

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110519\
 Data File : VU035619.D
 Acq On : 05 Nov 2019 10:48
 Operator : JC/SP
 Sample : PB124534TB
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VLEB01

Quant Time: Nov 06 03:06:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 06 03:03:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	706707	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	682733	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	211016	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	223295	39.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.24%
7) Chloroethane-d5	1.93	69	198958	43.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.30%
11) 1,1-Dichloroethene-d2	2.59	63	278523	31.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.76%
21) 2-Butanone-d5	4.69	46	300269	90.06	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.06%
24) Chloroform-d	5.11	84	395836	44.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	5.75	65	246919	45.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.46%
32) Benzene-d6	5.77	84	825491	46.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.76%
36) 1,2-Dichloropropane-d6	6.73	67	273821	47.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.90%
41) Toluene-d8	7.93	98	760752	45.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.64%
43) trans-1,3-Dichloropropene-	8.21	79	120751	45.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.84%
47) 2-Hexanone-d5	8.68	63	212186	95.93	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.93%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	361994	44.11	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.22%
64) 1,2-Dichlorobenzene-d4	12.22	152	211181	49.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.24%

Target Compounds

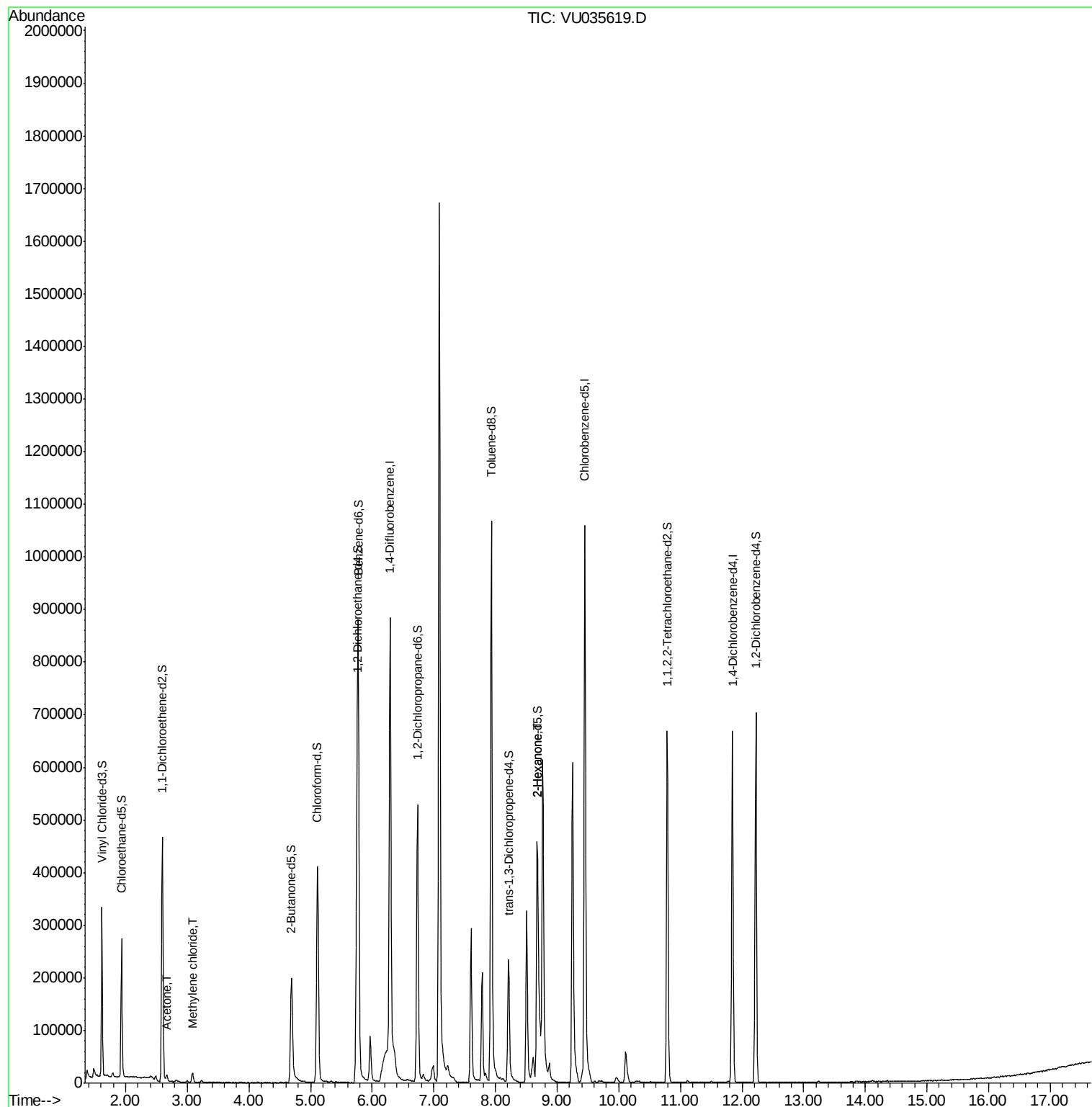
					Ovalue
13) Acetone	2.67	43	13450	4.585 ug/L	98
16) Methylene chloride	3.09	84	9564	1.816 ug/L	95
48) 2-Hexanone	8.67	43	89389	15.991 ug/L #	42

