

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040819\
 Data File : VV010180.D
 Acq On : 08 Apr 2019 17:07
 Operator : SY/MD
 Sample : K2218-11
 Misc : 5.23G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF612

Manual Integrations
 APPROVED

MMDadoda
 4/15/2019 12:28:28 AM

Quant Time: Apr 09 06:44:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 09 05:31:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	74934	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	79315	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	29935	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	5333	5.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	21.28%#
7) Chloroethane-d5	1.57	69	10960	8.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	35.20%
10) 1,1-Dichloroethene-d2	2.13	63	12232	4.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	19.32%#
20) 2-Butanone-d5	3.97	46	3052m	10.69	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	21.38%
24) Chloroform-d	4.41	84	47972	25.41	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.64%
26) 1,2-Dichloroethane-d4	5.08	65	40085	37.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	151.80%#
29) Benzene-d6	5.10	84	77926	18.95	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	75.80%
33) 1,2-Dichloropropane-d6	6.12	67	33902	27.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.72%
37) Toluene-d8	7.36	98	64968	16.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	65.56%
38) trans-1,3-Dichloropropene-	7.67	79	3291	6.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	25.36%#
39) 2-Hexanone-d5	8.14	63	1407	5.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	11.56%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	37308	31.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	124.64%#
61) 1,2-Dichlorobenzene-d4	11.68	152	23506	20.16	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.64%

Target Compounds					Ovalue
13) Acetone	2.19	43	10566	37.437 ug/L	92
16) Methylene chloride	2.53	84	13631	10.354 ug/L	89

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

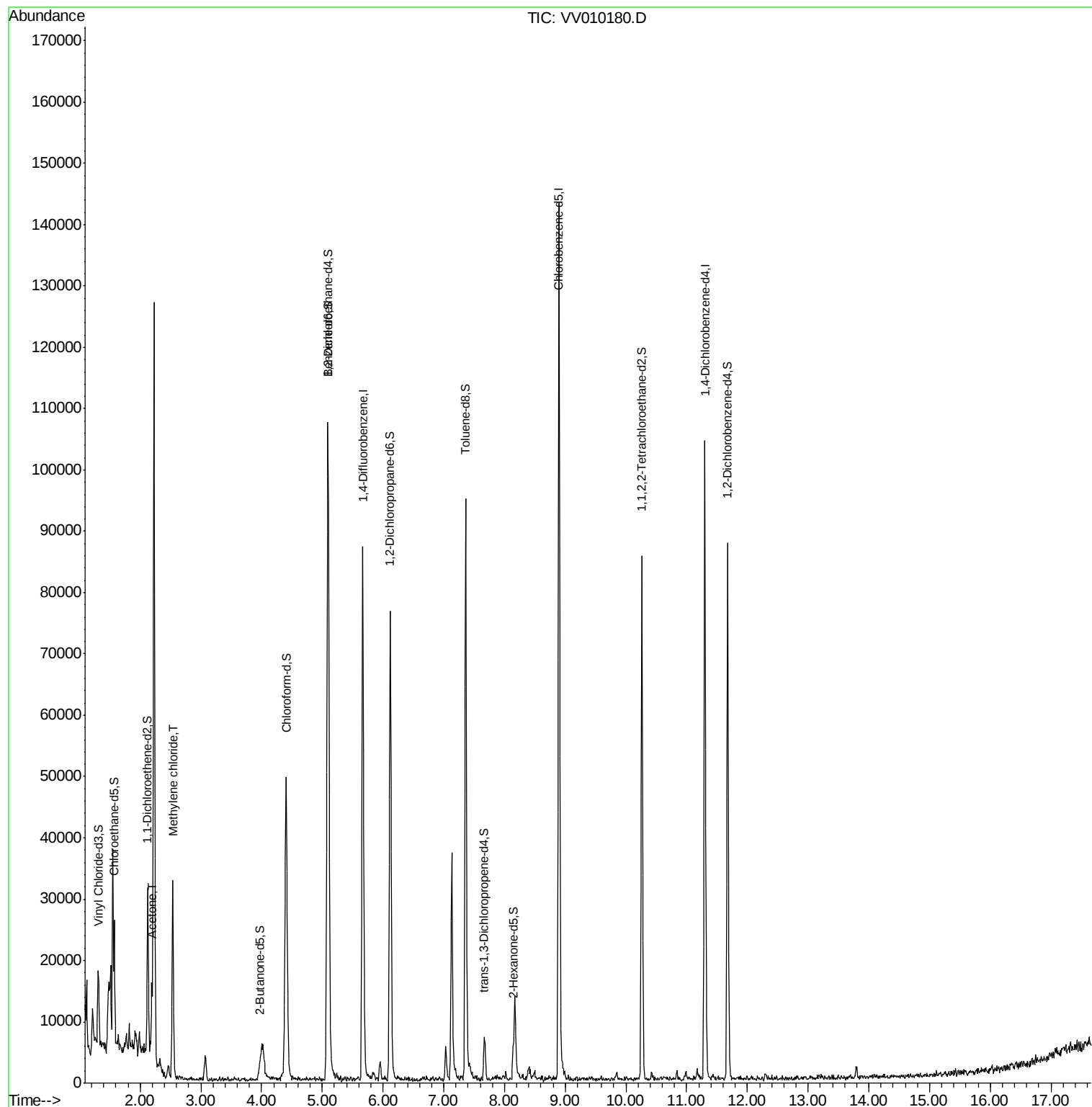
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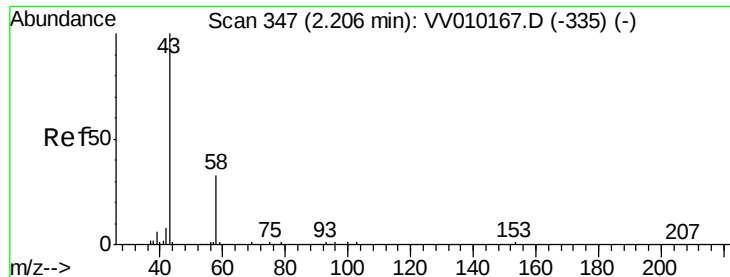
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#13

