

Data File : VW009547.D
Acq On : 28 Mar 2019 19:19
Operator : SY/VA
Sample : K2084-21
Misc : 2.81G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF7W3

Quant Time: Mar 29 05:40:42 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	121533	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	128176	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	49290	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	46553	32.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	128.20%
7) Chloroethane-d5	2.89	69	42728	25.14	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.56%
10) 1,1-Dichloroethene-d2	4.01	63	66691	21.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.00%
20) 2-Butanone-d5	7.08	46	31057	51.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.42%
24) Chloroform-d	7.65	84	100213	30.22	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	120.88%
26) 1,2-Dichloroethane-d4	8.31	65	71273	35.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	142.68%#
29) Benzene-d6	8.27	84	182296	25.79	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.16%
33) 1,2-Dichloropropane-d6	9.27	67	61337	28.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.56%
37) Toluene-d8	10.32	98	151164	23.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.52%
38) trans-1,3-Dichloropropene-	10.57	79	26544	24.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.56%
39) 2-Hexanone-d5	10.93	63	21272	41.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.74%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	62305	29.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	119.20%
61) 1,2-Dichlorobenzene-d4	13.86	152	55162	29.19	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	116.76%

Target Compounds

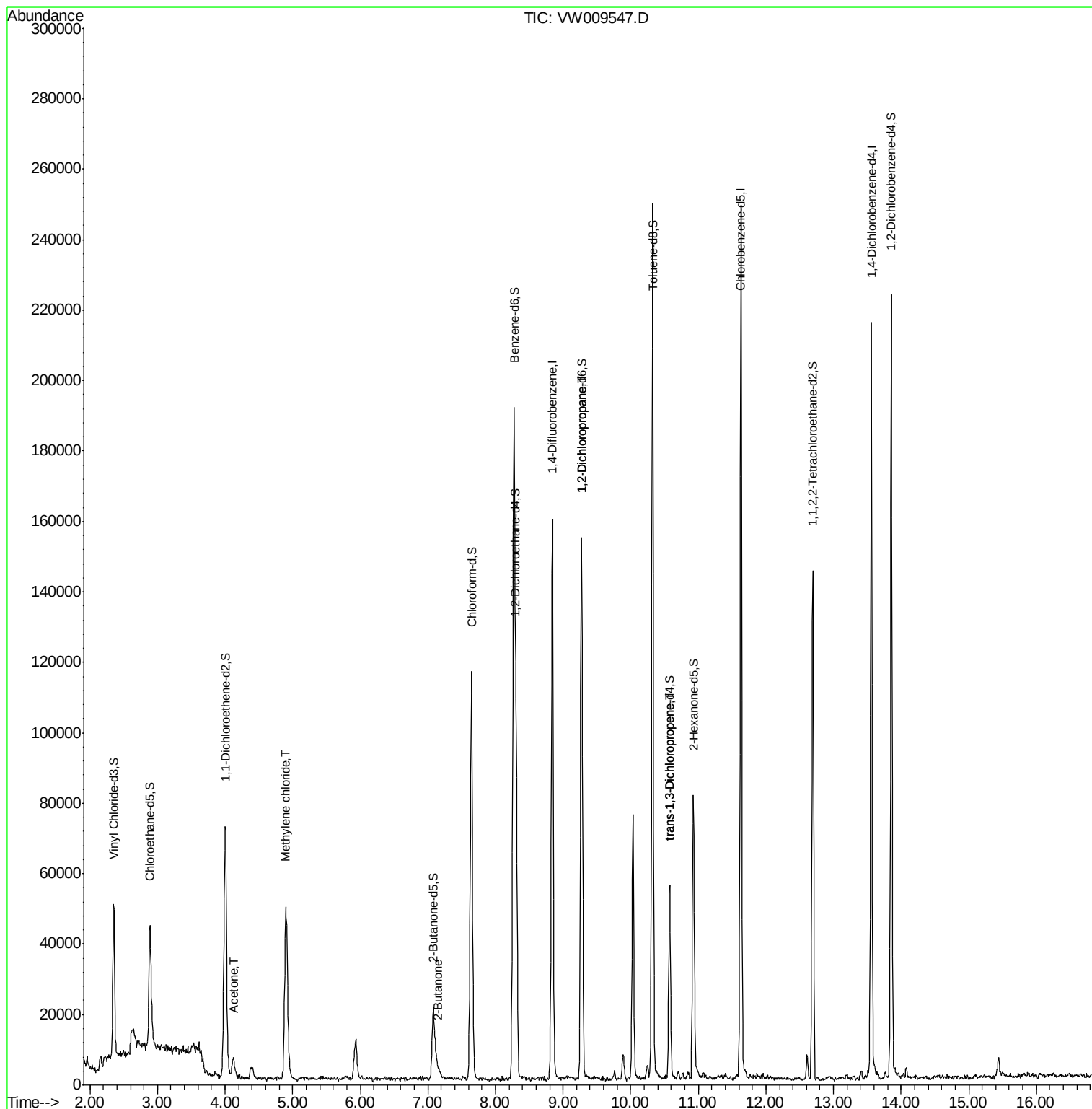
					Qvalue
13) Acetone	4.12	43	8636	17.534 ug/L	94
16) Methylene chloride	4.90	84	33070	18.660 ug/L	94
21) 2-Butanone	7.15	43	394	0.579 ug/L	99
40) 1,2-Dichloropropane	9.27	63	8414	4.674 ug/L #	87
45) trans-1,3-Dichloropropene	10.58	75	1465	0.574 ug/L	100

