

Data File : VV010303.D
Acq On : 12 Apr 2019 23:18
Operator : SY/MD
Sample : K2278-24
Misc : 5.30G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB701

Quant Time: Apr 13 06:22:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 13 05:50:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	214959	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	219167	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	99431	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	35217	14.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.92%
7) Chloroethane-d5	1.57	69	40445	19.02	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.08%
10) 1,1-Dichloroethene-d2	2.13	63	75973	12.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	48.24%
20) 2-Butanone-d5	3.93	46	29094	46.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.92%
24) Chloroform-d	4.40	84	99611	20.29	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.16%
26) 1,2-Dichloroethane-d4	5.08	65	63815	22.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.28%
29) Benzene-d6	5.10	84	205455	19.44	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.76%
33) 1,2-Dichloropropane-d6	6.12	67	66777	21.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.96%
37) Toluene-d8	7.36	98	185597	18.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.04%
38) trans-1,3-Dichloropropene-	7.66	79	22759	17.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.48%
39) 2-Hexanone-d5	8.13	63	20021	36.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.76%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	60555	21.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.84%
61) 1,2-Dichlorobenzene-d4	11.68	152	80464	21.91	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.64%

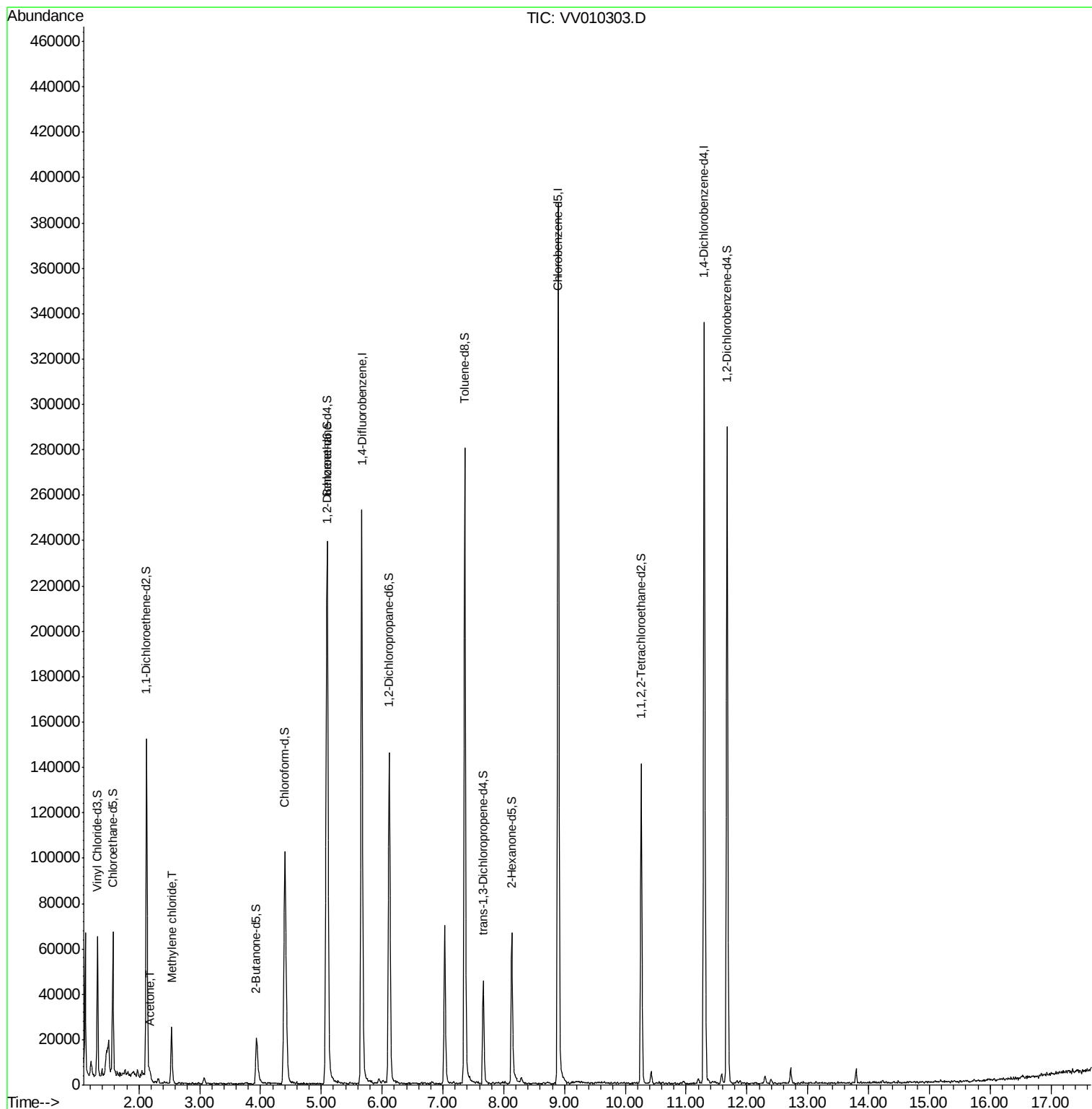
Target Compounds					Qvalue
13) Acetone	2.19	43	2525	3.774 ug/L	72
16) Methylene chloride	2.54	84	10179	2.418 ug/L	97

