

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102418\
 Data File : VW006322.D
 Acq On : 24 Oct 2018 16:26
 Operator : SY/AP
 Sample : J5635-15
 Misc : 5.36G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A40J8

Quant Time: Oct 25 08:27:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 25 07:32:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	318694	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	280451	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	113717	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	71462	19.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.52%
7) Chloroethane-d5	2.90	69	70789	22.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.52%
10) 1,1-Dichloroethene-d2	4.01	63	115017	16.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.64%
20) 2-Butanone-d5	7.09	46	59620	50.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.08%
24) Chloroform-d	7.65	84	174519	25.28	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.12%
26) 1,2-Dichloroethane-d4	8.31	65	101905	26.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.72%
29) Benzene-d6	8.28	84	340002	26.70	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.80%
33) 1,2-Dichloropropane-d6	9.28	67	103530	26.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.76%
37) Toluene-d8	10.33	98	321407	25.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.96%
38) trans-1,3-Dichloropropene-	10.58	79	39956	21.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.60%
39) 2-Hexanone-d5	10.93	63	47548	51.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.42%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	97403	26.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.28%
61) 1,2-Dichlorobenzene-d4	13.86	152	101589	26.06	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.24%

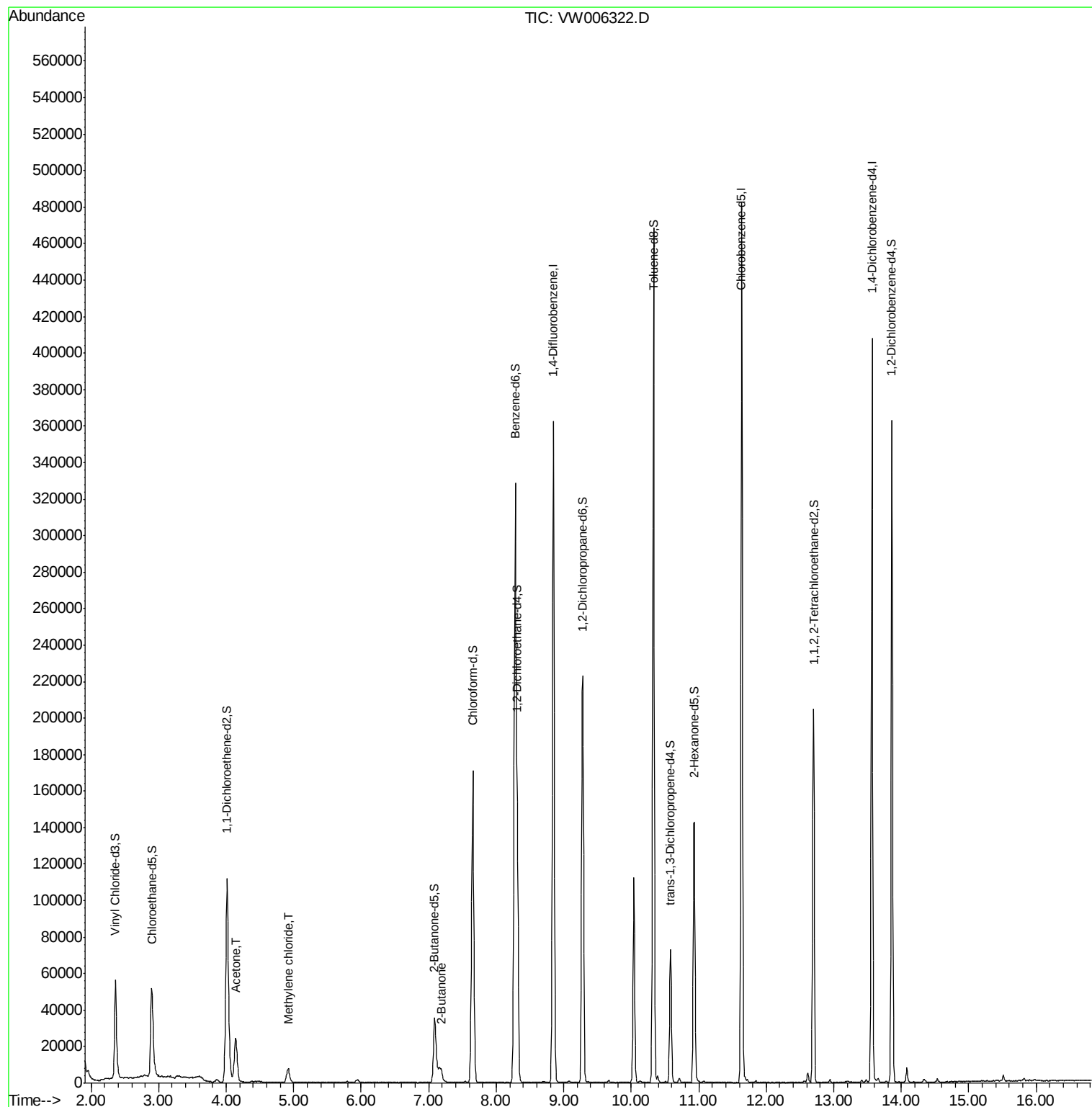
Target Compounds					Ovalue
13) Acetone	4.14	43	44893	37.300 ug/L	99
16) Methylene chloride	4.92	84	6214	1.510 ug/L	85
21) 2-Butanone	7.18	43	9178	5.739 ug/L	100

