

Data File : VW010979.D
Acq On : 25 Jun 2019 20:48
Operator : SY/VA
Sample : K3460-07
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
YANW1

Quant Time: Jun 26 04:41:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 26 04:33:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	259237	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	246390	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	115915	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	69708	20.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.96%
7) Chloroethane-d5	2.88	69	52411	20.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.92%
10) 1,1-Dichloroethene-d2	4.01	63	119511	15.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.20%
20) 2-Butanone-d5	7.07	46	102150	64.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.46%
24) Chloroform-d	7.65	84	170073	24.33	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.32%
26) 1,2-Dichloroethane-d4	8.31	65	122428	28.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.00%
29) Benzene-d6	8.27	84	342587	23.16	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.64%
33) 1,2-Dichloropropane-d6	9.27	67	122998	25.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.64%
37) Toluene-d8	10.32	98	305405	22.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.52%
38) trans-1,3-Dichloropropene-	10.58	79	47619	22.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.04%
39) 2-Hexanone-d5	10.92	63	68342	62.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	113627	28.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.80%
61) 1,2-Dichlorobenzene-d4	13.85	152	115006	26.28	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.12%

Target Compounds

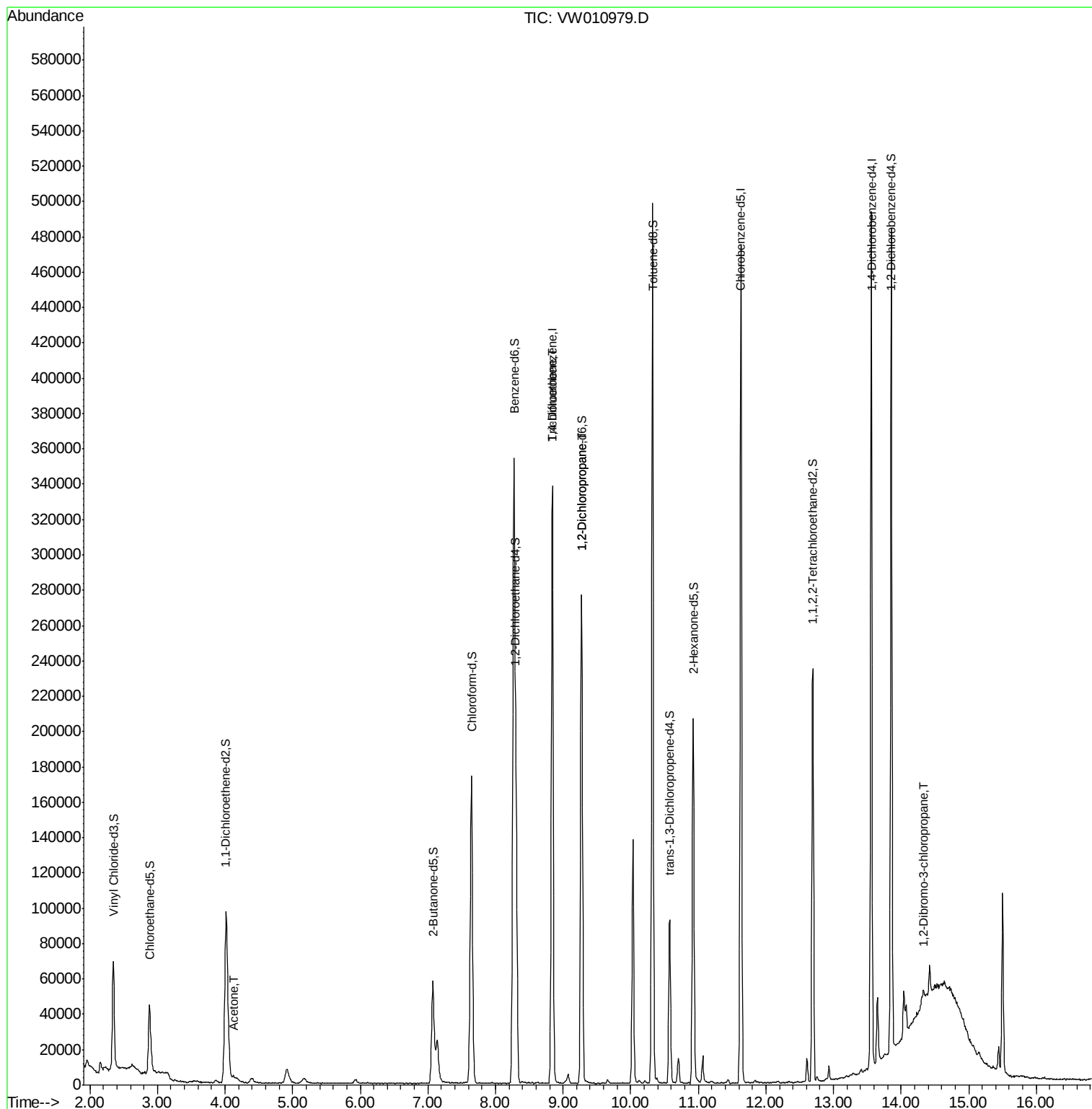
					Qvalue
13) Acetone	4.13	43	5717	3.783 ug/L	84
35) Trichloroethene	8.84	95	8569	2.087 ug/L #	7
40) 1,2-Dichloropropane	9.27	63	14170	3.180 ug/L #	88
66) 1,2-Dibromo-3-chloropropan	14.34	75	1252	1.753 ug/L #	9