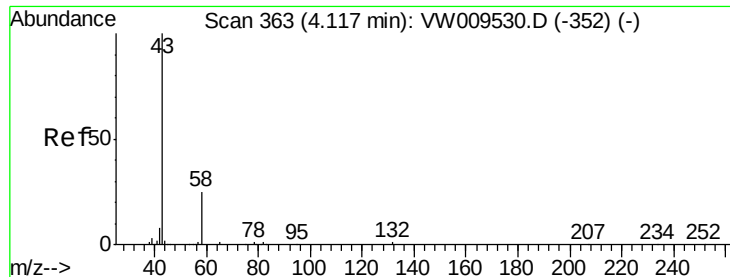
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 17.534 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampled :

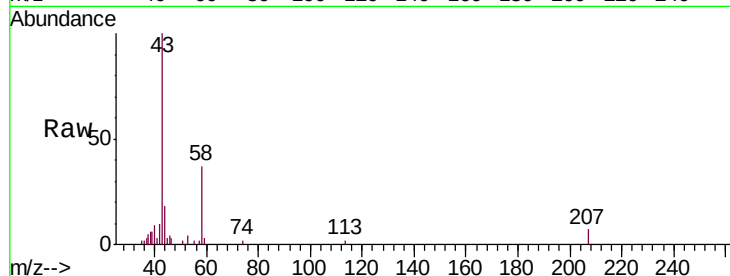
BF7W3

Tgt Ion: 43 Resp: 8636

Ion Ratio Lower Upper

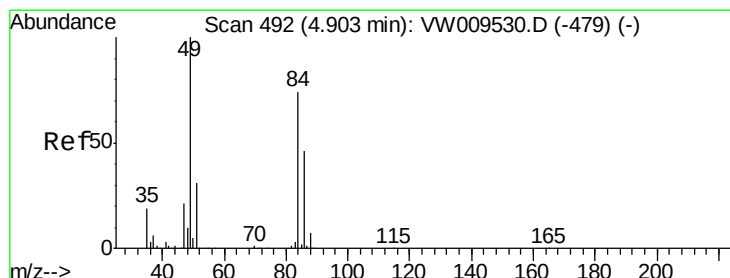
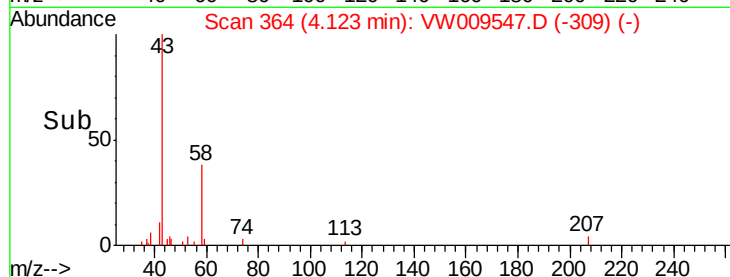
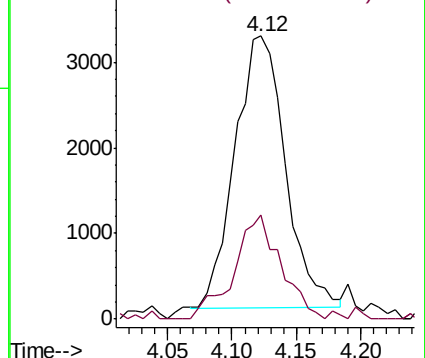
43 100

58 31.2 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: 18.660 ug/L

RT: 4.90 min Scan# 492

Delta R.T. -0.00 min

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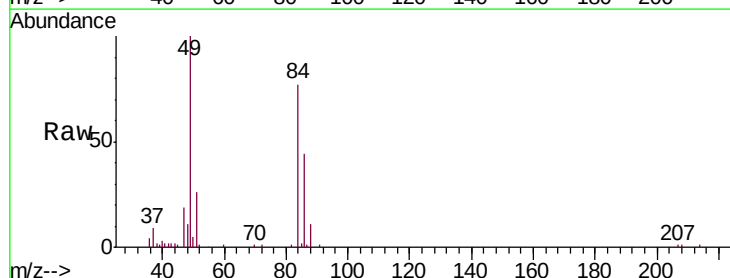
Tgt Ion: 84 Resp: 33070

Ion Ratio Lower Upper

84 100

49 129.9 96.0 178.2

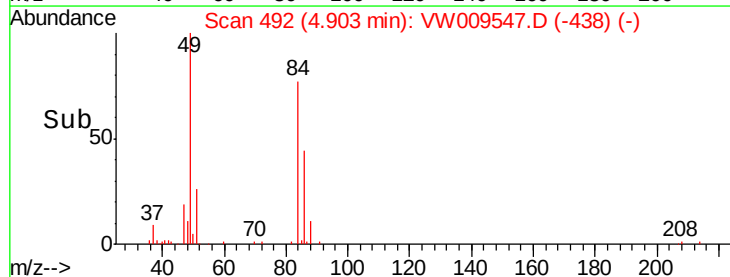
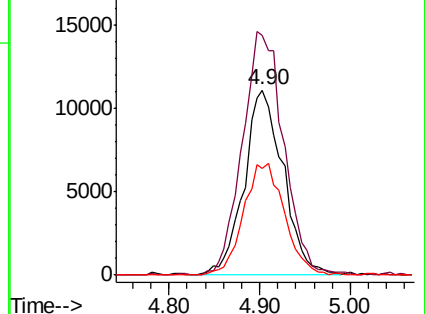
86 57.7 44.4 82.5

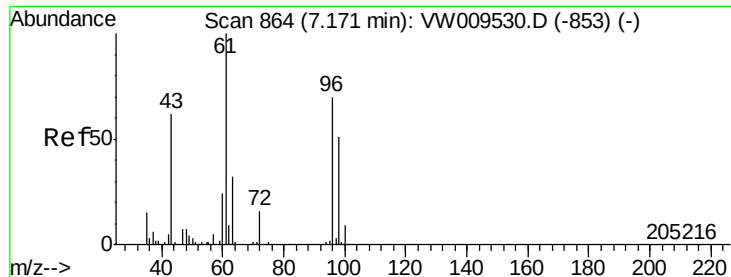


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#21

2-Butanone

Concen: 0.579 ug/L

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

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MSVOA_W

ClientSampleId :

