

Data File : VW009301.D
Acq On : 20 Mar 2019 22:42
Operator : SY/VA
Sample : K1988-01
Misc : 5.56G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF1H4

Quant Time: Mar 21 12:23:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 21 12:20:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	376680	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	338601	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	120969	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	116991	25.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.96%
7) Chloroethane-d5	2.89	69	111690	21.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.84%
10) 1,1-Dichloroethene-d2	4.01	63	180145	18.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.08%
20) 2-Butanone-d5	7.08	46	50638	27.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	54.40%
24) Chloroform-d	7.65	84	257085	25.01	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.04%
26) 1,2-Dichloroethane-d4	8.31	65	155768	25.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.60%
29) Benzene-d6	8.27	84	470530	25.20	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.80%
33) 1,2-Dichloropropane-d6	9.27	67	146301	26.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.36%
37) Toluene-d8	10.32	98	411928	23.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.44%
38) trans-1,3-Dichloropropene-	10.58	79	54170	19.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.92%
39) 2-Hexanone-d5	10.93	63	40155	29.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.12%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	131445	23.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.20%
61) 1,2-Dichlorobenzene-d4	13.86	152	117845	25.41	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.64%

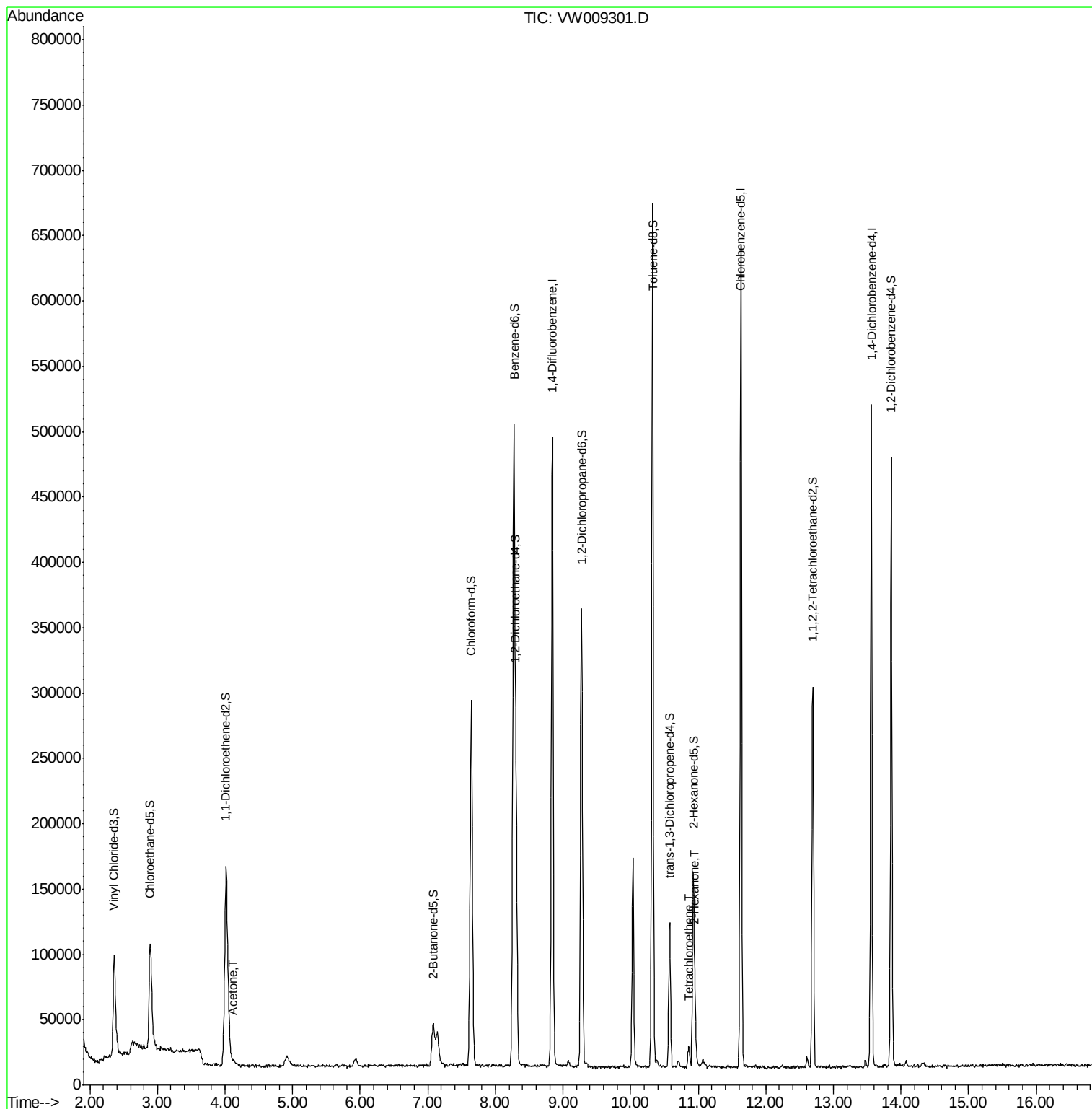
Target Compounds					Qvalue
13) Acetone	4.12	43	2508	1.643 ug/L	88
47) Tetrachloroethene	10.86	164	3355	0.804 ug/L	85
49) 2-Hexanone	10.95	43	31362	10.333 ug/L #	44

