

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100118\
 Data File : VW005734.D
 Acq On : 01 Oct 2018 14:44
 Operator : SY/AP
 Sample : J5180-03
 Misc : 4.26G/105ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 02 05:45:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 02 05:44:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	227892	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	219647	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	99380	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	43015	14.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.24%
7) Chloroethane-d5	2.89	69	38366	16.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.72%
10) 1,1-Dichloroethene-d2	4.01	63	79437	12.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.08%
20) 2-Butanone-d5	7.09	46	49880	53.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.96%
24) Chloroform-d	7.65	84	130087	22.22	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.88%
26) 1,2-Dichloroethane-d4	8.31	65	84832	23.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.68%
29) Benzene-d6	8.28	84	225684	20.76	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.04%
33) 1,2-Dichloropropane-d6	9.28	67	71186	22.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.60%
37) Toluene-d8	10.33	98	205521	19.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.60%
38) trans-1,3-Dichloropropene-	10.58	79	34199	20.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.88%
39) 2-Hexanone-d5	10.93	63	36942	50.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.40%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	75837	24.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.36%
61) 1,2-Dichlorobenzene-d4	13.86	152	82047	23.33	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.32%

Target Compounds

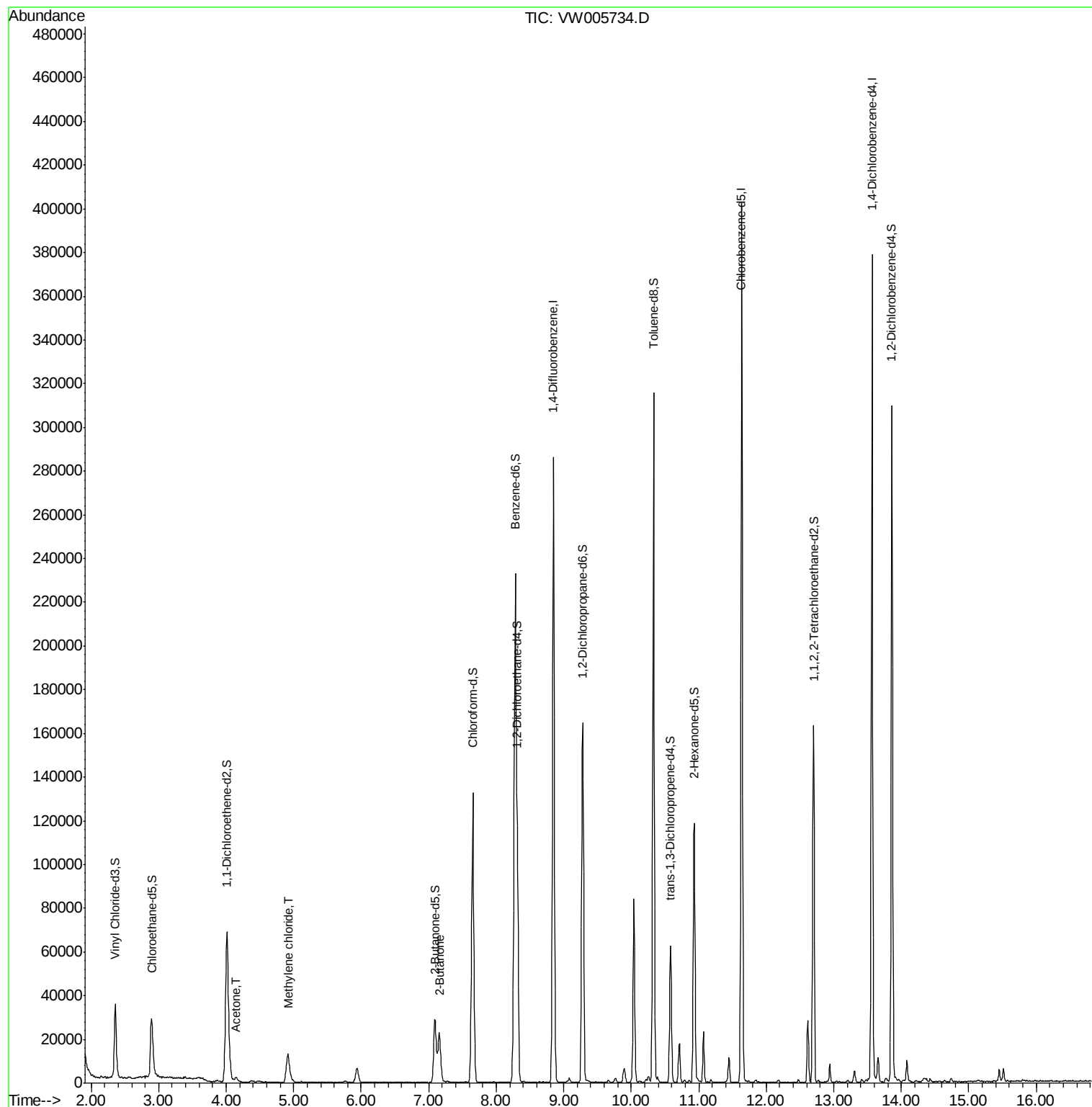
					Ovalue
13) Acetone	4.14	43	2864	2.949 ug/L	96
16) Methylene chloride	4.91	84	11336	3.017 ug/L	98
21) 2-Butanone	7.17	43	661	0.568 ug/L	89

