

Data File : VW007436.D
Acq On : 12 Dec 2018 12:25
Operator : SY/AP
Sample : J6271-17
Misc : 5.79G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9E32

Quant Time: Dec 13 00:43:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 13 00:38:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	132234	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	118788	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	56864	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	23186	26.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.68%
7) Chloroethane-d5	2.90	69	16912	23.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.72%
10) 1,1-Dichloroethene-d2	4.01	63	58321	19.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.52%
20) 2-Butanone-d5	7.07	46	19569	36.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.10%
24) Chloroform-d	7.64	84	78708	25.23	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.92%
26) 1,2-Dichloroethane-d4	8.31	65	45730	25.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.04%
29) Benzene-d6	8.27	84	157236	24.37	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.48%
33) 1,2-Dichloropropane-d6	9.27	67	44061	23.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.72%
37) Toluene-d8	10.32	98	150856	24.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.76%
38) trans-1,3-Dichloropropene-	10.58	79	21766	23.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.52%
39) 2-Hexanone-d5	10.93	63	16271	36.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	36495	21.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.04%
61) 1,2-Dichlorobenzene-d4	13.86	152	52384	26.19	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.76%

Target Compounds

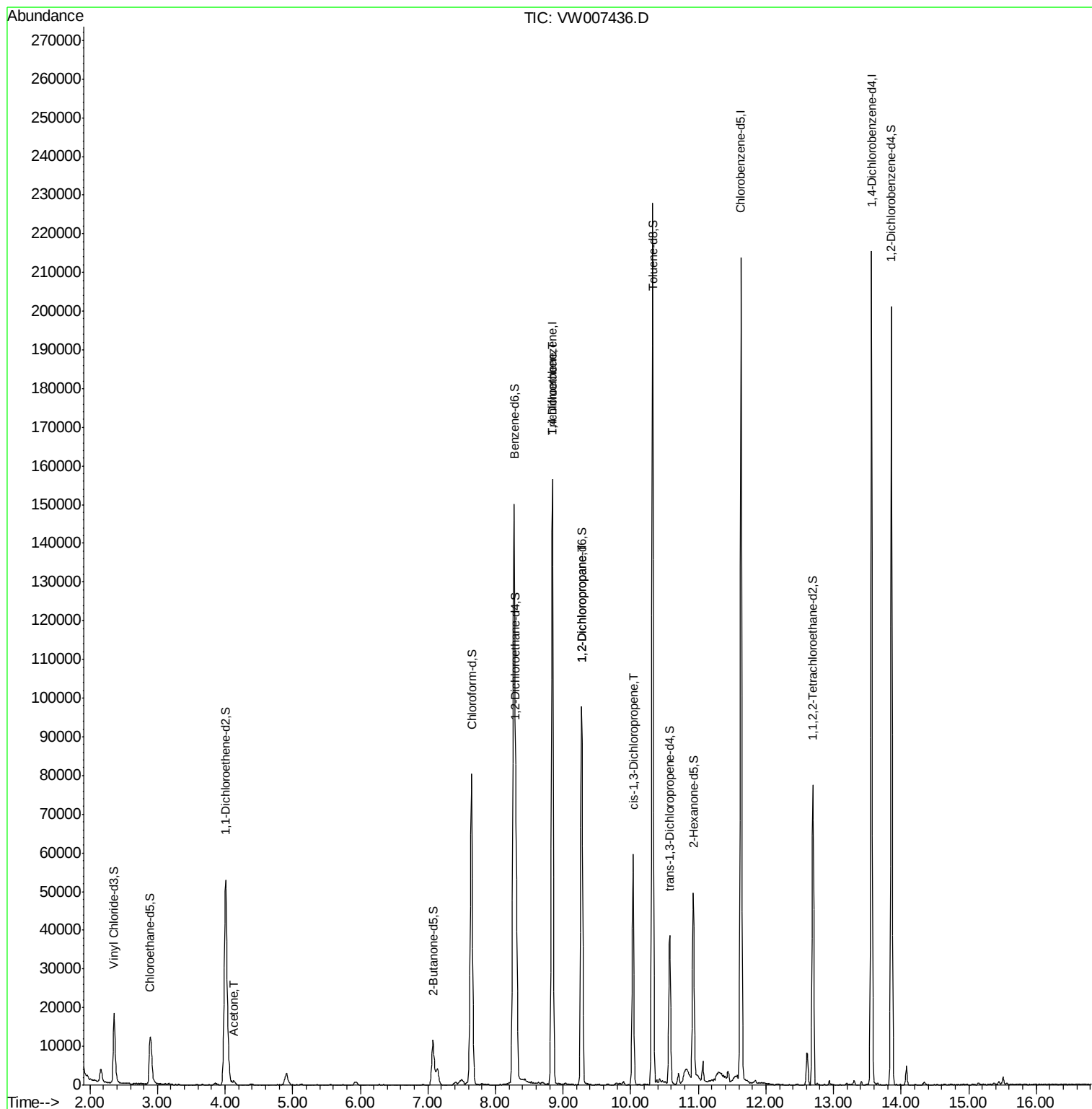
					Qvalue
13) Acetone	4.12	43	1156	1.831 ug/L	57
35) Trichloroethene	8.84	95	4139	2.120 ug/L #	4
40) 1,2-Dichloropropane	9.27	63	5215	3.131 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	1659	0.593 ug/L	83