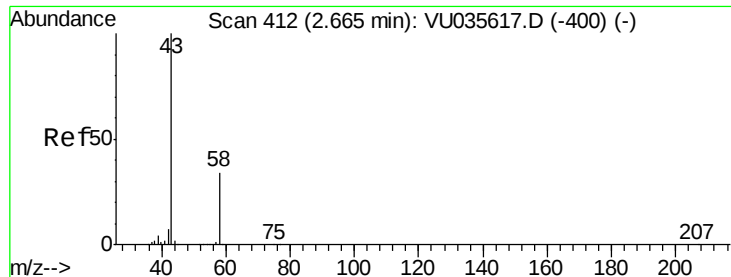
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.585 ug/L

RT: 2.67 min Scan# 413

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

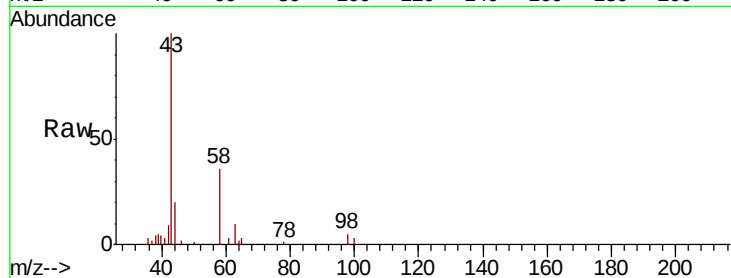
VLEB01

Tot Ion: 43 Resp: 13450

Ion Ratio Lower Upper

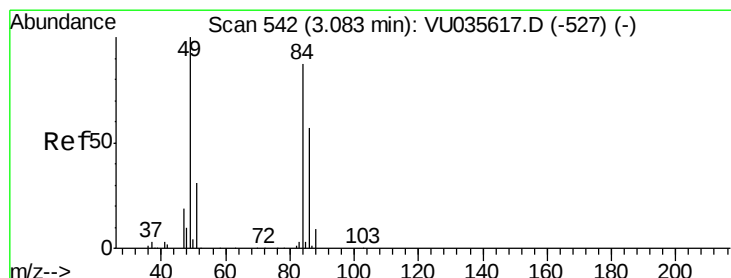
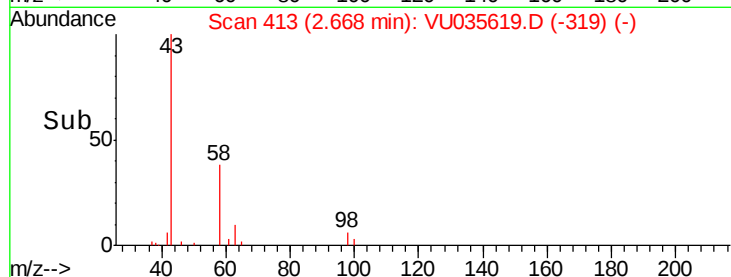
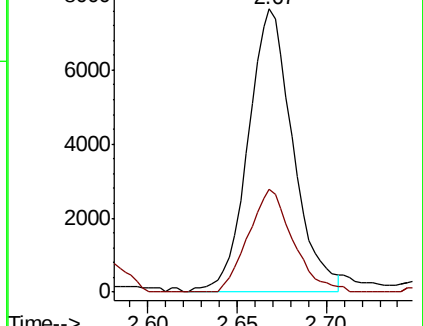
43 100

