

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW030419\
 Data File : VW008964.D
 Acq On : 04 Mar 2019 13:59
 Operator : SY/VA
 Sample : K1657-05RE
 Misc : 6.51G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB649RE

Manual Integrations
 APPROVED

MMDadoda
 3/5/2019 11:49:11 PM

Quant Time: Mar 05 15:24:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM022019S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 05 05:37:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	229391	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	205209	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	70995	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	72276	20.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.00%
7) Chloroethane-d5	2.89	69	73858	23.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.20%
10) 1,1-Dichloroethene-d2	4.01	63	99173	16.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.84%
20) 2-Butanone-d5	7.09	46	40608	38.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.32%
24) Chloroform-d	7.65	84	106212	19.15	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.60%
26) 1,2-Dichloroethane-d4	8.31	65	81766	24.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.92%
29) Benzene-d6	8.27	84	264759	26.88	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.52%
33) 1,2-Dichloropropane-d6	9.27	67	82067	28.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.76%
37) Toluene-d8	10.32	98	249879	25.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.32%
38) trans-1,3-Dichloropropene-	10.58	79	31400	21.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.84%
39) 2-Hexanone-d5	10.93	63	31375	39.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.80%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	62142	21.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.80%
61) 1,2-Dichlorobenzene-d4	13.86	152	62698	24.78	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.12%

Target Compounds					Ovalue
13) Acetone	4.13	43	28805	28.533 ug/L	79
16) Methylene chloride	4.92	84	11042m	2.977 ug/L	

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

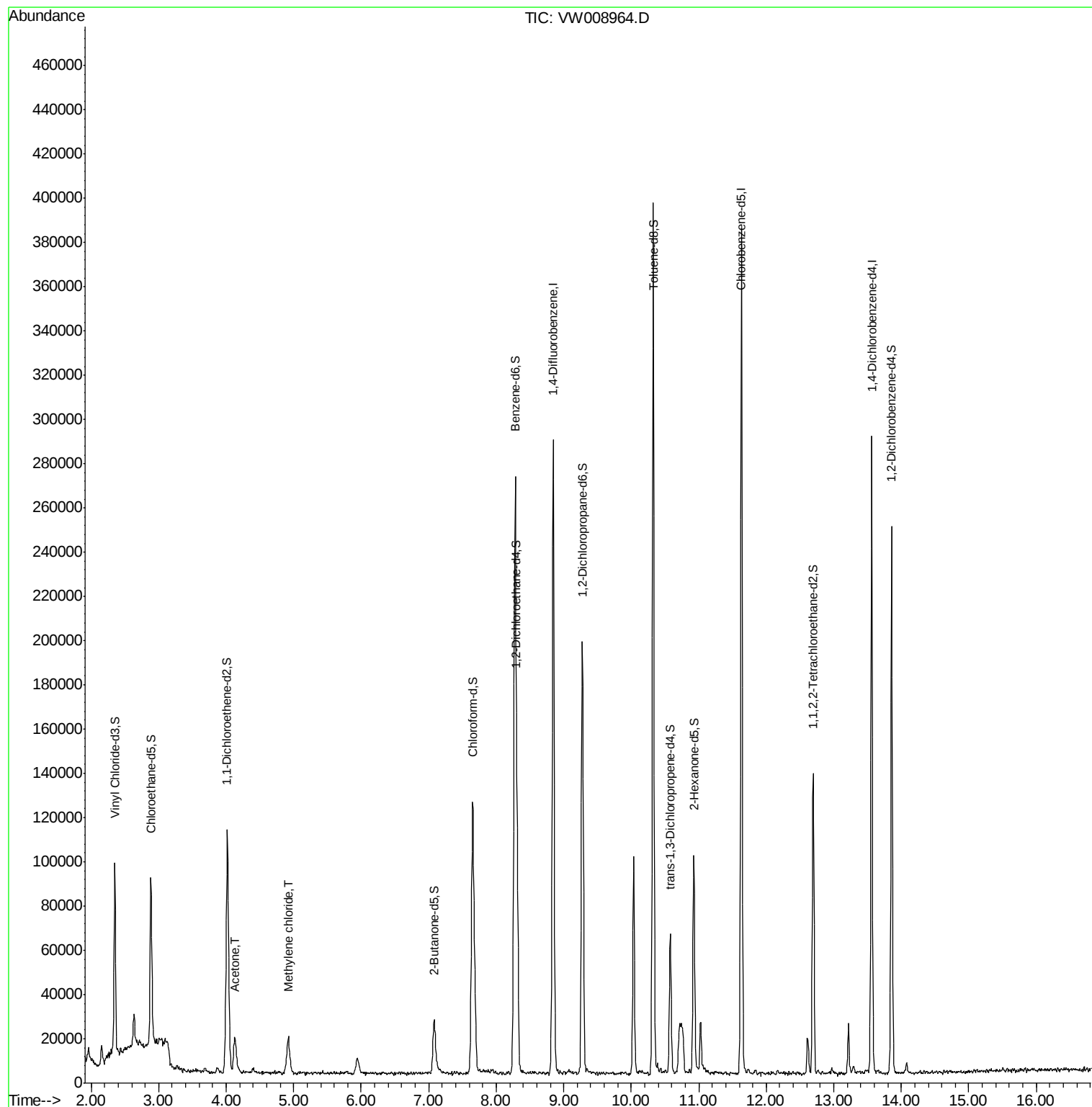
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW030419\
Data File : VW008964.D
Acq On : 04 Mar 2019 13:59
Operator : SY/VA
Sample : K1657-05RE
Misc : 6.51G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

