

Data File : VW014465.D
Acq On : 19 Dec 2019 18:43
Operator : SY/VA
Sample : K6277-19
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VHBLK01

Quant Time: Dec 20 01:16:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 20 01:12:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	983132	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	905002	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	394892	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	274771	18.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.84%
7) Chloroethane-d5	2.89	69	243272	21.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.92%
10) 1,1-Dichloroethene-d2	4.20	63	341	0.01	ug/L	0.18
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.04%#
20) 2-Butanone-d5	7.07	46	222832	57.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.88%
24) Chloroform-d	7.65	84	601933	24.05	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	8.30	65	341668	26.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.12%
29) Benzene-d6	8.27	84	1210914	22.83	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.32%
33) 1,2-Dichloropropane-d6	9.27	67	394055	24.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.60%
37) Toluene-d8	10.32	98	1069047	22.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.16%
38) trans-1,3-Dichloropropene-	10.57	79	149425	21.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.32%
39) 2-Hexanone-d5	10.92	63	170562	52.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.14%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	339313	25.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.08%
61) 1,2-Dichlorobenzene-d4	13.85	152	370455	24.55	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.20%

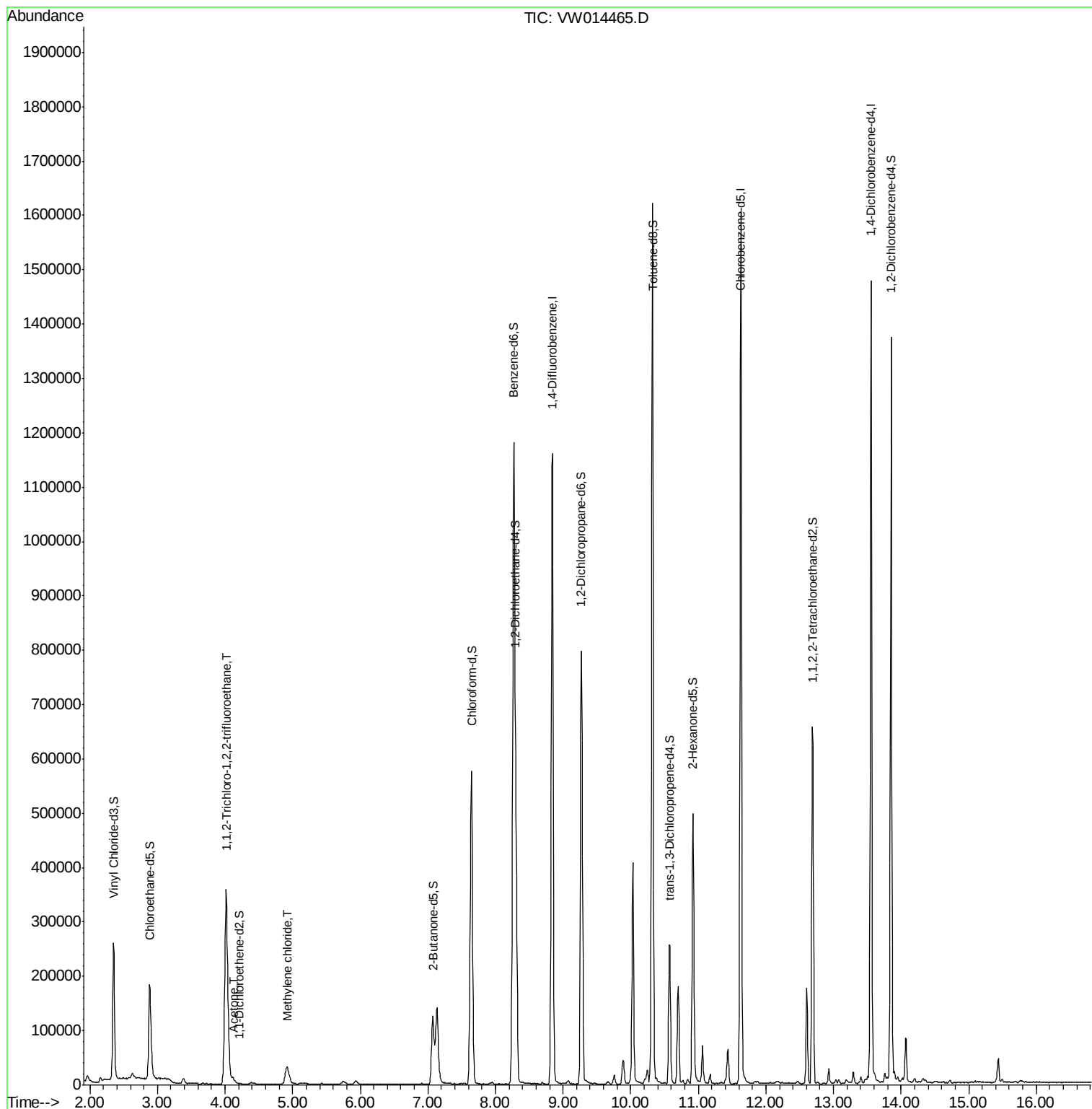
Target Compounds					Qvalue
11) 1,1,2-Trichloro-1,2,2-trif	4.03	101	4675	0.361 ug/L #	18
13) Acetone	4.12	43	18593	4.971 ug/L	78
16) Methylene chloride	4.92	84	27827	1.846 ug/L	82