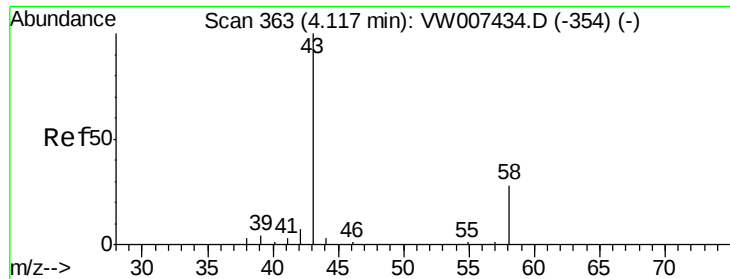
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.831 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampled :

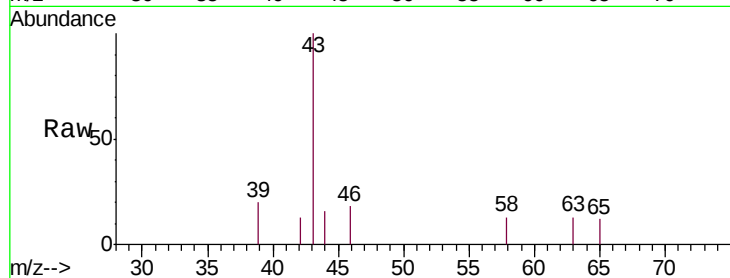
F9E32

Tgt Ion: 43 Resp: 1156

Ion Ratio Lower Upper

43 100

58 6.4 0.0 59.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

400

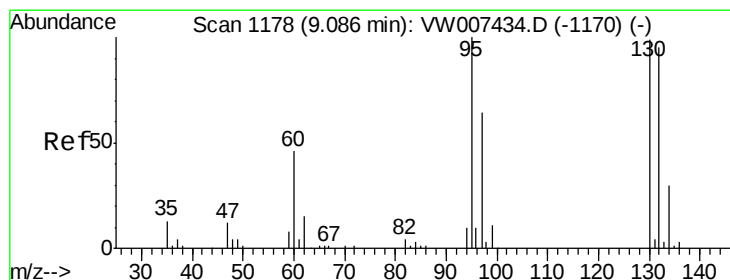
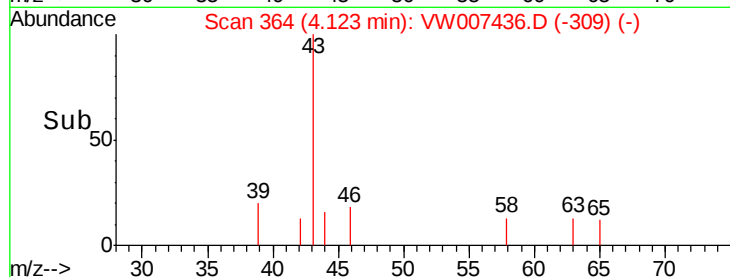
300