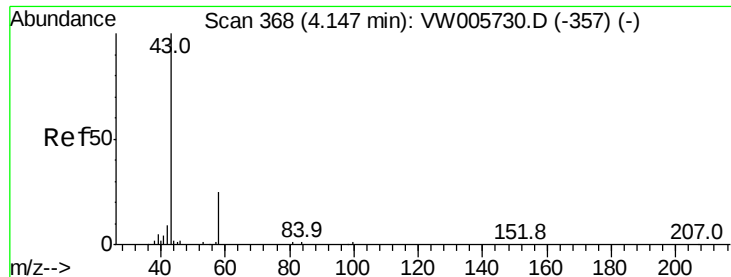
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.949 ug/L

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

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Instrument :

MSVOA_W

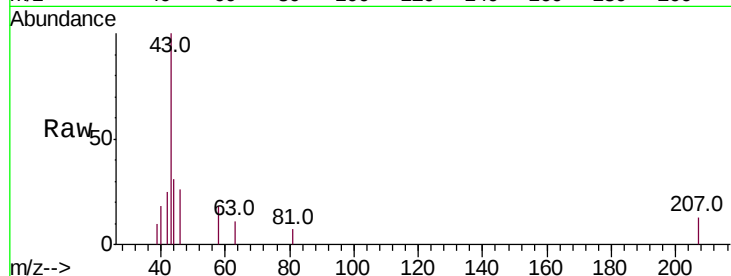
ClientSampleId :

Tot Ion: 43 Resp: 2864

Ion Ratio Lower Upper

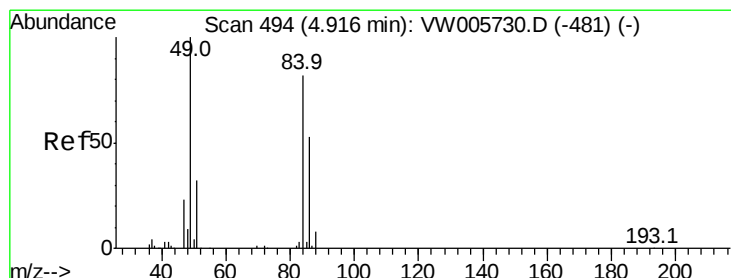
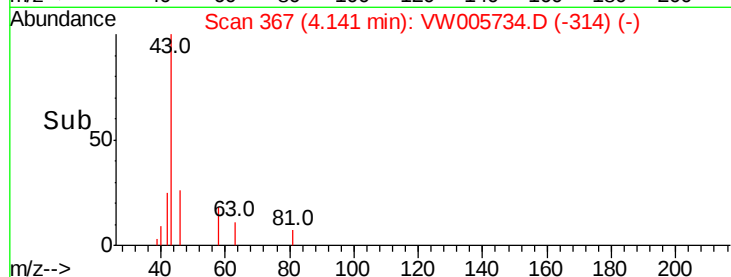
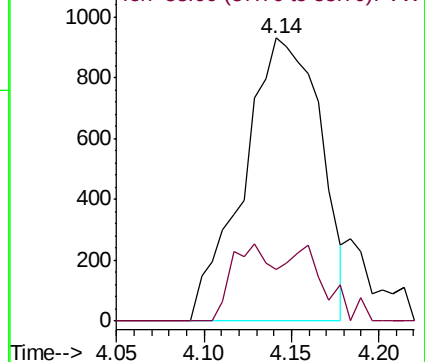
43 100