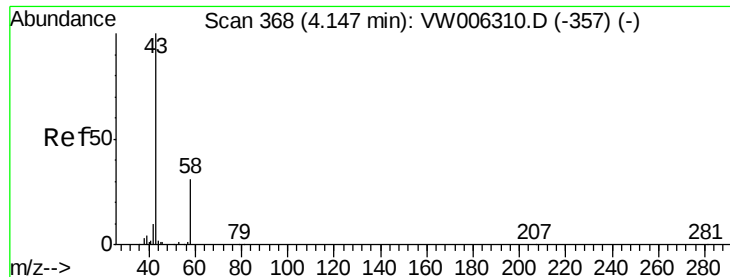
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 37.300 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW006322.D

Acq: 24 Oct 2018 16:26

Instrument :

MSVOA_W

ClientSampled :

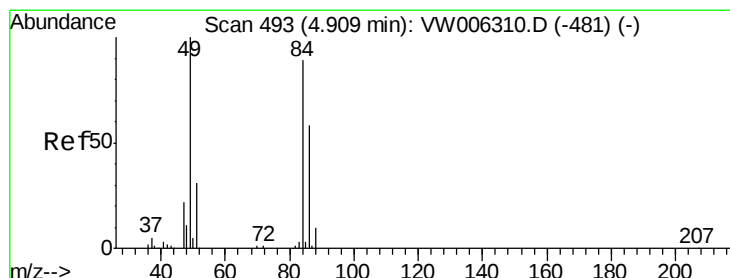
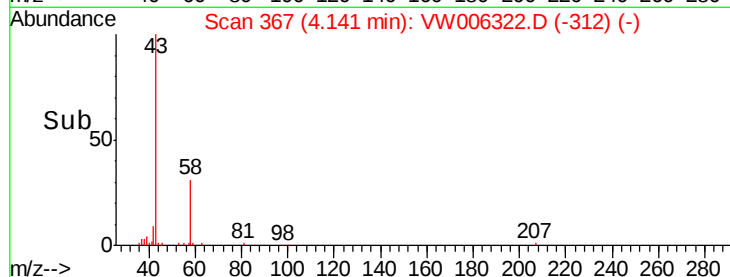
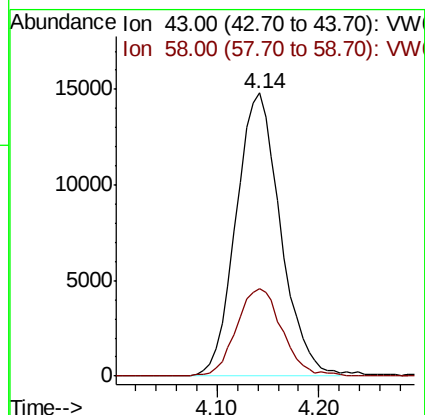
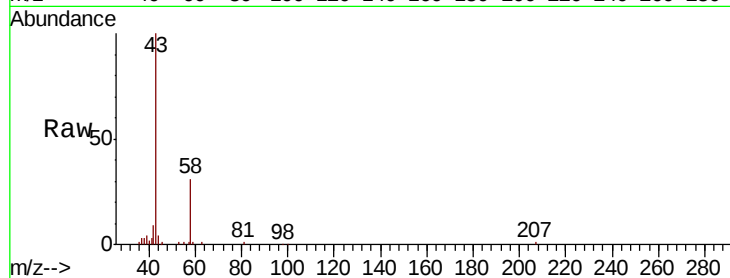
A40J8

