

Data File : VW011910.D
Acq On : 14 Aug 2019 10:44
Operator : SY/VA
Sample : K4215-20RE
Misc : 5.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOD6RE

Quant Time: Aug 16 05:38:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 16 05:35:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	136320	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	85888	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	16823	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	38853	20.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.96%
7) Chloroethane-d5	2.89	69	33879	24.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.00%
10) 1,1-Dichloroethene-d2	4.01	63	72022	16.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.48%
20) 2-Butanone-d5	7.08	46	32840	37.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.98%
24) Chloroform-d	7.65	84	91170	24.35	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	8.31	65	52302	23.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.44%
29) Benzene-d6	8.27	84	174304	32.27	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	129.08%
33) 1,2-Dichloropropane-d6	9.27	67	59073	33.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	135.52%#
37) Toluene-d8	10.32	98	122252	25.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.00%
38) trans-1,3-Dichloropropene-	10.58	79	16602	21.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.92%
39) 2-Hexanone-d5	10.93	63	17806	43.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.44%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	34736	23.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.96%
61) 1,2-Dichlorobenzene-d4	13.86	152	15923	24.56	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.24%

Target Compounds

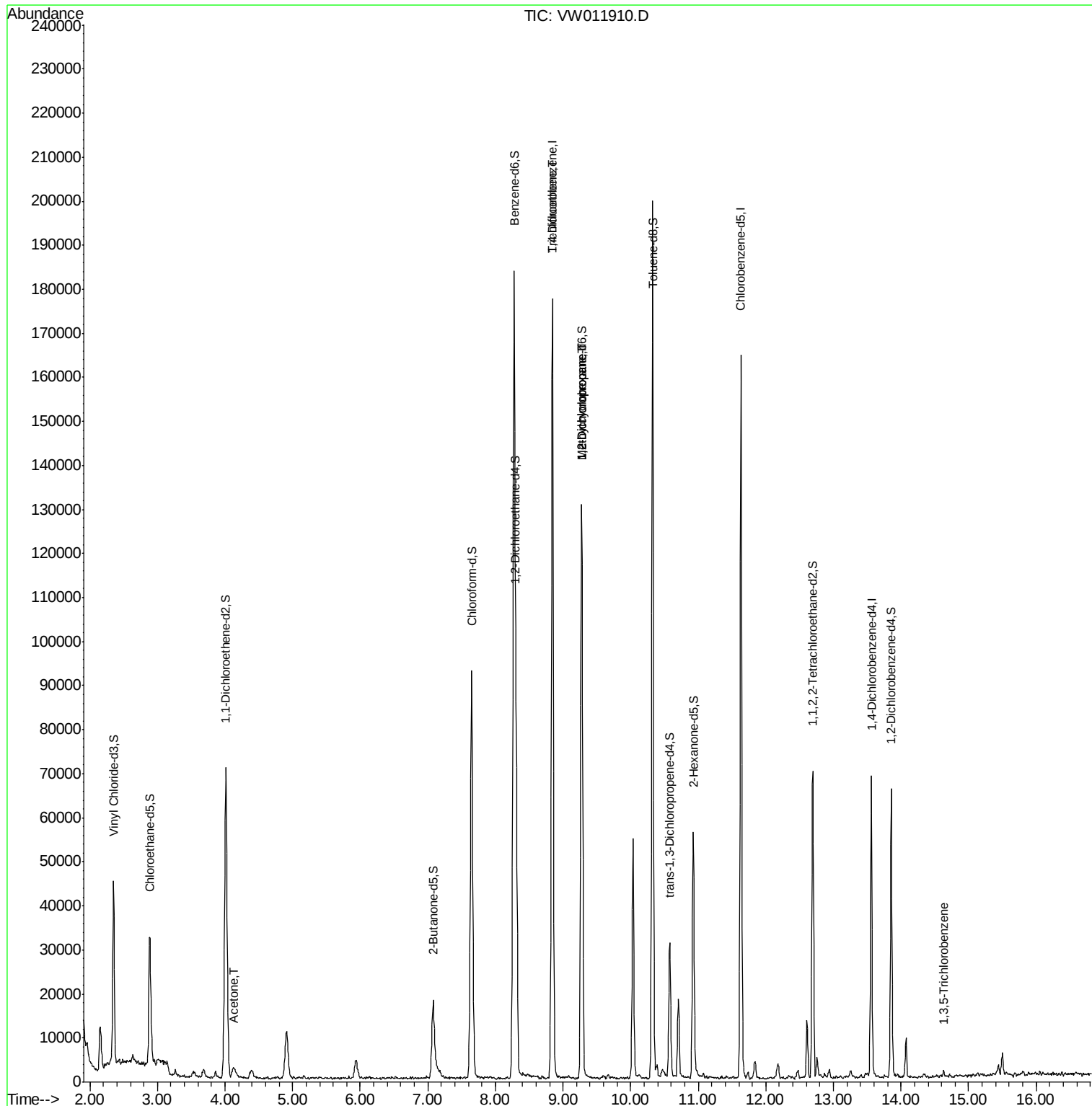
					Qvalue
13) Acetone	4.12	43	4008	4.330 ug/L	86
35) Trichloroethene	8.84	95	4500	2.945 ug/L #	6
36) Methylcyclohexane	9.27	83	13472	4.860 ug/L #	14
40) 1,2-Dichloropropane	9.27	63	6821	4.246 ug/L #	88
67) 1,3,5-Trichlorobenzene	14.63	180	522	0.621 ug/L #	72

