

Data File : VW014224.D
Acq On : 05 Dec 2019 20:08
Operator : SY/VA
Sample : K6149-07
Misc : 5.09G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBBR8

Quant Time: Dec 06 06:54:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 06 06:50:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1386611	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1260019	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	554688	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	491620	23.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.64%
7) Chloroethane-d5	2.89	69	351744	22.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.12%
10) 1,1-Dichloroethene-d2	4.01	63	647711	17.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.84%
20) 2-Butanone-d5	7.07	46	195541	35.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.48%
24) Chloroform-d	7.65	84	788744	22.34	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.36%
26) 1,2-Dichloroethane-d4	8.30	65	401057	21.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.68%
29) Benzene-d6	8.27	84	1727583	23.39	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.56%
33) 1,2-Dichloropropane-d6	9.27	67	515163	22.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.68%
37) Toluene-d8	10.32	98	1569185	23.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.00%
38) trans-1,3-Dichloropropene-	10.57	79	197774	20.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.00%
39) 2-Hexanone-d5	10.92	63	157975	34.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.94%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	358660	19.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.48%
61) 1,2-Dichlorobenzene-d4	13.85	152	496116	23.41	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.64%

Target Compounds

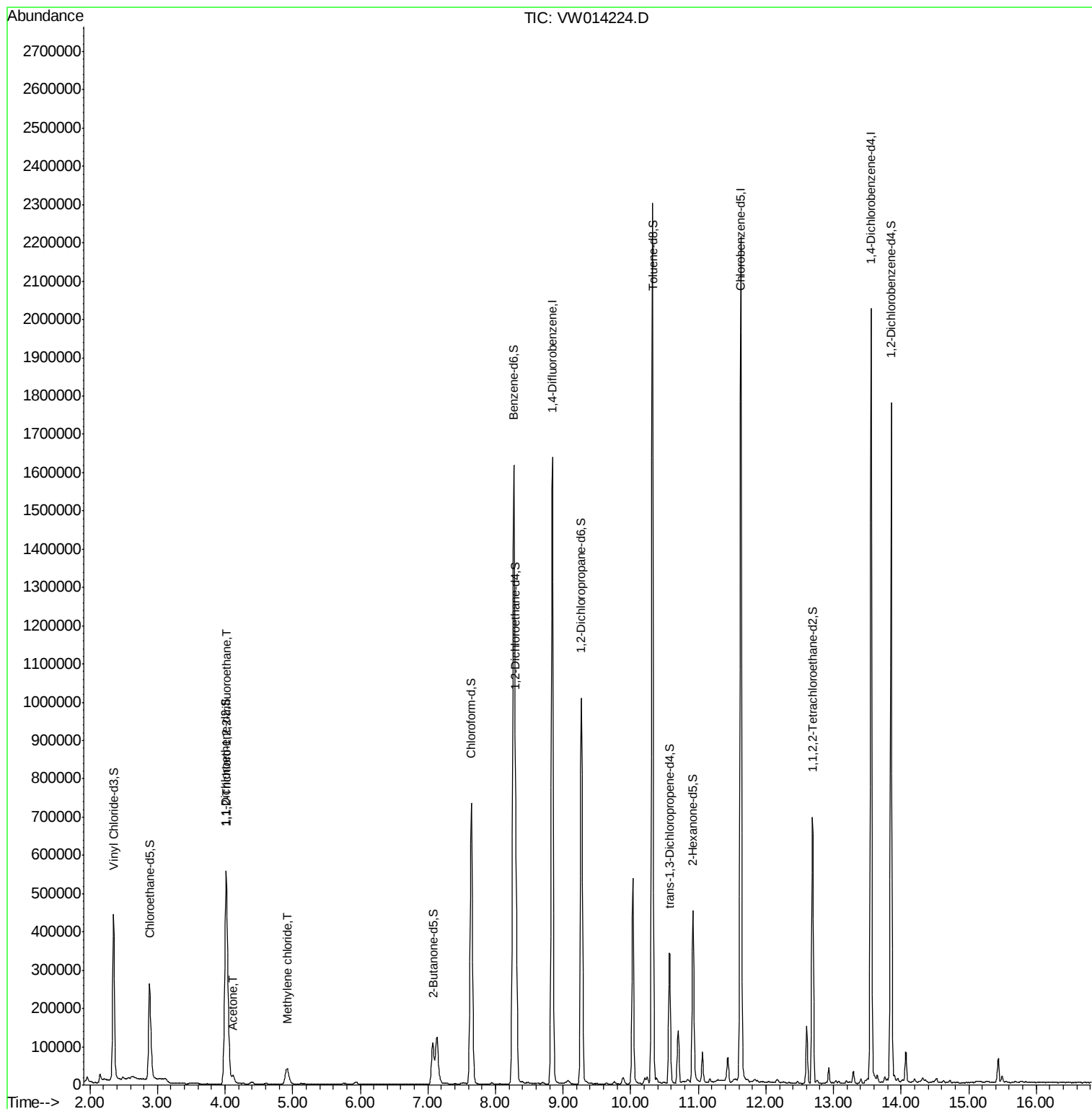
					Qvalue
11) 1,1,2-Trichloro-1,2,2-trif	4.03	101	7468	0.408 ug/L #	17
13) Acetone	4.12	43	33436	6.338 ug/L	94
16) Methylene chloride	4.92	84	38813	1.826 ug/L	95