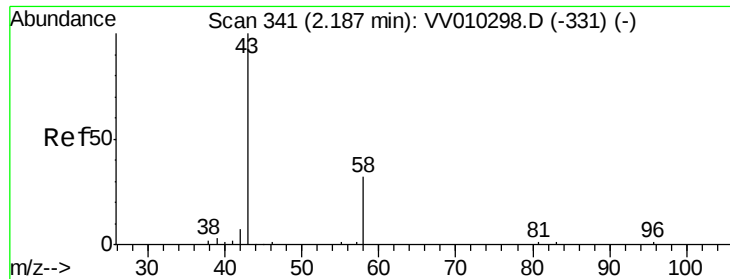
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.774 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

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Acq: 12 Apr 2019 23:18

Instrument :

MSVOA_V

ClientSampleId :

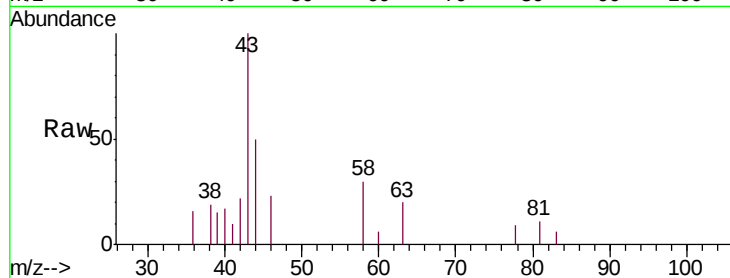
DB701

Tgt Ion: 43 Resp: 2525

Ion Ratio Lower Upper

43 100

58 15.5 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV010298.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV010298.D (-331) (-)

2.19

1500

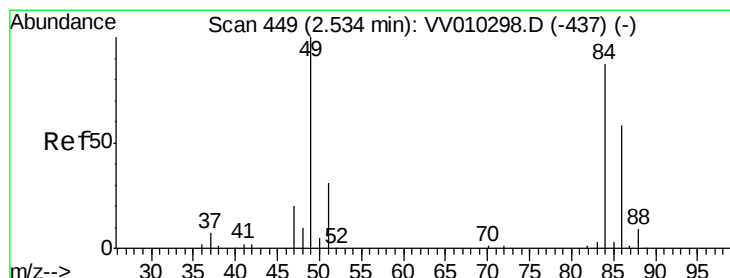
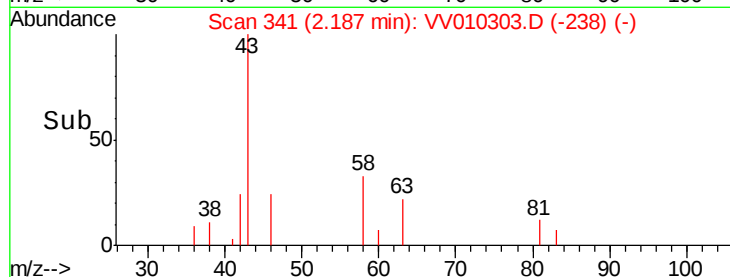
1000

500

0

2.15 2.20 2.25

Time-->



#16

Methylene chloride

Concen: 2.418 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

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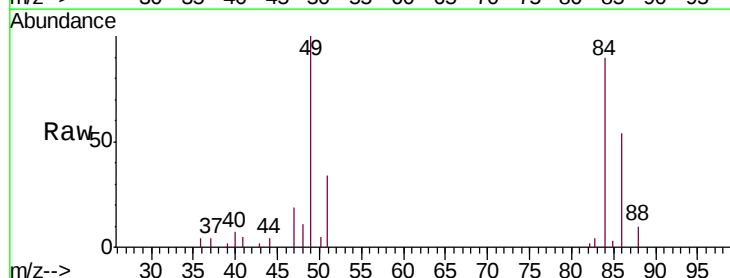
Tgt Ion: 84 Resp: 10179

Ion Ratio Lower Upper

84 100

49 111.0 79.9 148.5

86 60.4 44.5 82.7



Abundance Ion 84.00 (83.70 to 84.70): VV010298.D (-437) (-)

Ion 49.00 (48.70 to 49.70): VV010298.D (-437) (-)

Ion 86.00 (85.70 to 86.70): VV010298.D (-437) (-)

2.54

8000

6000

4000

2000

0

2.50 2.55 2.60

Time-->