Acetone

Concen: 37.437 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.01 min

Lab File: VV010180.D

Acq: 08 Apr 2019 17:07

Instrument :

MSVOA_V

ClientSampleId :

BF612

Tot Ion: 43 Resp: 10566

Ion Ratio Lower Upper

43 100

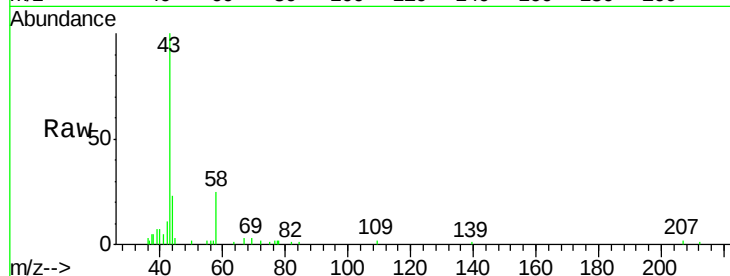
58 27.7 0.0 64.6

Manual Integrations

APPROVED

MMDadoda

4/15/2019 12:28:28 AM



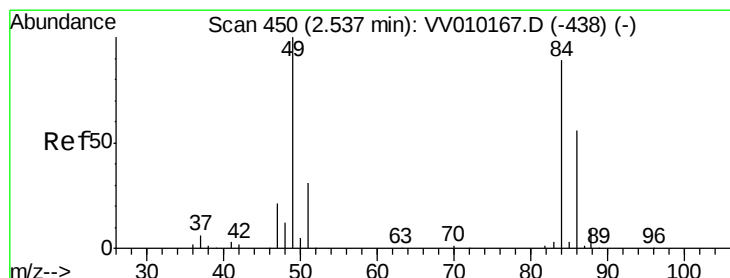
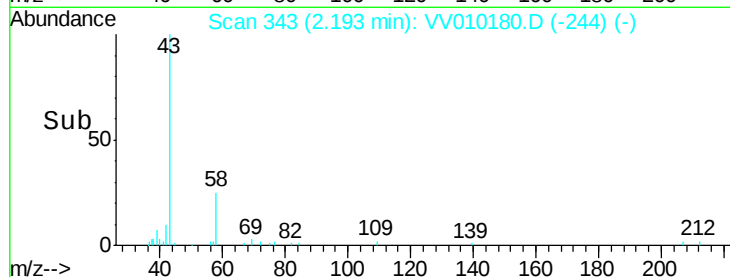
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2.19

2.15 2.20 2.25

Time-->



#16

Methylene chloride

Concen: 10.354 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

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Acq: 08 Apr 2019 17:07

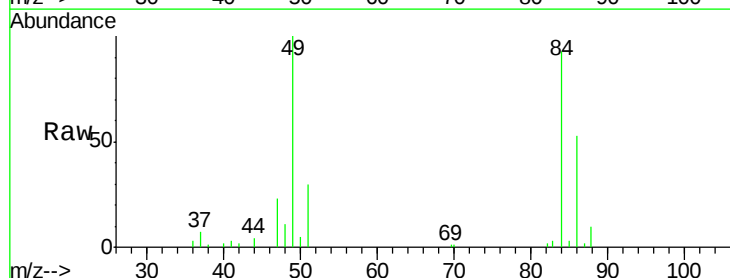
Tgt Ion: 84 Resp: 13631

Ion Ratio Lower Upper

84 100

49 107.2 84.3 156.5

86 57.1 45.4 84.2



Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

2.53

2.50 2.55 2.60

Time-->