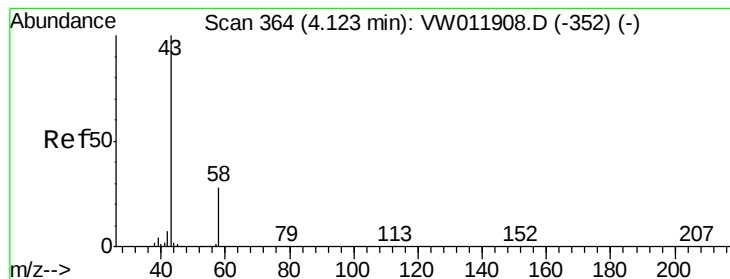
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.330 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

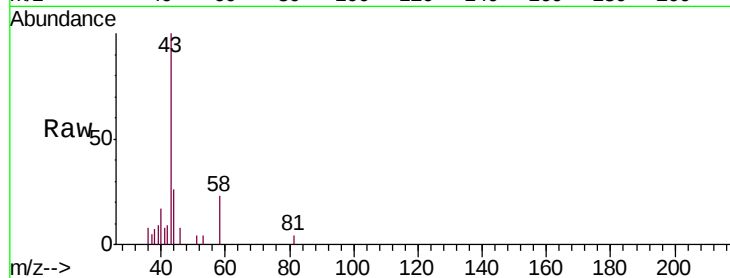
ETOD6RE

Tgt Ion: 43 Resp: 4008

Ion Ratio Lower Upper

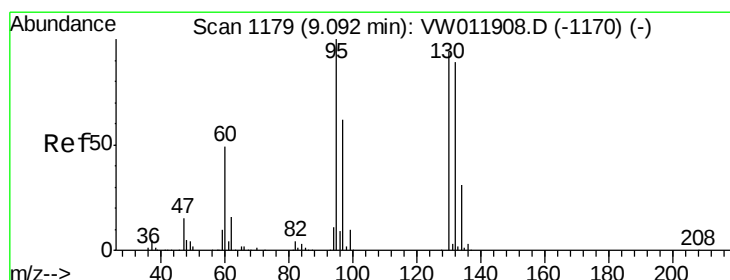
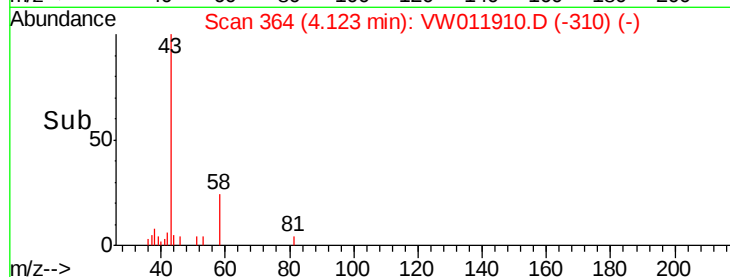
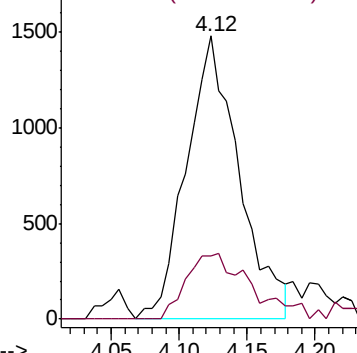
43 100