200

100

0

Time-->



#35

Trichloroethene

Concen: 2.120 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.24 min

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Tgt Ion: 95 Resp: 4139

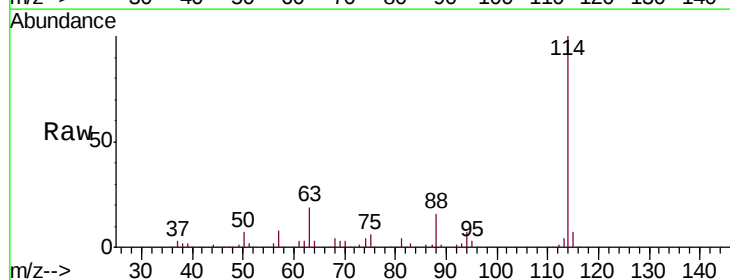
Ion Ratio Lower Upper

95 100

97 0.0 45.8 85.0#

132 0.0 68.0 126.4#

130 0.0 71.6 133.0#



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

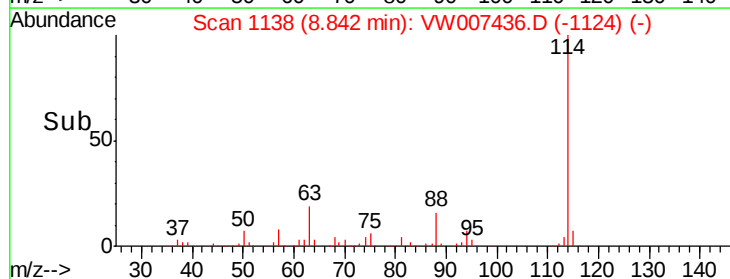
3000

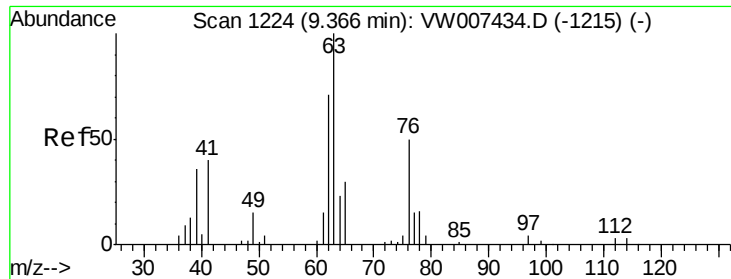
2000

1000

0

Time-->

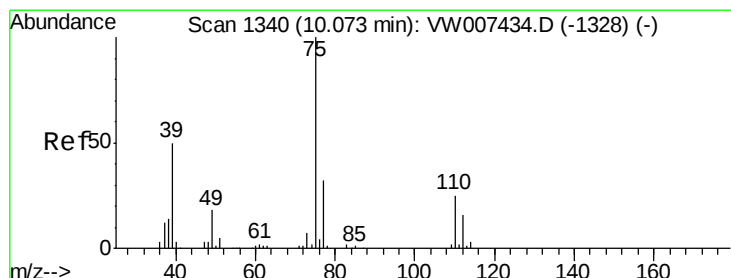
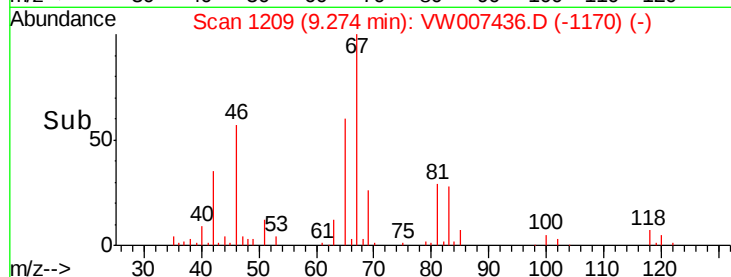
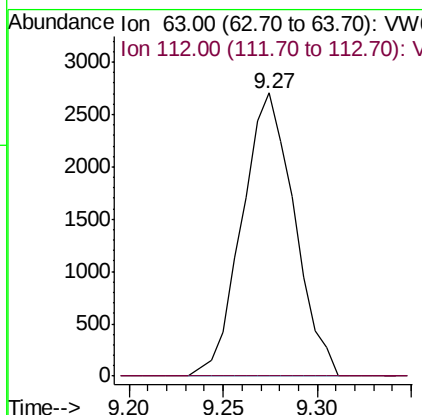
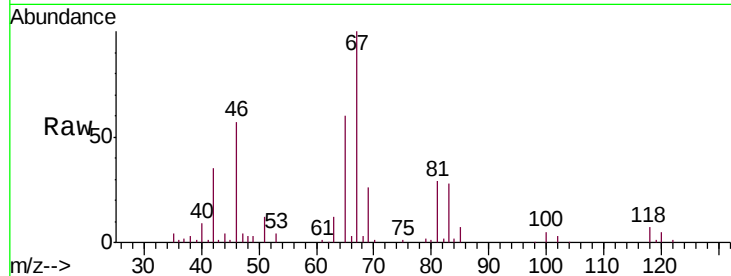




#40
 1,2-Dichloropropane
 Concen: 3.131 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.09 min
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Tgt Ion: 63 Resp: 5215
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#42
 cis-1,3-Dichloropropene
 Concen: 0.593 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW007436.D
 Acq: 12 Dec 2018 12:25

Tgt Ion: 75 Resp: 1659
 Ion Ratio Lower Upper
 75 100
 77 42.2 23.0 42.6