58 14.4 0.0 31.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 3.017 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

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Acq: 01 Oct 2018 14:44

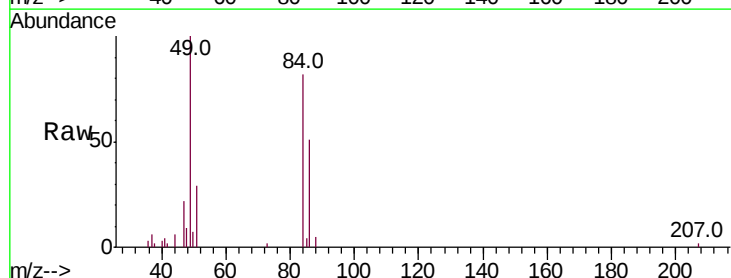
Tgt Ion: 84 Resp: 11336

Ion Ratio Lower Upper

84 100

49 122.2 87.2 162.0

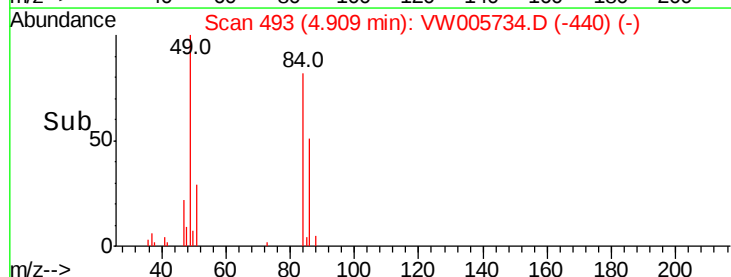
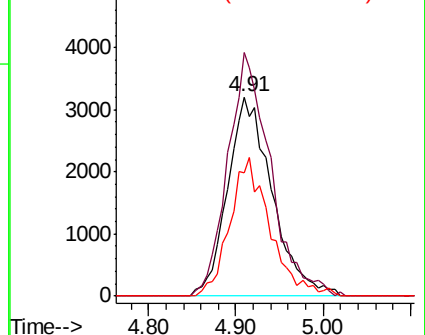
86 62.0 43.2 80.2

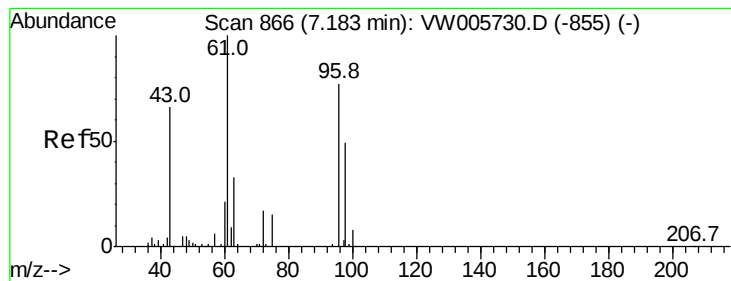


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#21

2-Butanone

Concen: 0.568 ug/L

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW005734.D

Acq: 01 Oct 2018 14:44

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 661

Ion Ratio Lower Upper

43 100

72 20.7 13.2 39.6

