

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092519\
 Data File : VU034811.D
 Acq On : 25 Sep 2019 18:47
 Operator : JC/SP
 Sample : PB123366TB
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VLEB03

Quant Time: Sep 26 07:12:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 26 06:56:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	460158	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	438961	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	190299	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	199577	42.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.74%
7) Chloroethane-d5	1.67	69	176846	48.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.14%
11) 1,1-Dichloroethene-d2	2.26	63	268227	33.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.24%
21) 2-Butanone-d5	4.15	46	387473	107.32	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.32%
24) Chloroform-d	4.62	84	336452	49.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.26%
26) 1,2-Dichloroethane-d4	5.28	65	234358	46.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.10%
32) Benzene-d6	5.32	84	704514	51.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.56%
36) 1,2-Dichloropropane-d6	6.31	67	249426	52.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.90%
41) Toluene-d8	7.54	98	678881	52.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.90%
43) trans-1,3-Dichloropropene-	7.83	79	111546	48.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.94%
47) 2-Hexanone-d5	8.29	63	257531	107.82	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.82%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	335356	50.82	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.64%
64) 1,2-Dichlorobenzene-d4	11.84	152	229274	57.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.92%

Target Compounds

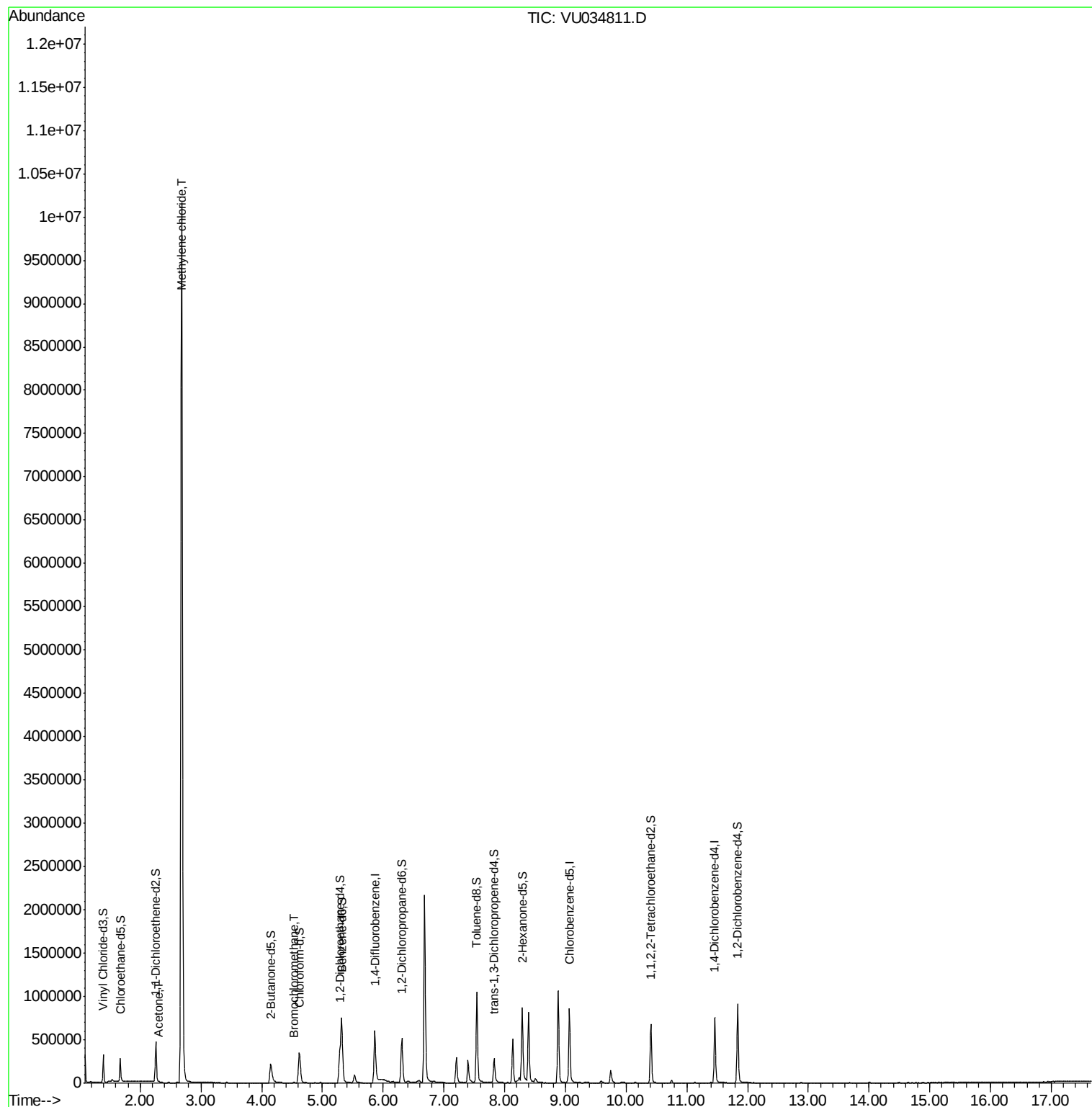
					Ovalue
13) Acetone	2.31	43	13295	3.166 ug/L	98
16) Methylene chloride	2.68	84	4030107	1056.763 ug/L	97
23) Bromochloromethane	4.53	128	1986	1.078 ug/L #	73