58 36.2 0.0 70.0



Abundance Ion 43.00 (42.70 to 43.70): VU035619.D (-413) (-)

Ion 58.00 (57.70 to 58.70): VU035619.D (-413) (-)



#16

Methylene chloride

Concen: 1.816 ug/L

RT: 3.09 min Scan# 543

Delta R.T. 0.00 min

Lab File: VU035619.D

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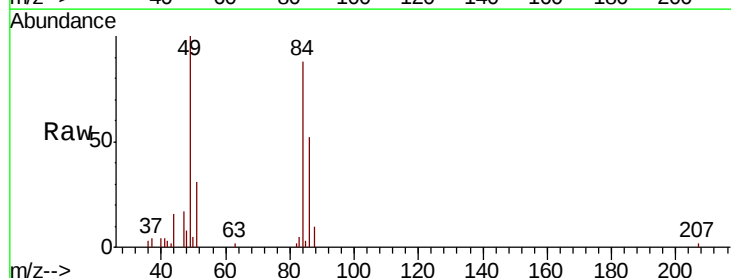
Tgt Ion: 84 Resp: 9564

Ion Ratio Lower Upper

84 100

86 59.1 45.1 83.7

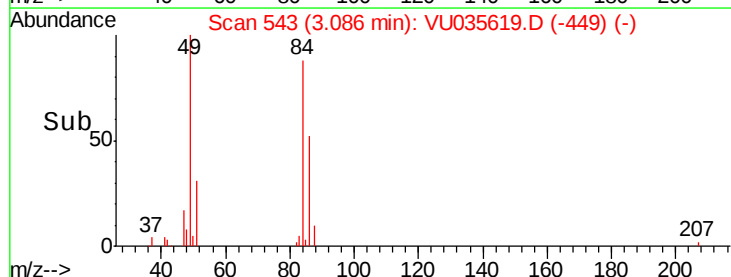
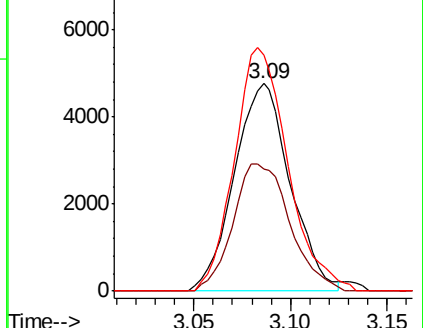
49 113.8 82.7 153.5

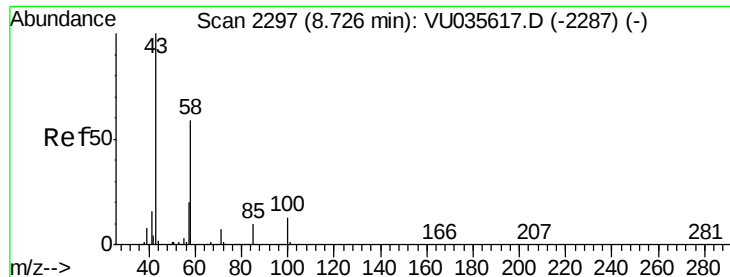


Abundance Ion 84.00 (83.70 to 84.70): VU035619.D (-543) (-)

Ion 86.00 (85.70 to 86.70): VU035619.D (-543) (-)

Ion 49.00 (48.70 to 49.70): VU035619.D (-543) (-)





#48
 2-Hexanone
 Concen: 15.991 ug/L
 RT: 8.67 min Scan# 2281
 Delta R.T. -0.05 min
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Tot Ion	Ratio	Lower	Upper
43	100		
58	5.9	50.4	75.6#
57	7.4	17.4	26.0#
100	0.0	10.5	15.7#