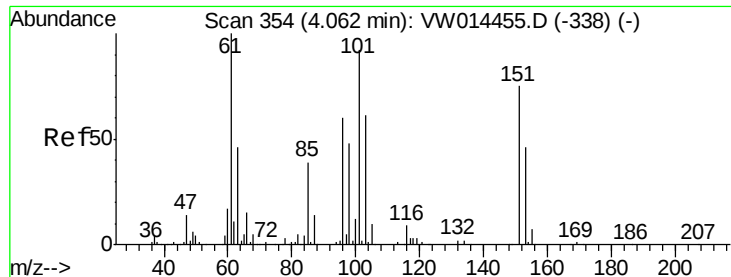
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

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

Concen: 0.361 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.04 min

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ClientSampleId :

VHBLK01

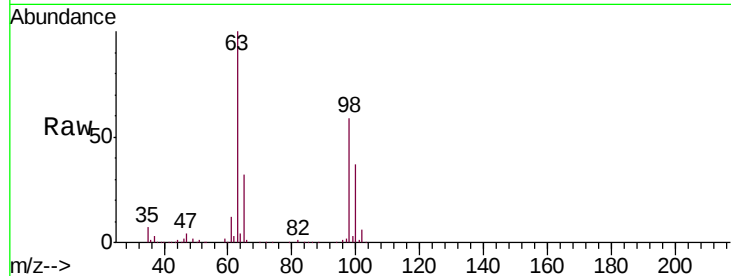
Tgt Ion:101 Resp: 4675

Ion Ratio Lower Upper

101 100

85 0.9 31.4 47.2#

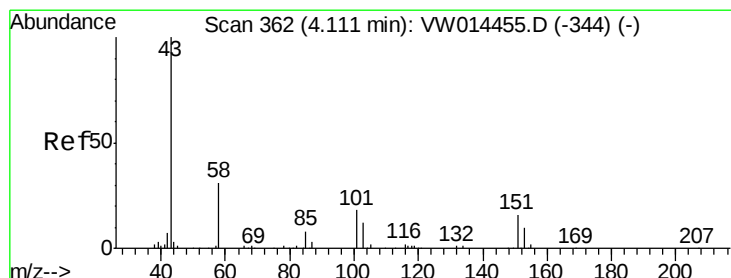
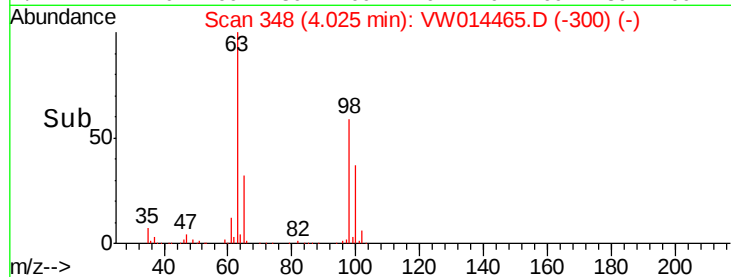
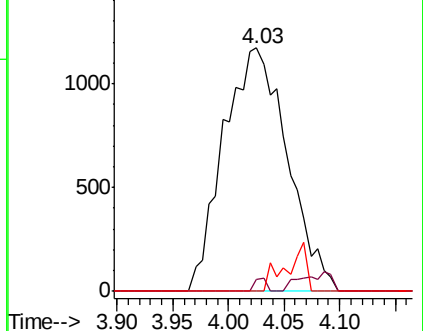
151 1.6 66.9 100.3#



