

Data File : VW009536.D
Acq On : 28 Mar 2019 14:19
Operator : SY/VA
Sample : K2084-04
Misc : 4.16G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF7W6

Quant Time: Mar 29 05:38:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	347573	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	289623	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	94699	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	147591	35.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	142.12%
7) Chloroethane-d5	2.89	69	133848	27.54	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.16%
10) 1,1-Dichloroethene-d2	4.01	63	210413	23.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.76%
20) 2-Butanone-d5	7.07	46	57740	33.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.22%
24) Chloroform-d	7.65	84	253887	26.77	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.08%
26) 1,2-Dichloroethane-d4	8.54	65	87	0.02	ug/L	0.24
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.08%#
29) Benzene-d6	8.27	84	472957	29.61	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	118.44%
33) 1,2-Dichloropropane-d6	9.27	67	143418	29.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.60%
37) Toluene-d8	10.32	98	393920	26.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.68%
38) trans-1,3-Dichloropropene-	10.58	79	47206	19.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.36%
39) 2-Hexanone-d5	10.93	63	37851	32.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.16%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	106637	22.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.28%
61) 1,2-Dichlorobenzene-d4	13.86	152	86483	23.82	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.28%

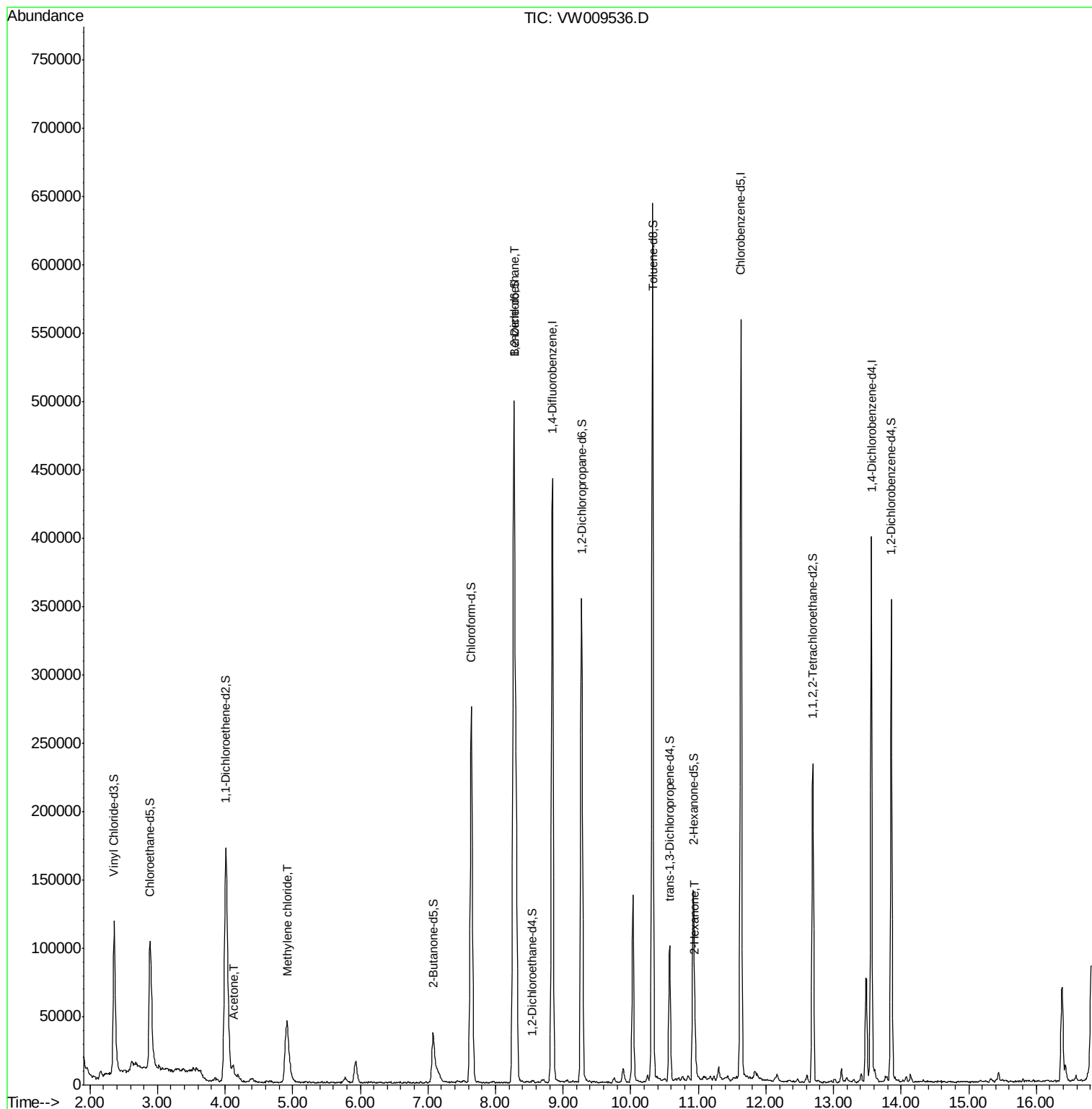
Target Compounds						Qvalue
13) Acetone	4.12	43	15043	10.679	ug/L	92
16) Methylene chloride	4.92	84	38587	7.613	ug/L	90
27) 1,2-Dichloroethane	8.27	62	3681	0.575	ug/L	97
49) 2-Hexanone	10.95	43	22338	8.604	ug/L #	42