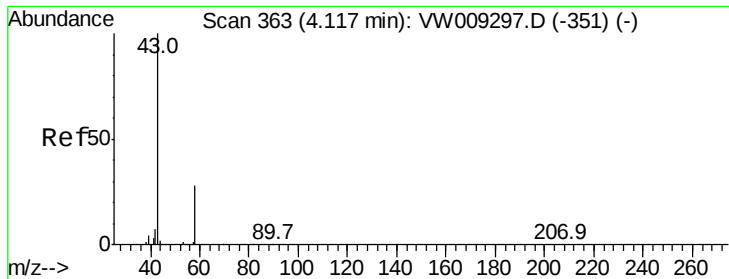
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.643 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

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MSVOA_W

ClientSampleId :

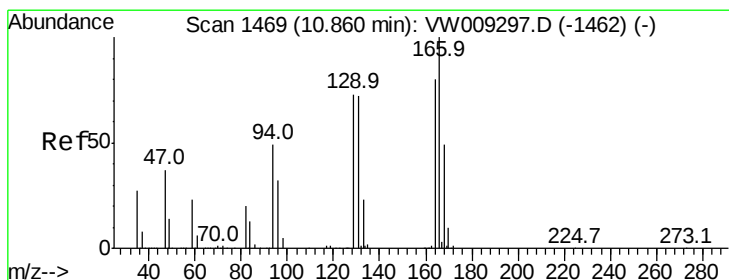
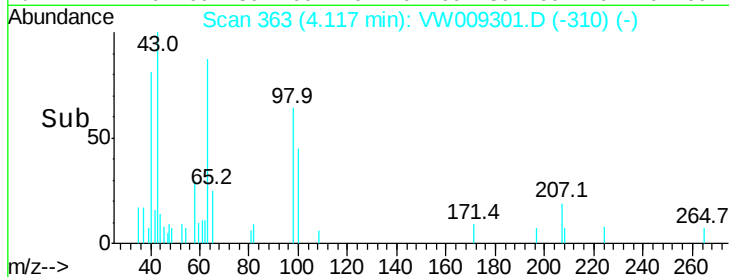
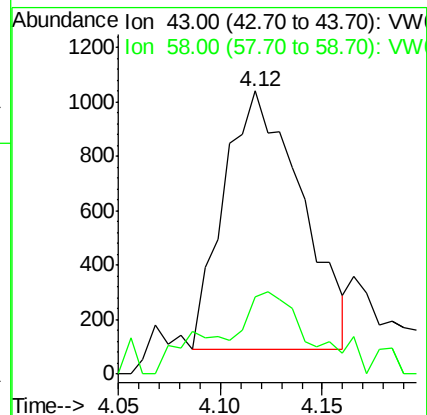
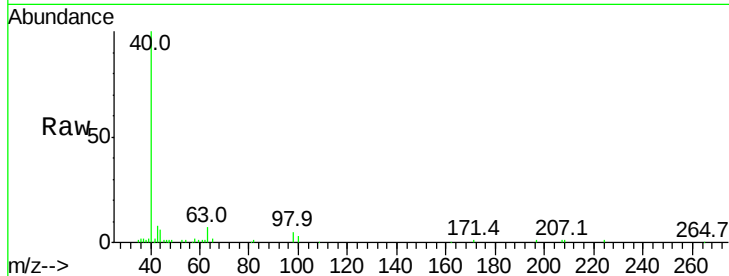
BF1H4