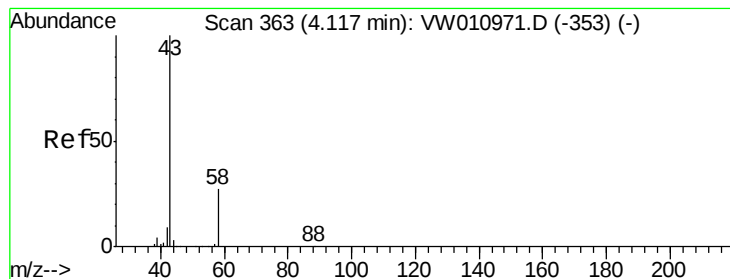
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.783 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

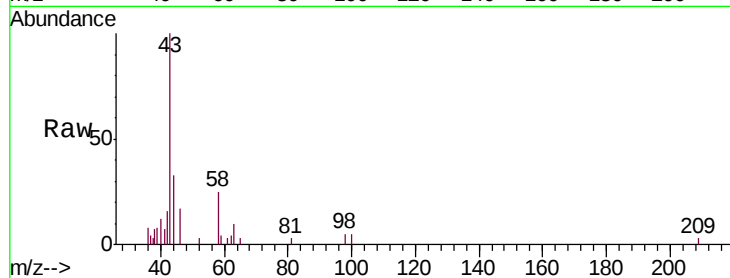
YANW1

Tgt Ion: 43 Resp: 5717

Ion Ratio Lower Upper

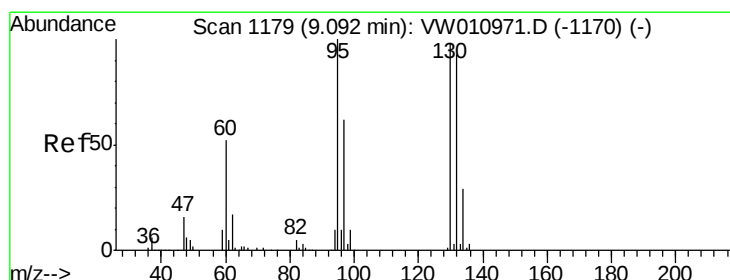
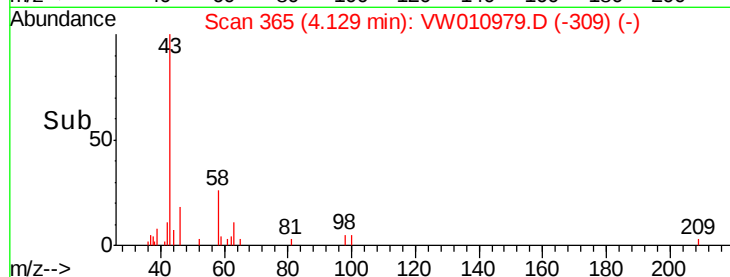
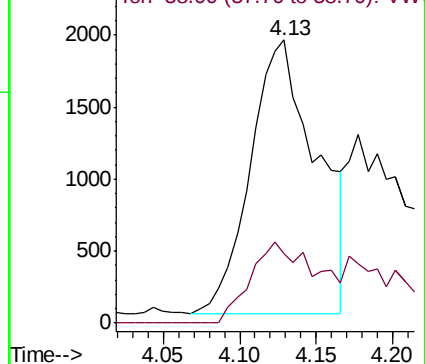
43 100