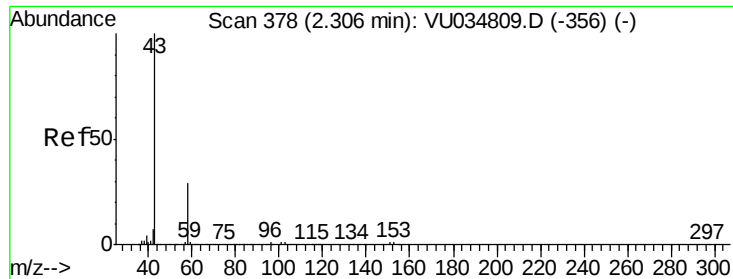
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.166 ug/L

RT: 2.31 min Scan# 378

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

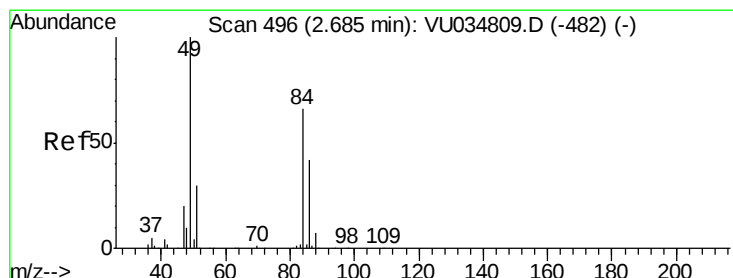
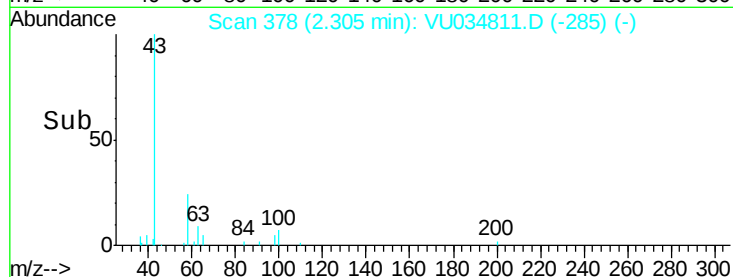
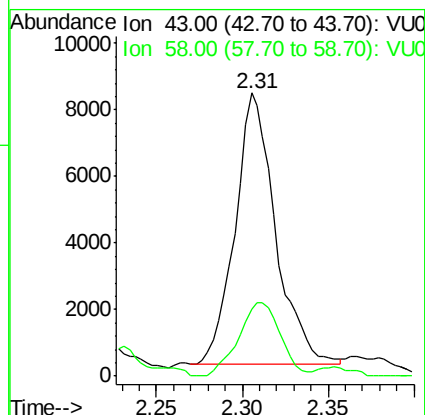
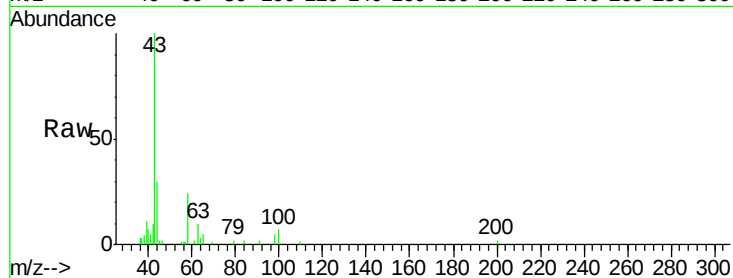
VLEB03