Tgt Ion: 43 Resp: 2508

Ion Ratio Lower Upper

43 100

58 21.7 0.0 56.2



#47

Tetrachloroethene

Concen: 0.804 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

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Tgt Ion: 164 Resp: 3355

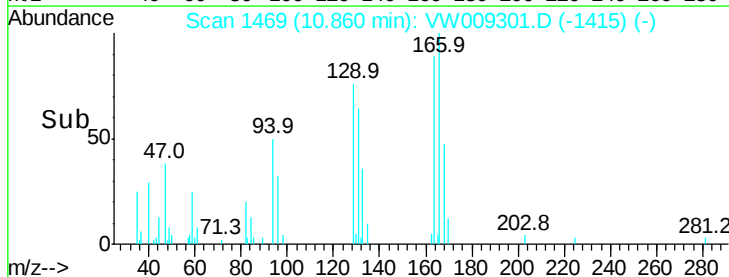
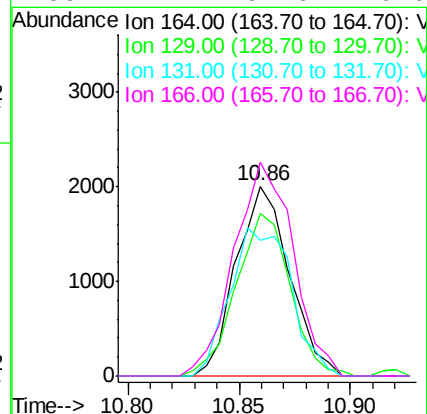
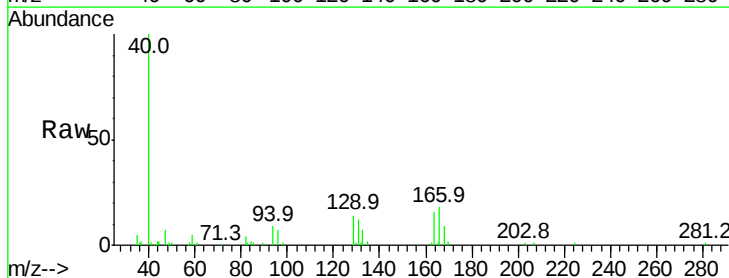
Ion Ratio Lower Upper

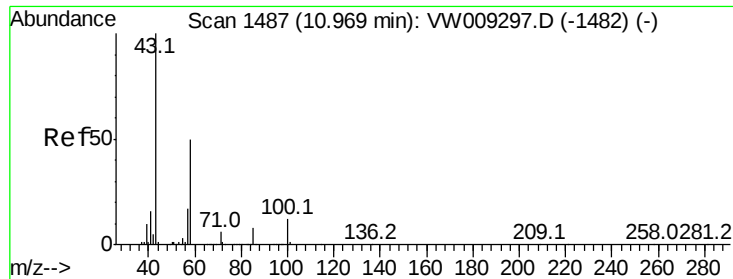
164 100

129 85.5 66.5 123.5

131 71.7 62.6 116.3

166 112.7 91.6 170.0





#49

2-Hexanone

Concen: 10.333 ug/L

RT: 10.95 min Scan# 1484

Delta R.T. -0.02 min

Lab File: VW009301.D

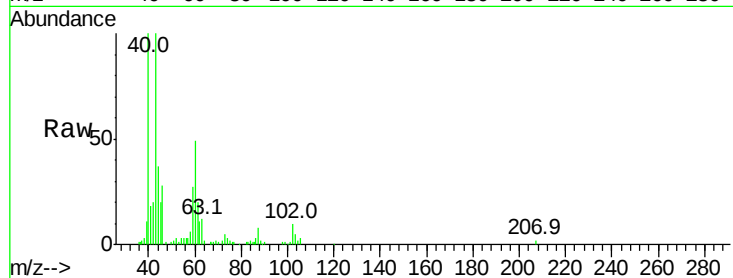
Acq: 20 Mar 2019 22:42

Instrument :

MSVOA_W

ClientSampleId :

BF1H4



Tgt Ion: 43 Resp: 31362

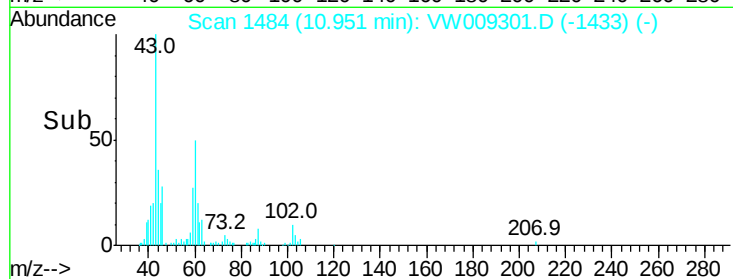
Ion Ratio Lower Upper

43 100

58 0.9 39.2 58.8#

57 2.7 14.2 21.2#

100 0.5 8.9 13.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW