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: 4.971 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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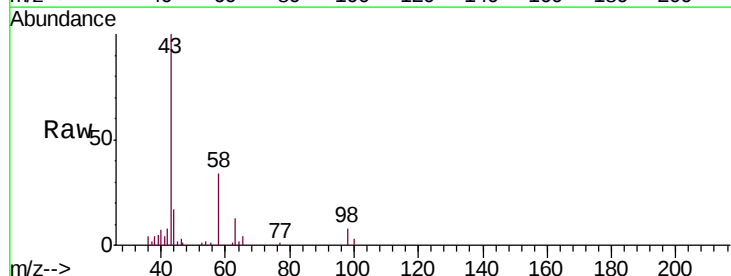
Acq: 19 Dec 2019 18:43

Tgt Ion: 43 Resp: 18593

Ion Ratio Lower Upper

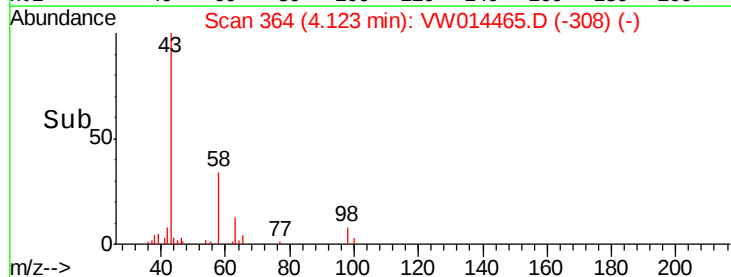
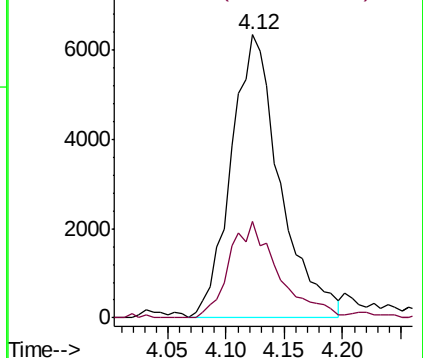
43 100

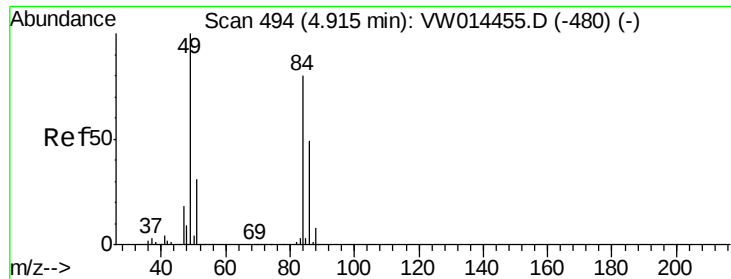
58 20.5 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#16
Methylene chloride
Concen: 1.846 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
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Tgt Ion: 84 Resp: 27827
Ion Ratio Lower Upper
84 100
49 139.7 84.2 156.4
86 76.6 43.7 81.1