Tot Ion: 43 Resp: 13295

Ion Ratio Lower Upper

43 100

58 27.8 0.0 53.4



#16

Methylene chloride

Concen: 1056.763 ug/L

RT: 2.68 min Scan# 495

Delta R.T. -0.00 min

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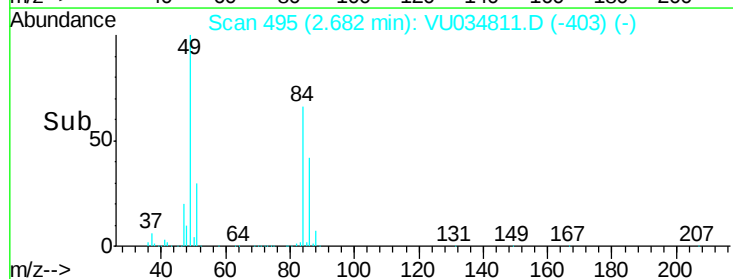
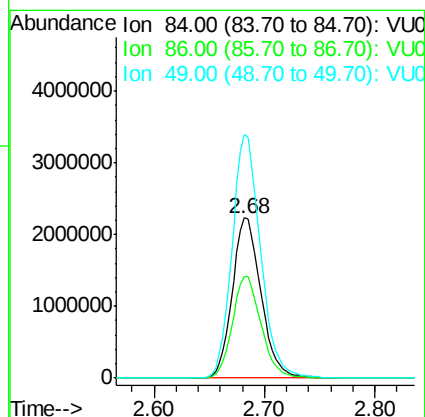
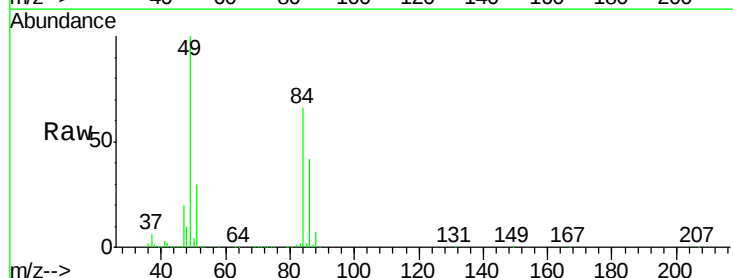
Tgt Ion: 84 Resp: 4030107

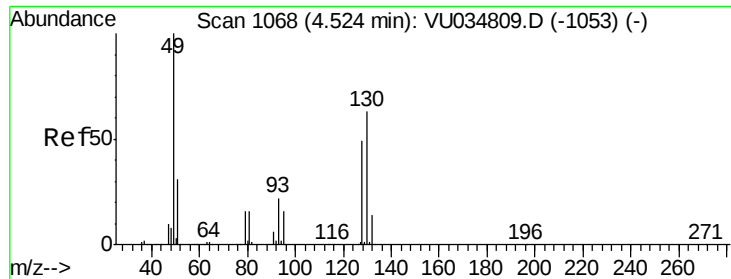
Ion Ratio Lower Upper

84 100

86 63.8 43.0 80.0

49 152.3 109.7 203.7

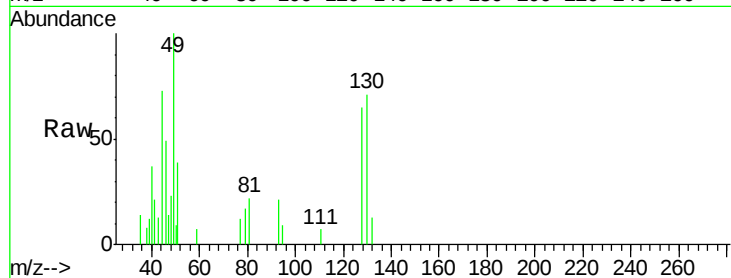




#23
 Bromochloromethane
 Concen: 1.078 ug/L
 RT: 4.53 min Scan# 1071
 Delta R.T. 0.01 min
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Tot Ion:	128	Resp:	1986
Ion	Ratio	Lower	Upper
128	100		
49	154.1	154.3	286.7#
130	108.7	83.0	154.2
51	60.1	56.4	84.6



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VU0

Ion 130.00 (129.70 to 130.70): V

Ion 51.00 (50.70 to 51.70): VU0