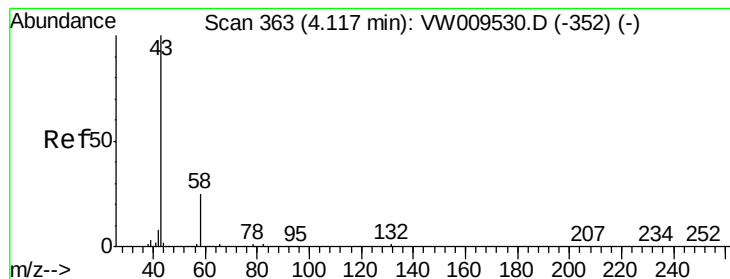
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 10.679 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

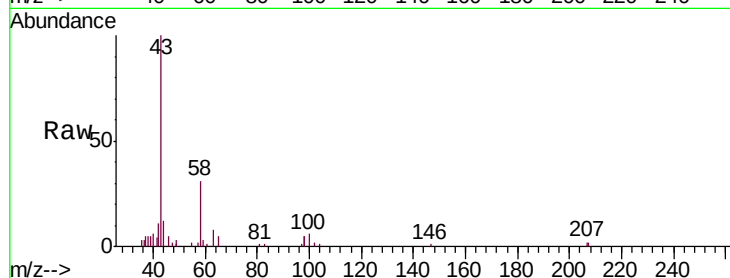
BF7W6

Tgt Ion: 43 Resp: 15043

Ion Ratio Lower Upper

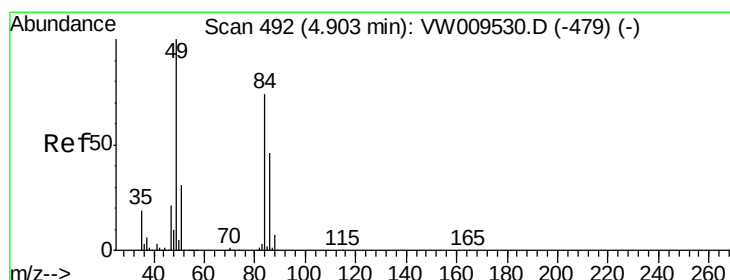
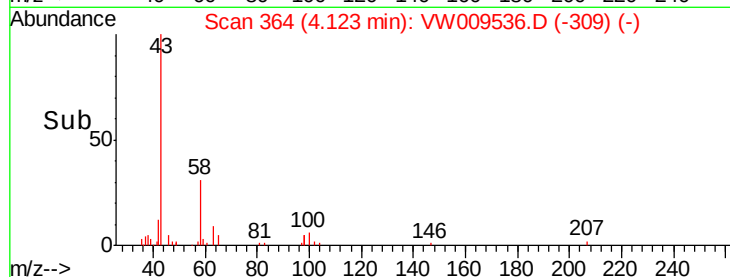
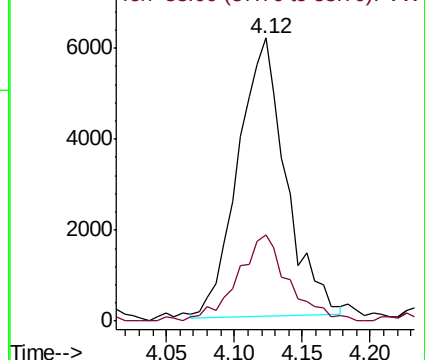
43 100

58 32.2 0.0 56.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 7.613 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

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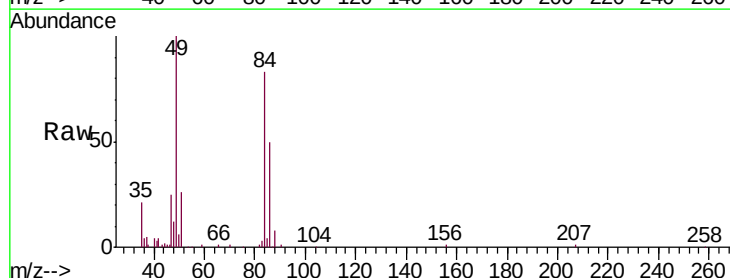
Tgt Ion: 84 Resp: 38587