58 19.6 0.0 53.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#35

Trichloroethene

Concen: 2.945 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW011910.D

Acq: 14 Aug 2019 10:44

Tgt Ion: 95 Resp: 4500

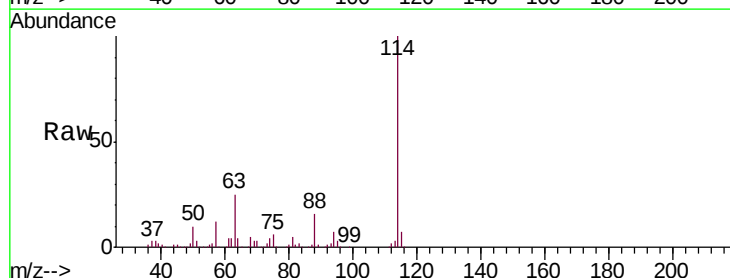
Ion Ratio Lower Upper

95 100

97 0.0 44.8 83.2#

132 0.0 65.0 120.6#

130 0.0 68.0 126.4#

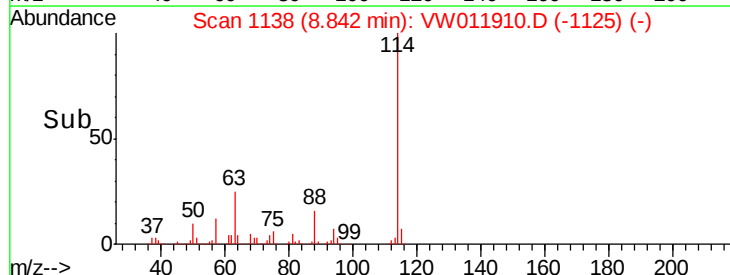
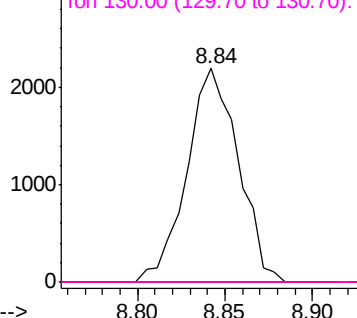


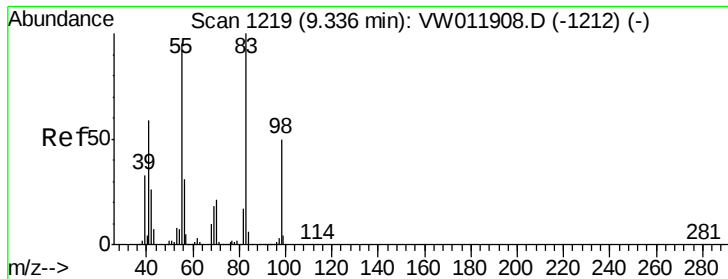
Abundance Ion 95.00 (94.70 to 95.70): VW

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

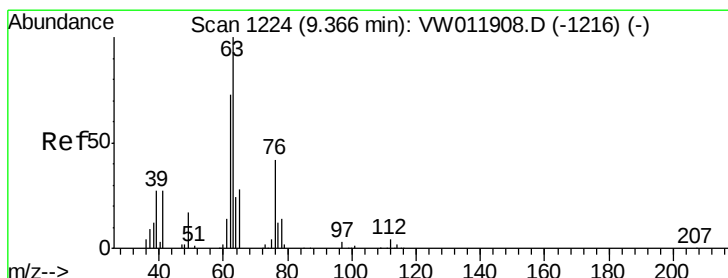
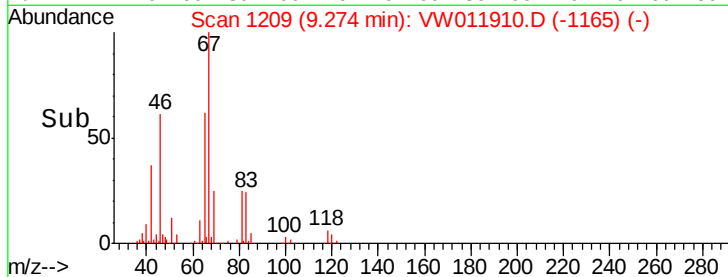
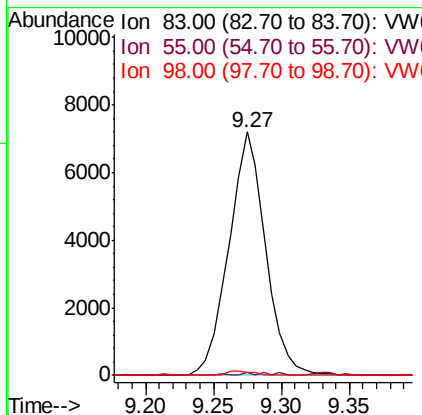
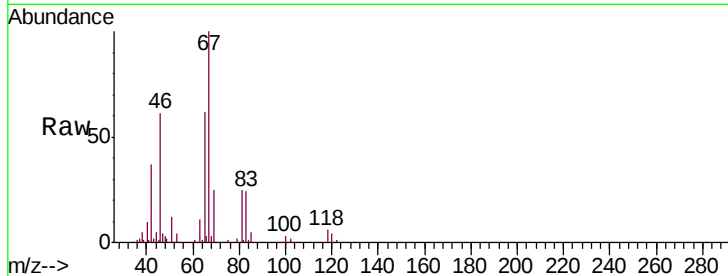




