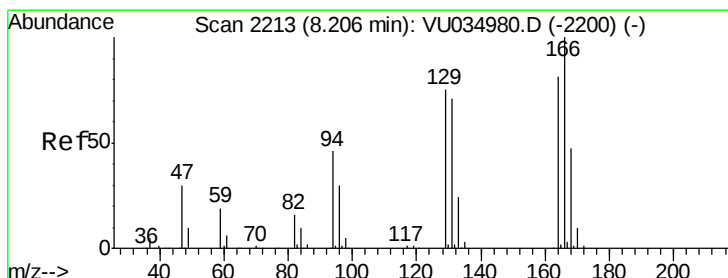
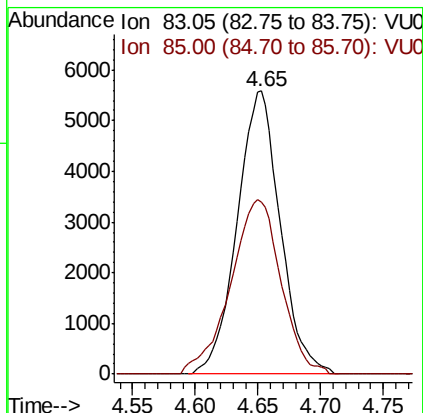
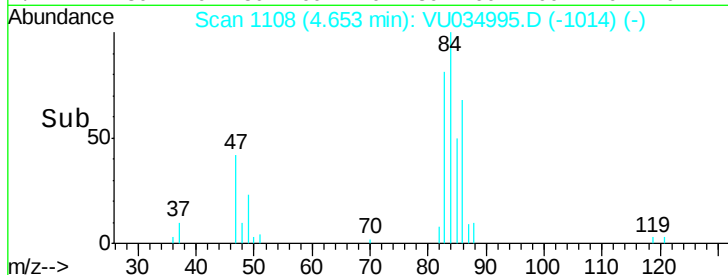
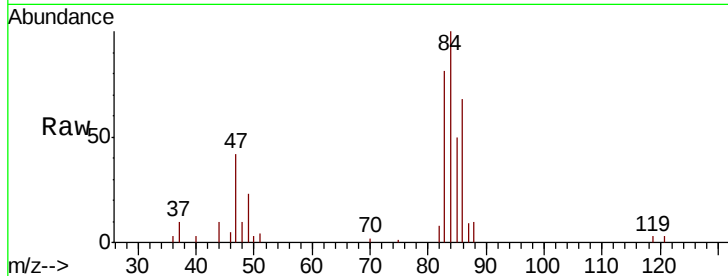




#25
Chloroform
Concen: 0.518 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
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Tot Ion: 83 Resp: 13325
Ion Ratio Lower Upper
83 100
85 60.9 45.4 84.4



#47
Tetrachloroethene
Concen: 0.132 ug/L
RT: 8.21 min Scan# 2213
Delta R.T. 0.00 min
Lab File: VU034995.D
Acq: 08 Oct 2019 17:29

Tgt Ion: 164 Resp: 1390
Ion Ratio Lower Upper
164 100
129 103.1 68.5 127.1
131 88.0 67.3 124.9
166 126.6 93.1 172.9

