

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120420\
 Data File : VW017562.D
 Acq On : 04 Dec 2020 17:38
 Operator : SY/VA
 Sample : L4955-05
 Misc : 5.12G/10ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4K0

Manual Integrations
 APPROVED

MMDadoda
 12/21/2020 1:36:39 PM

Quant Time: Dec 20 03:38:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Dec 20 01:44:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	451703	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	414669	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	201144	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	104359	17.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.24%
7) Chloroethane-d5	2.89	69	93073	18.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.24%
10) 1,1-Dichloroethene-d2	4.03	63	184362	13.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.76%
20) 2-Butanone-d5	7.08	46	62146	49.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.18%
24) Chloroform-d	7.65	84	278981	21.74	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.96%
26) 1,2-Dichloroethane-d4	8.31	65	144147	22.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.56%
29) Benzene-d6	8.28	84	529166	20.75	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.00%
33) 1,2-Dichloropropane-d6	9.27	67	157562	22.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.32%
37) Toluene-d8	10.33	98	477059	20.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.16%
38) trans-1,3-Dichloropropene-	10.58	79	63632	20.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.72%
39) 2-Hexanone-d5	10.93	63	39149	44.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.66%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	118862	23.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.64%
61) 1,2-Dichlorobenzene-d4	13.86	152	165740	22.26	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.04%

Target Compounds					Ovalue
13) Acetone	4.13	43	3401m	2.821 ug/L	
16) Methylene chloride	4.93	84	21198	3.126 ug/L	98

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

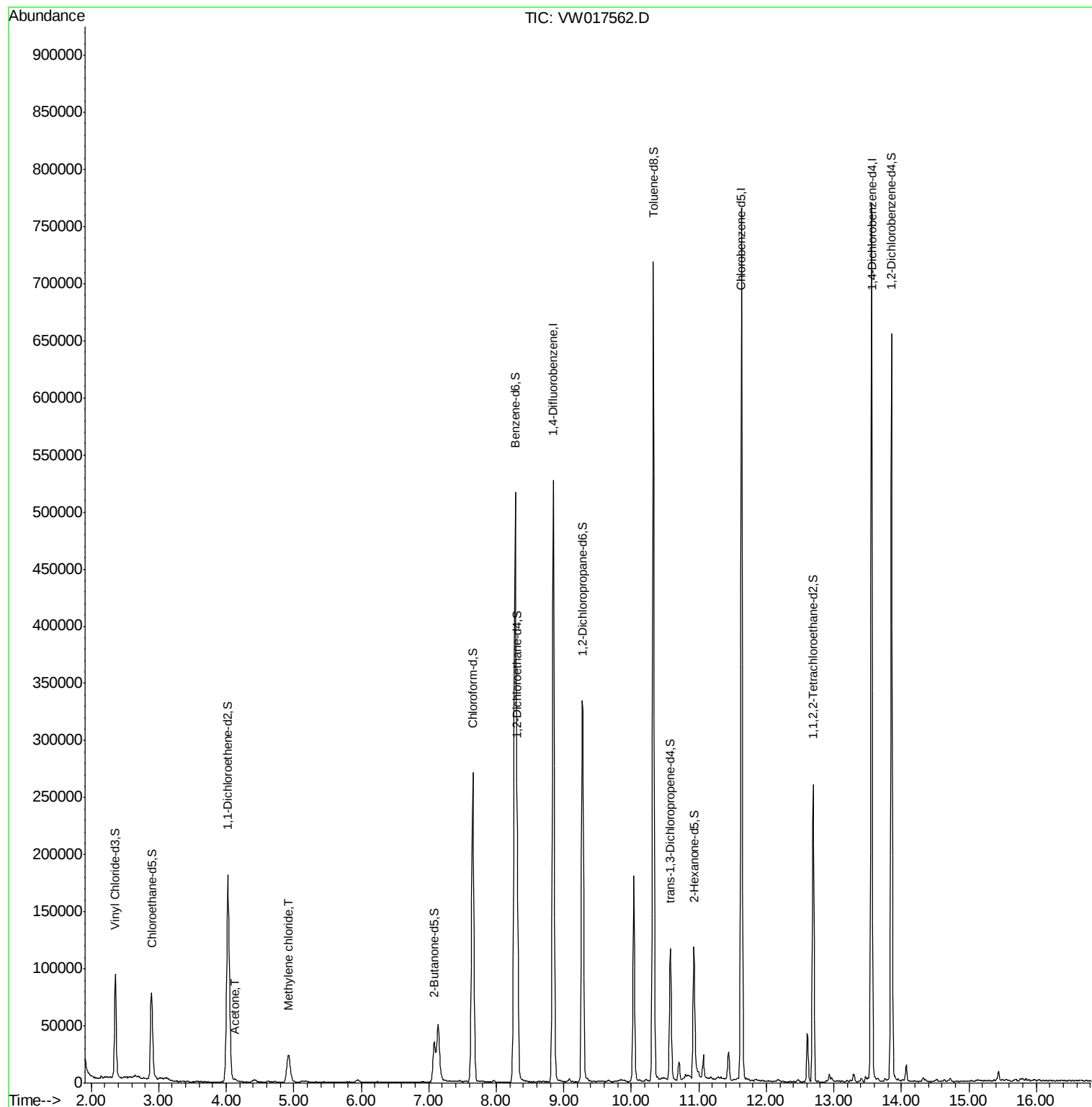
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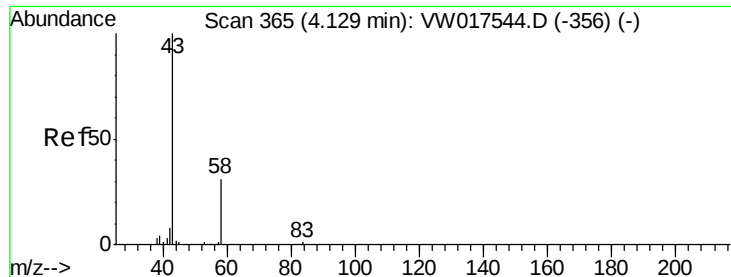
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#13