#36
Methylcyclohexane
Concen: 4.860 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
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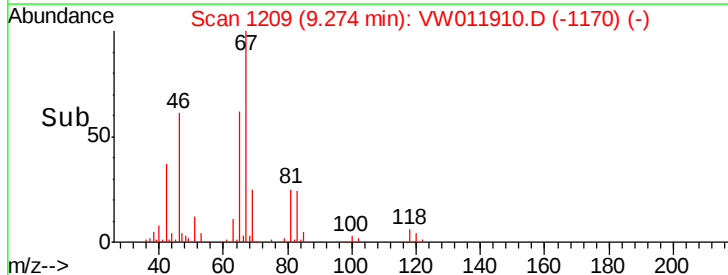
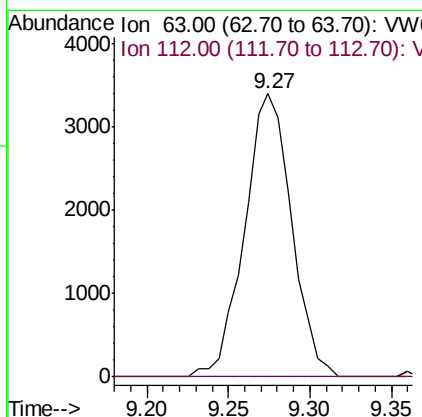
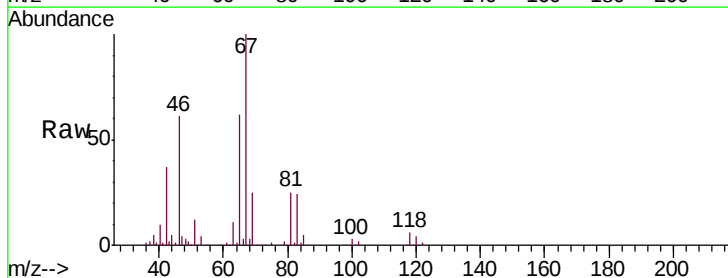
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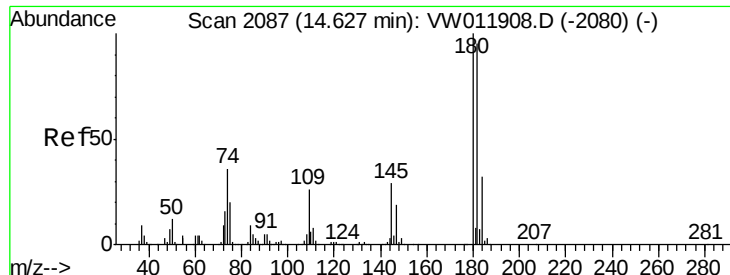
Tgt Ion: 83 Resp: 13472
Ion Ratio Lower Upper
83 100
55 0.4 72.6 108.8#
98 0.9 37.8 56.6#



#40
1,2-Dichloropropane
Concen: 4.246 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.09 min
Lab File: VW011910.D
Acq: 14 Aug 2019 10:44

Tgt Ion: 63 Resp: 6821
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#





#67
 1,3,5-Trichlorobenzene
 Concen: 0.621 ug/L
 RT: 14.63 min Scan# 2088
 Delta R.T. 0.01 min
 Lab File: VW011910.D
 Acq: 14 Aug 2019 10:44

Instrument :
 MSVOA_W
 ClientSampleId :
 ETOD6RE

Tgt Ion	Ratio	Lower	Upper
180	100		
182	67.4	75.9	113.9#
184	17.4	24.2	36.2#
145	11.5	23.0	34.6#