58 18.5 0.0 53.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#35

Trichloroethene

Concen: 2.087 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

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Tgt Ion: 95 Resp: 8569

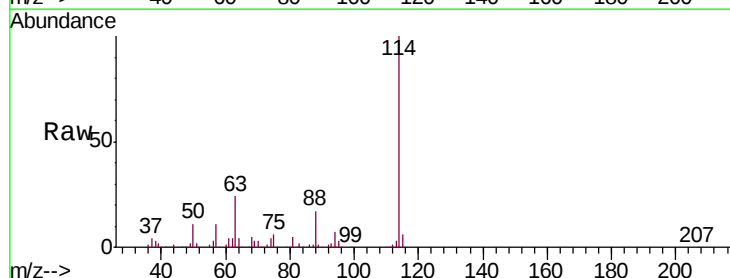
Ion Ratio Lower Upper

95 100

97 0.5 44.9 83.3#

132 0.6 64.0 119.0#

130 0.0 67.4 125.2#

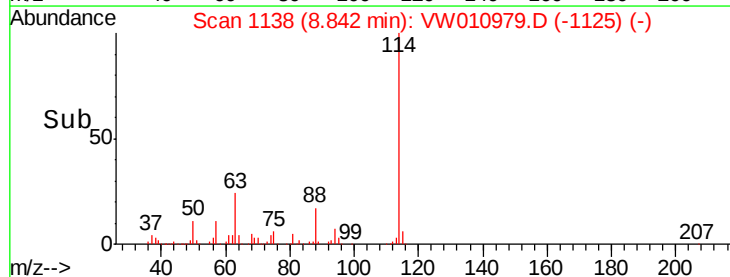
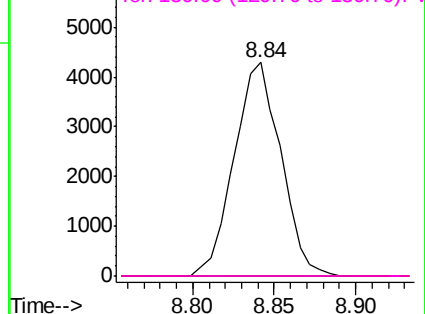


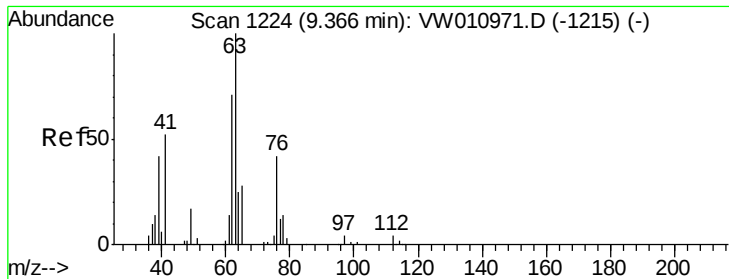
Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

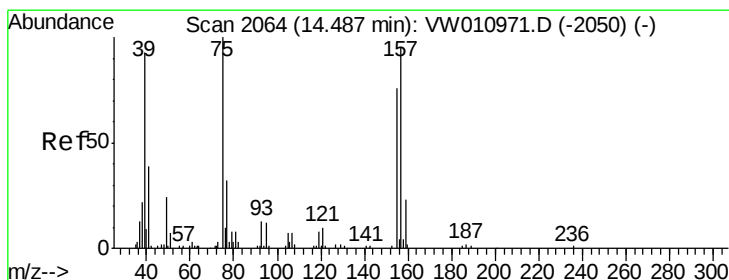
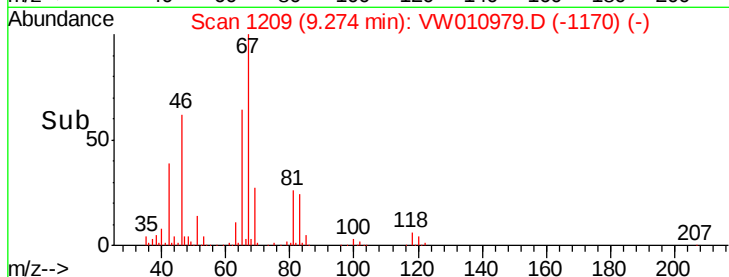
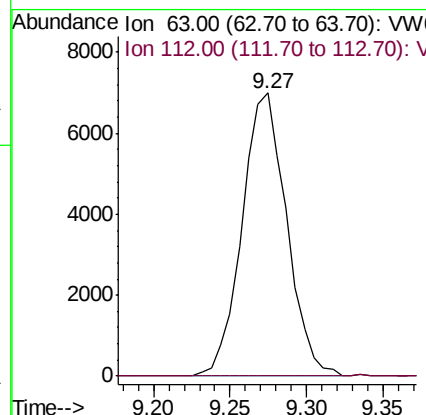
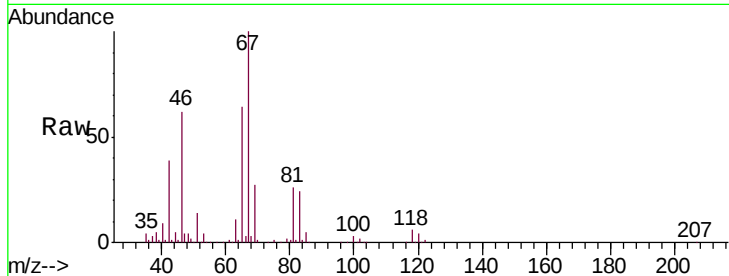




#40
 1,2-Dichloropropane
 Concen: 3.180 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.09 min
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Tgt Ion: 63 Resp: 14170
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.3 4.9#



#66
 1,2-Dibromo-3-chloropropane
 Concen: 1.753 ug/L
 RT: 14.34 min Scan# 2040
 Delta R.T. -0.15 min
 Lab File: VW010979.D
 Acq: 25 Jun 2019 20:48

Tgt Ion: 75 Resp: 1252
 Ion Ratio Lower Upper
 75 100
 157 0.0 71.8 107.8#
 155 0.0 55.2 82.8#