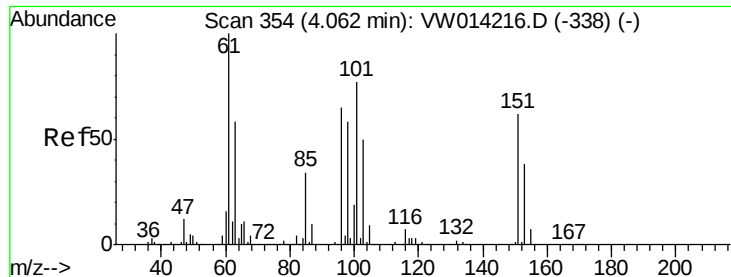
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.408 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.04 min

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MSVOA_W

ClientSampleId :

DBBR8

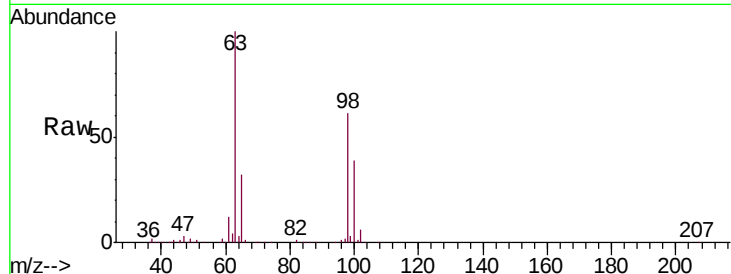
Tgt Ion:101 Resp: 7468

Ion Ratio Lower Upper

101 100

85 0.0 31.4 47.2#

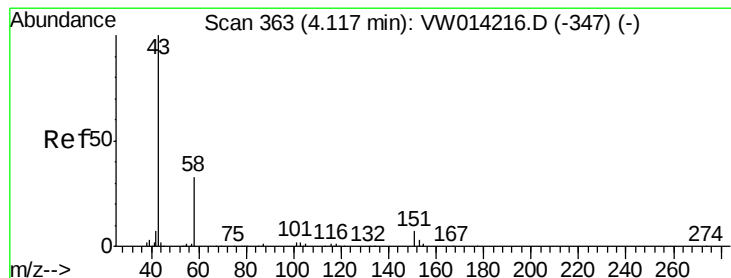
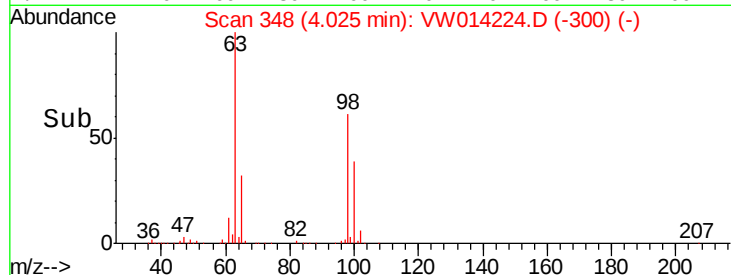
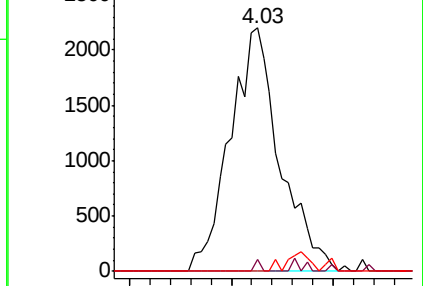
151 0.5 66.9 100.3#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 6.338 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