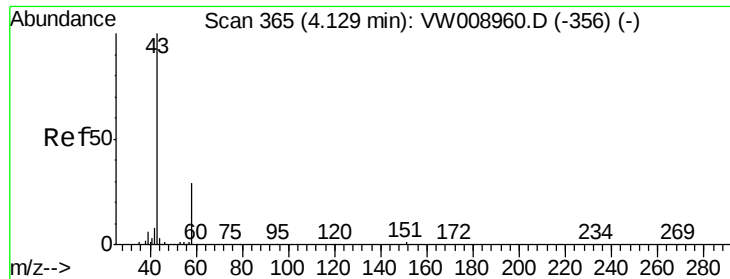
Instrument :
MSVOA_W
ClientSampleId :
DB649RE

Manual Integrations
APPROVED

MMDadoda
3/5/2019 11:49:11 PM

Quant Time: Mar 05 15:24:34 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM022019S.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 05 05:37:38 2019
Response via : Initial Calibration





#13

Acetone

Concen: 28.533 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW008964.D

Acq: 04 Mar 2019 13:59

Instrument :

MSVOA_W

ClientSampleId :

DB649RE

Tot Ion: 43 Resp: 28805

Ion Ratio Lower Upper

43 100

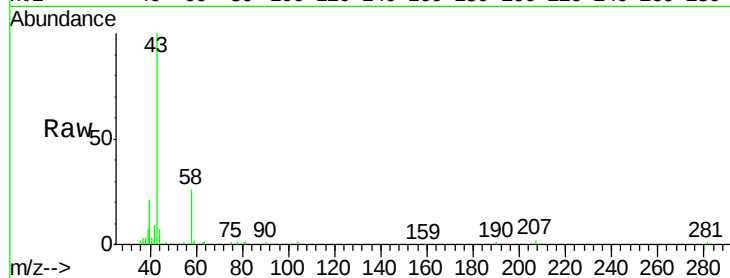
58 18.0 0.0 58.6

Manual Integrations

APPROVED

MMDadoda

3/5/2019 11:49:11 PM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

12000

10000

8000

6000

4000

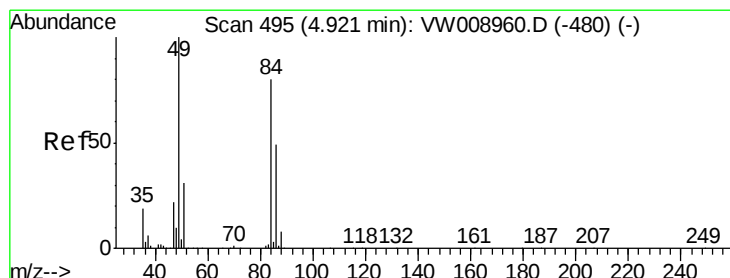
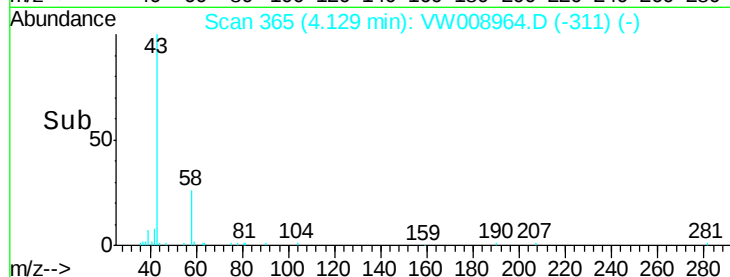
2000

0

4.13

4.00 4.05 4.10 4.15 4.20

Time-->



#16

Methylene chloride

Concen: 2.977 ug/L m

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW008964.D

Acq: 04 Mar 2019 13:59

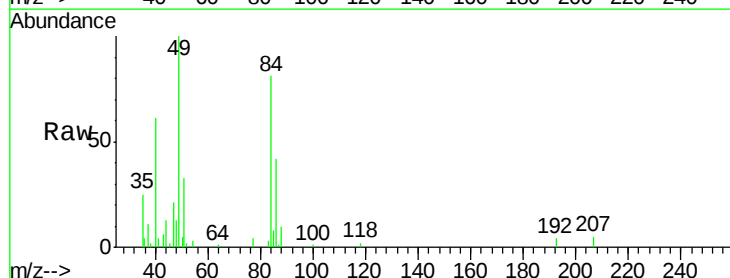
Tgt Ion: 84 Resp: 11042

Ion Ratio Lower Upper

84 100

49 123.8 79.2 147.0

86 51.5 43.2 80.2



Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

6000

4000

2000

0

4.92

4.80 4.90 5.00

Time-->