Ion Ratio Lower Upper

84 100

49 121.1 96.0 178.2

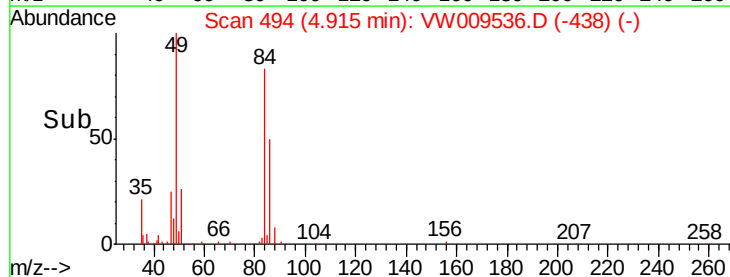
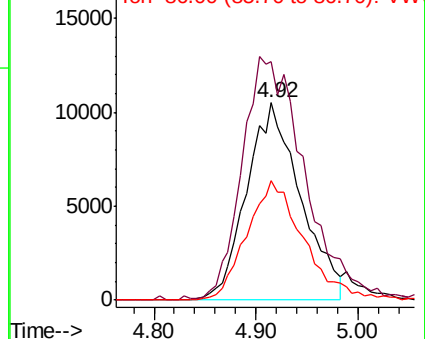
86 60.7 44.4 82.5

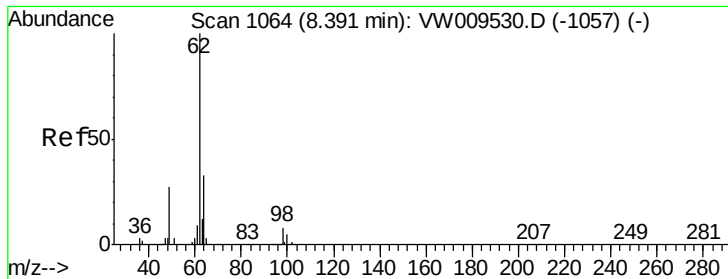


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

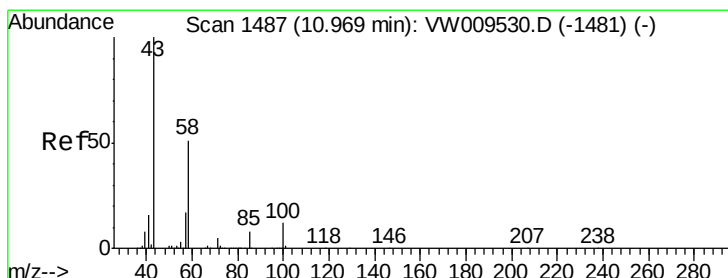
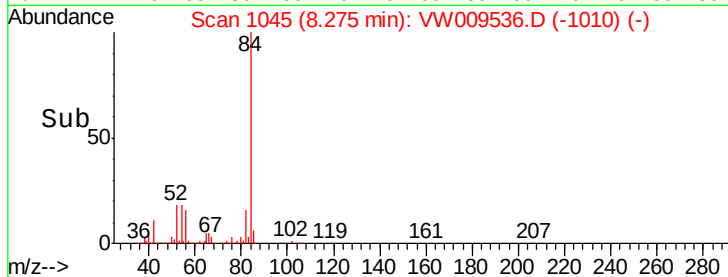
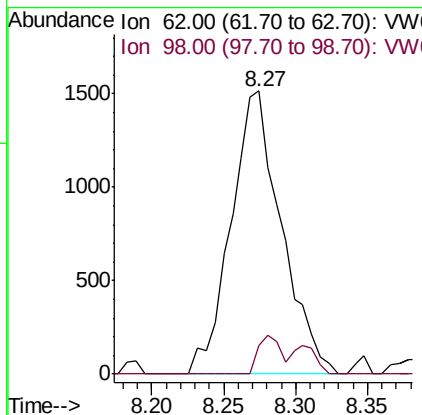
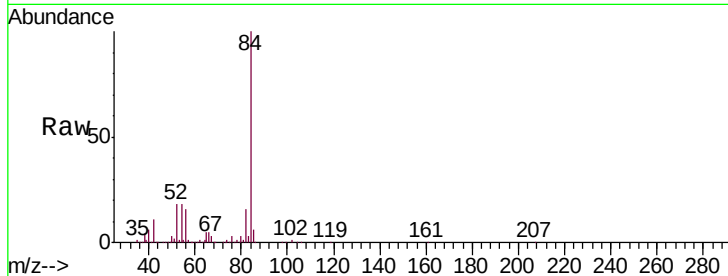




#27
 1,2-Dichloroethane
 Concen: 0.575 ug/L
 RT: 8.27 min Scan# 1045
 Delta R.T. -0.12 min
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Tgt Ion: 62 Resp: 3681
 Ion Ratio Lower Upper
 62 100
 98 10.1 7.3 10.9



#49
 2-Hexanone
 Concen: 8.604 ug/L
 RT: 10.95 min Scan# 1484
 Delta R.T. -0.02 min
 Lab File: VW009536.D
 Acq: 28 Mar 2019 14:19

Tgt Ion: 43 Resp: 22338
 Ion Ratio Lower Upper
 43 100
 58 0.0 39.2 58.8#
 57 0.0 14.2 21.2#
 100 1.0 8.9 13.3#