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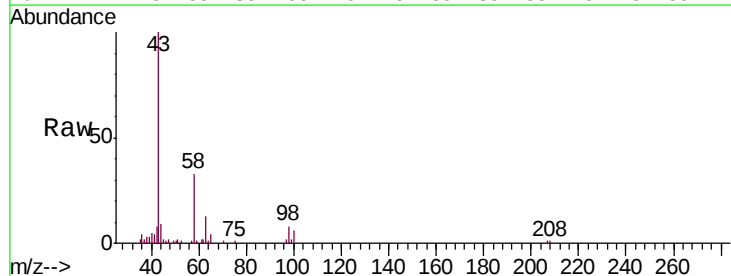
Acq: 05 Dec 2019 20:08

Tgt Ion: 43 Resp: 33436

Ion Ratio Lower Upper

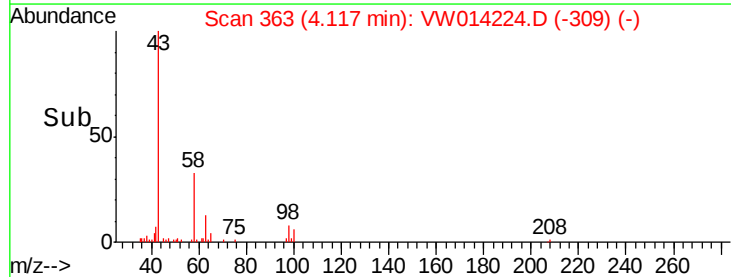
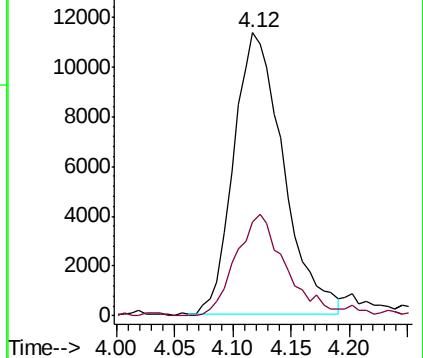
43 100

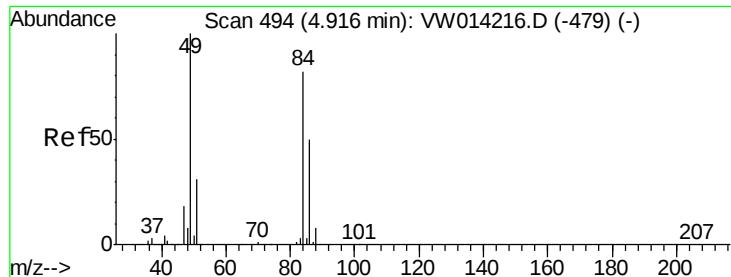
58 35.8 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#16
Methylene chloride
Concen: 1.826 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
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Tgt Ion: 84 Resp: 38813
Ion Ratio Lower Upper
84 100
49 113.7 84.2 156.4
86 65.0 43.7 81.1