Acetone

Concen: 2.821 ug/L m

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW017562.D

Acq: 04 Dec 2020 17:38

Instrument :

MSVOA_W

ClientSampleId :

BG4K0

Tot Ion: 43 Resp: 3401

Ion Ratio Lower Upper

43 100

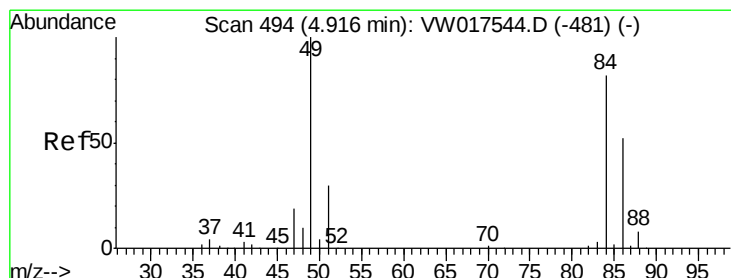
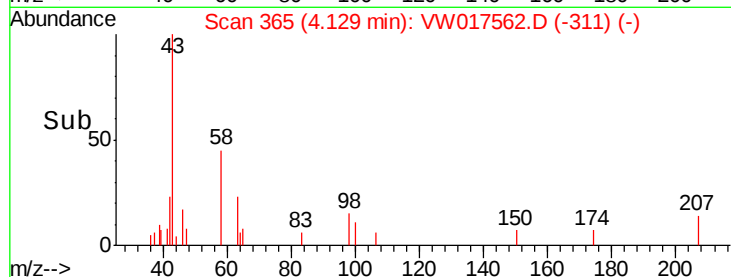
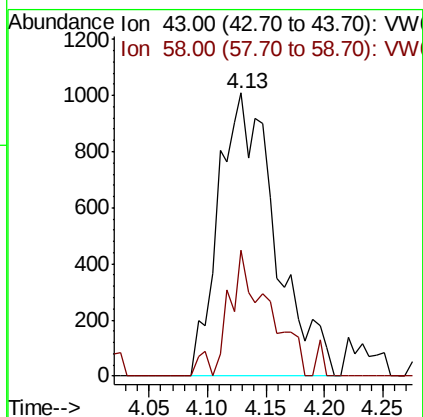
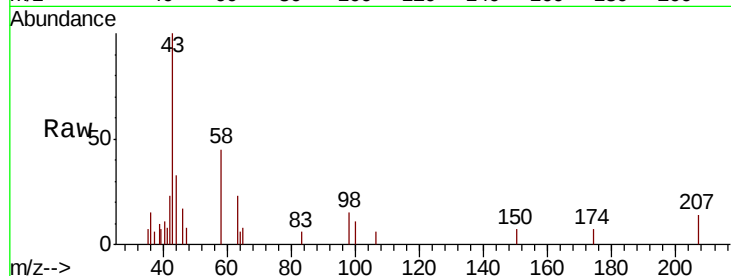
58 17.5 0.0 68.4

Manual Integrations

APPROVED

MMDadoda

12/21/2020 1:36:39 PM



#16

Methylene chloride

Concen: 3.126 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW017562.D

Acq: 04 Dec 2020 17:38

Tgt Ion: 84 Resp: 21198

Ion Ratio Lower Upper

84 100

49 118.7 81.2 150.8

86 64.9 44.5 82.7

