

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032519\
 Data File : VW009448.D
 Acq On : 26 Mar 2019 00:51
 Operator : SY/VA
 Sample : K2044-16
 Misc : 5.87G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5W7

Manual Integrations
 APPROVED

MMDadoda
 3/27/2019 12:15:17 PM

Quant Time: Apr 08 10:50:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 26 09:00:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	315782	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	329792	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	152966	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	67697	17.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.76%
7) Chloroethane-d5	2.89	69	79468	18.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.00%
10) 1,1-Dichloroethene-d2	4.01	63	115418	14.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.60%
20) 2-Butanone-d5	7.07	46	107105	68.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	137.26%#
24) Chloroform-d	7.64	84	215764	25.04	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.16%
26) 1,2-Dichloroethane-d4	8.31	65	150583m	29.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	116.04%
29) Benzene-d6	8.27	84	367011	20.18	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.72%
33) 1,2-Dichloropropane-d6	9.27	67	127020	23.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.00%
37) Toluene-d8	10.32	98	317287	18.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.48%
38) trans-1,3-Dichloropropene-	10.58	79	57826	21.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.32%
39) 2-Hexanone-d5	10.93	63	75471	57.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.08%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	149975	27.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.52%
61) 1,2-Dichlorobenzene-d4	13.86	152	143927	24.54	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.16%

Target Compounds					Ovalue
13) Acetone	4.12	43	9456	7.389 ug/L	81
16) Methylene chloride	4.91	84	15373	3.338 ug/L	86

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

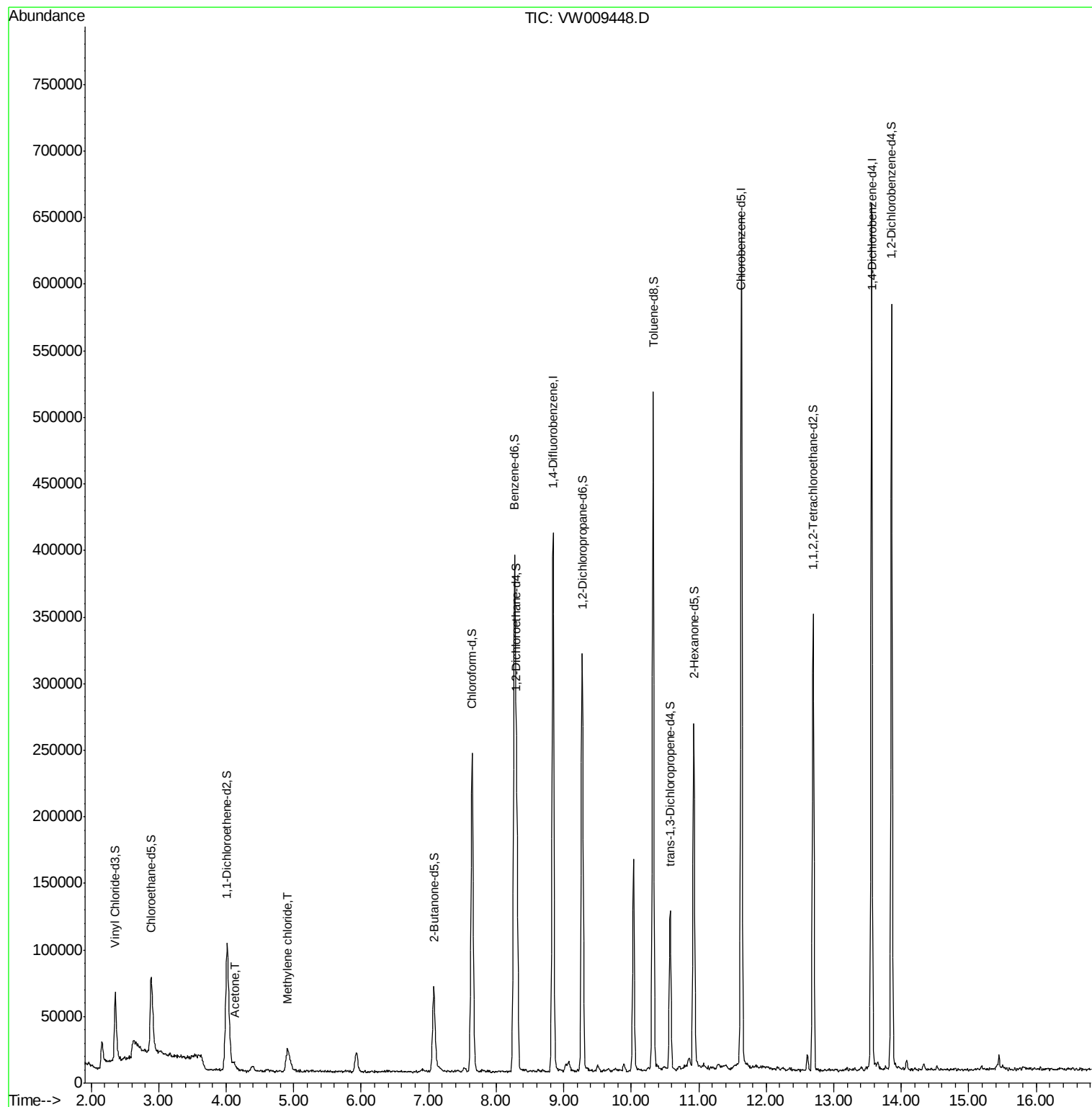
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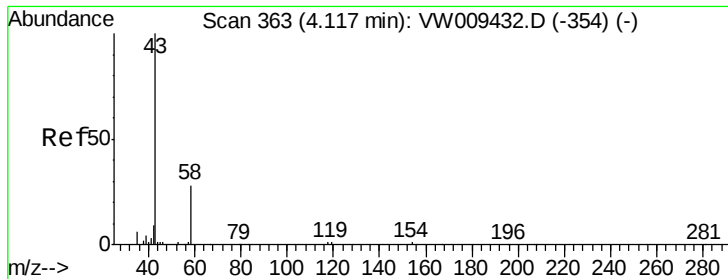
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#13