Tot Ion: 43 Resp: 44893

Ion Ratio Lower Upper

43 100

58 31.2 0.0 61.2



#16

Methylene chloride

Concen: 1.510 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

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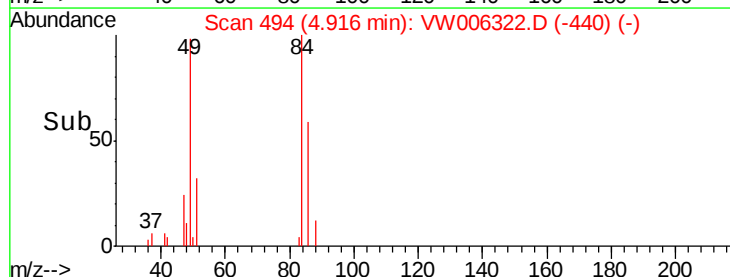
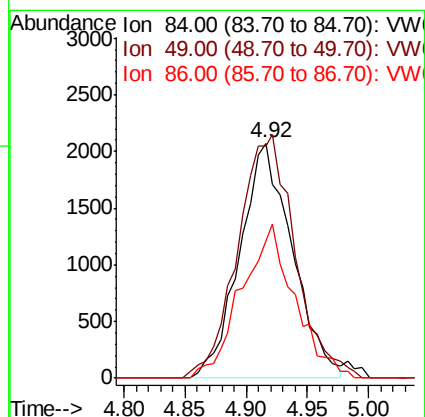
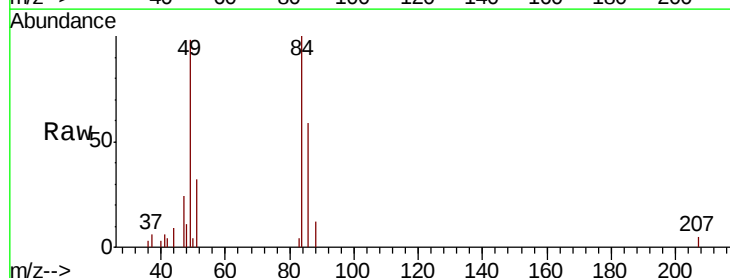
Tgt Ion: 84 Resp: 6214

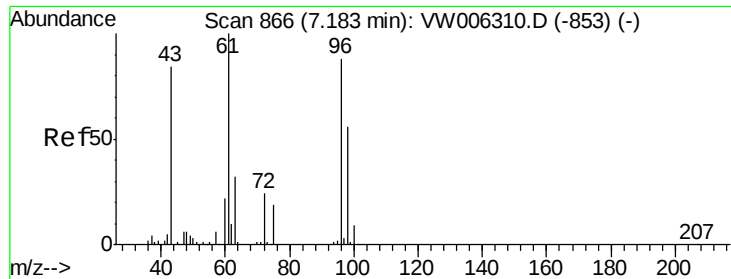
Ion Ratio Lower Upper

84 100

49 98.5 83.5 155.1

86 58.7 44.9 83.5





#21
 2-Butanone
 Concen: 5.739 ug/L
 RT: 7.18 min Scan# 866
 Delta R.T. 0.01 min
 Lab File: VW006322.D
 Acq: 24 Oct 2018 16:26

Instrument :
 MSVOA_W
 ClientSampleId :
 A40J8

Tot Ion: 43 Resp: 9178
 Ion Ratio Lower Upper
 43 100
 72 27.5 13.8 41.4