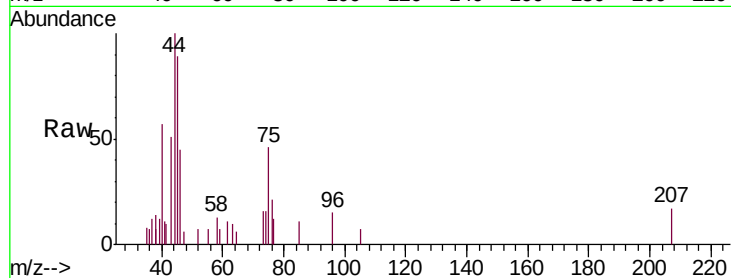
BF7W3

Tgt Ion: 43 Resp: 394

Ion Ratio Lower Upper

43 100

72 25.4 13.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

7.15

400

300

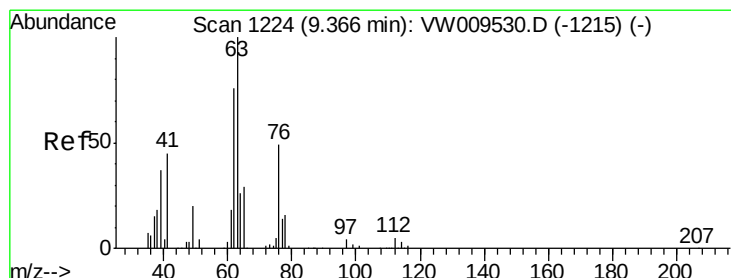
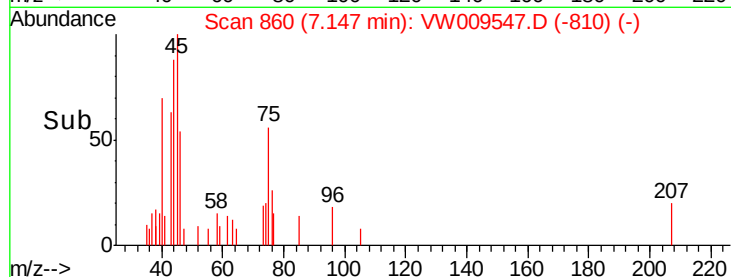
200

100

0

7.13 7.14 7.15

Time-->



#40

1,2-Dichloropropane

Concen: 4.674 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

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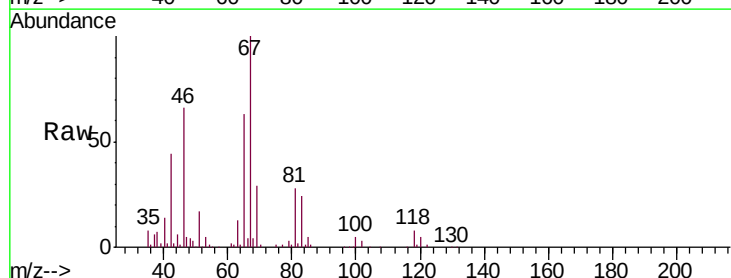
Acq: 28 Mar 2019 19:19

Tgt Ion: 63 Resp: 8414

Ion Ratio Lower Upper

63 100

112 0.6 4.0 6.0#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V

9.27

4000

3000

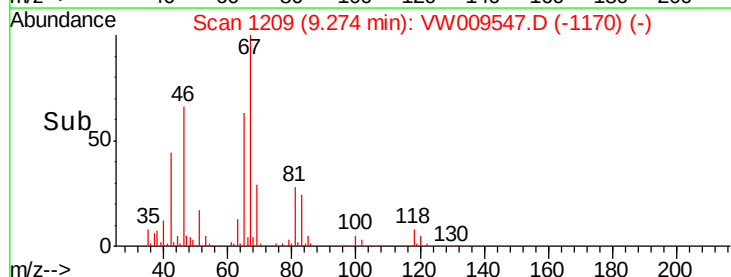
2000

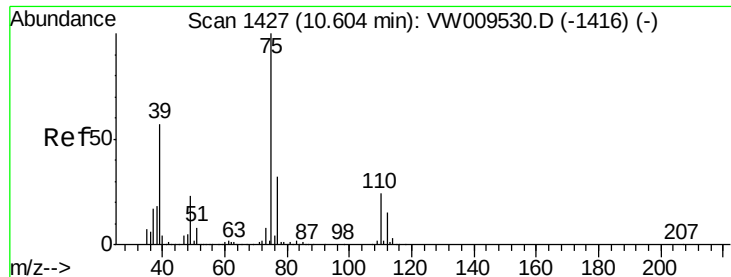
1000

0

9.20 9.25 9.30 9.35

Time-->





#45

trans-1,3-Dichloropropene

Concen: 0.574 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009547.D

Acq: 28 Mar 2019 19:19

Instrument :

MSVOA_W

ClientSampleId :

BF7W3

Tgt Ion: 75 Resp: 1465

Ion Ratio Lower Upper

75 100

77 32.0 22.5 41.7