Acetone

Concen: 7.389 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW009448.D

Acq: 26 Mar 2019 00:51

Instrument :

MSVOA_W

ClientSampleId :

BF5W7

Tot Ion: 43 Resp: 9456

Ion Ratio Lower Upper

43 100

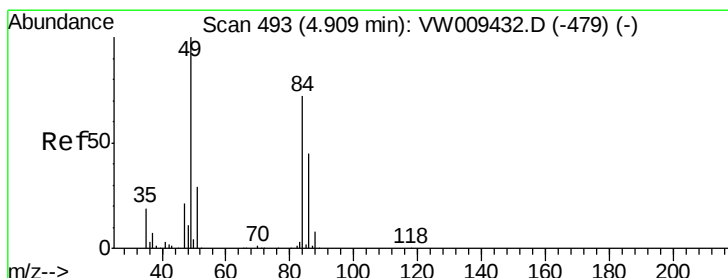
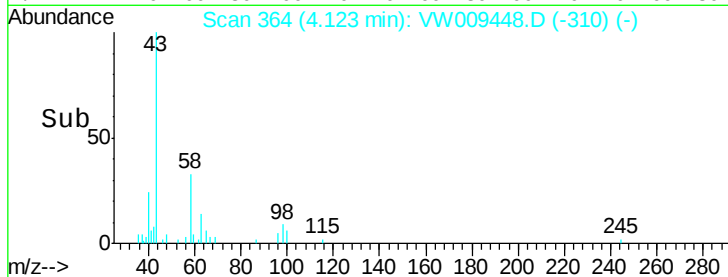
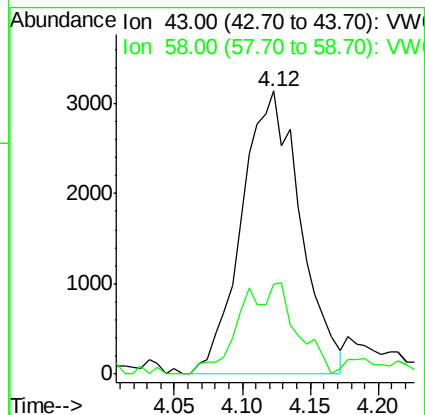
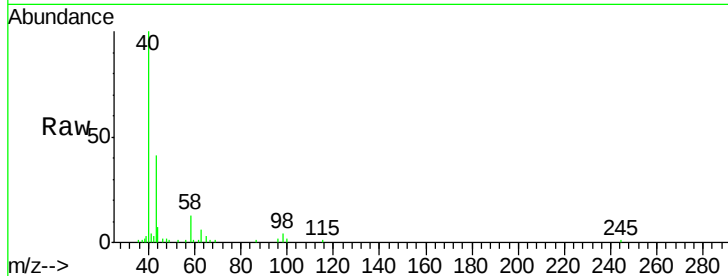
58 18.1 0.0 56.2

Manual Integrations

APPROVED

MMDadoda

3/27/2019 12:15:17 PM



#16

Methylene chloride

Concen: 3.338 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW009448.D

Acq: 26 Mar 2019 00:51

Tgt Ion: 84 Resp: 15373

Ion Ratio Lower Upper

84 100

49 120.9 96.0 178.2

86 51.2 44.4 82.5

