

Data File : VV010867.D
Acq On : 14 May 2019 17:29
Operator : SY/MD
Sample : K2737-20
Misc : 3.57G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB868

Quant Time: May 15 07:59:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Wed May 15 06:52:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	105609	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	90930	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	24041	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	27913	20.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.00%
7) Chloroethane-d5	1.57	69	23330	26.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.44%
10) 1,1-Dichloroethene-d2	2.12	63	39922	15.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.72%
20) 2-Butanone-d5	3.95	46	5410	12.78	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	25.56%
24) Chloroform-d	4.40	84	71294	23.38	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.52%
26) 1,2-Dichloroethane-d4	5.08	65	42540	24.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.16%
29) Benzene-d6	5.10	84	137375	27.29	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.16%
33) 1,2-Dichloropropane-d6	6.12	67	47467	29.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	118.24%
37) Toluene-d8	7.36	98	108982	22.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.12%
38) trans-1,3-Dichloropropene-	7.66	79	13848	19.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.08%
39) 2-Hexanone-d5	8.13	63	3860	12.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	25.38%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	32717	21.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.88%
61) 1,2-Dichlorobenzene-d4	11.67	152	21249	21.16	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.64%

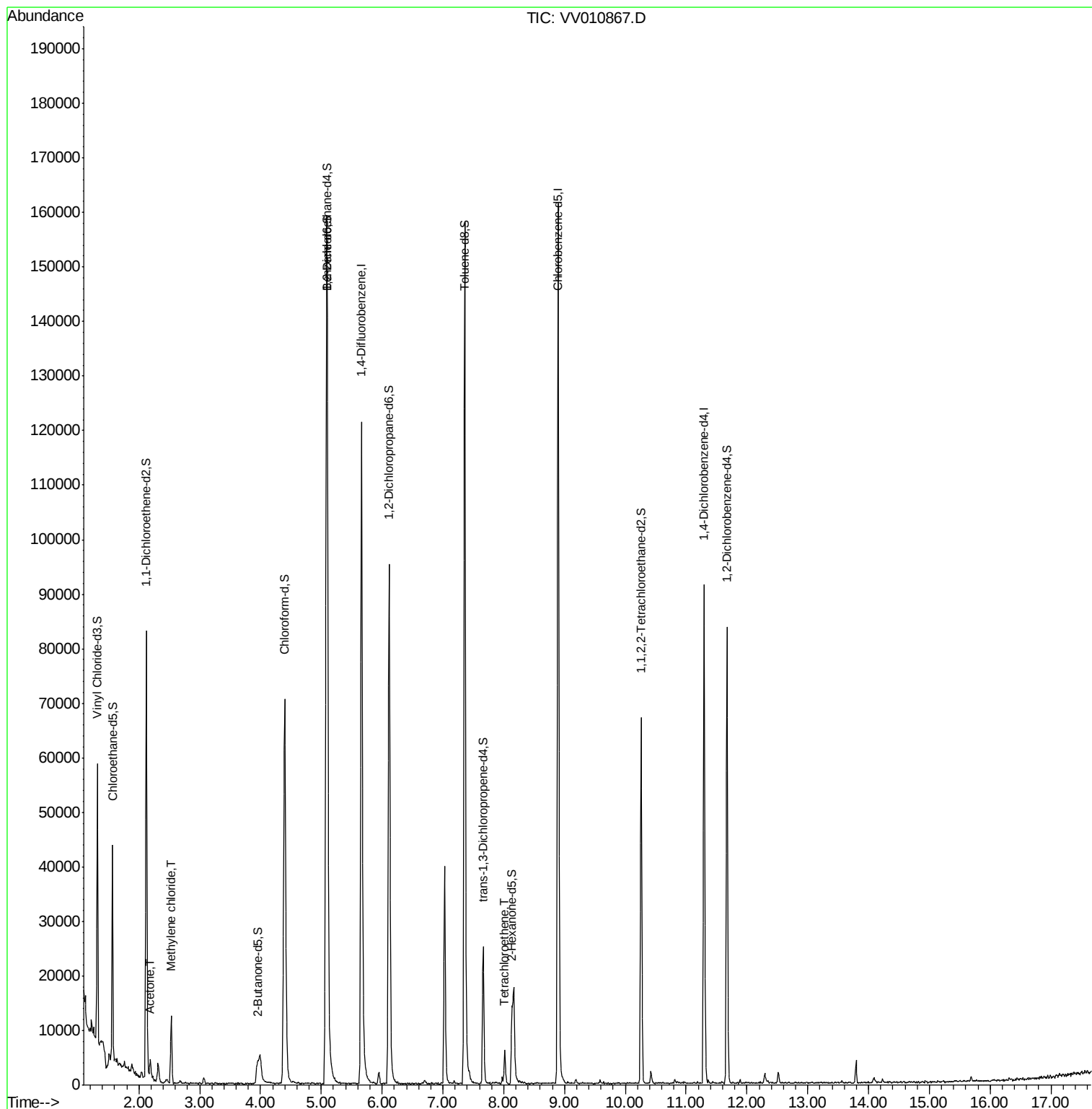
Target Compounds					Qvalue
13) Acetone	2.19	43	2496	5.789 ug/L	98
16) Methylene chloride	2.53	84	4651	2.729 ug/L	93
47) Tetrachloroethene	8.02	164	1356	1.336 ug/L	93

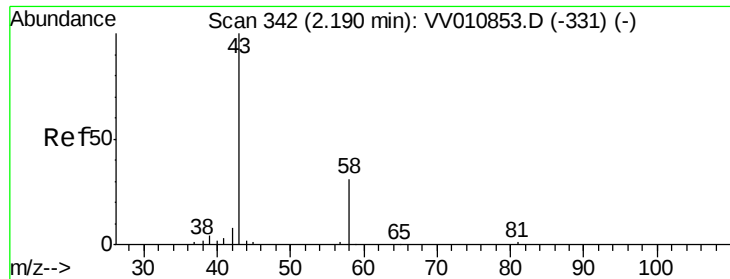
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.789 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampled :

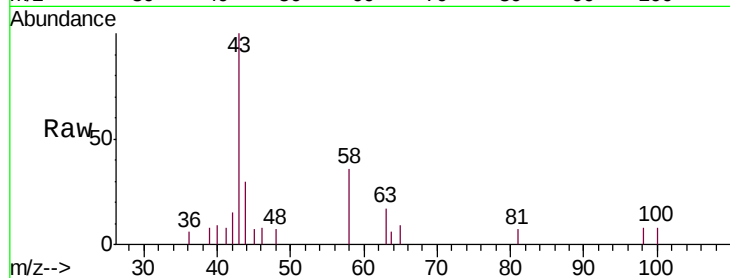
DB868

Tgt Ion: 43 Resp: 2496

Ion Ratio Lower Upper

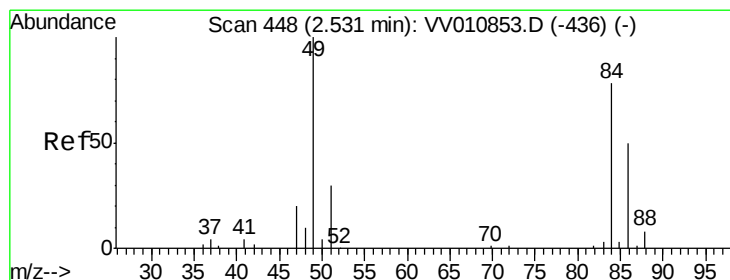
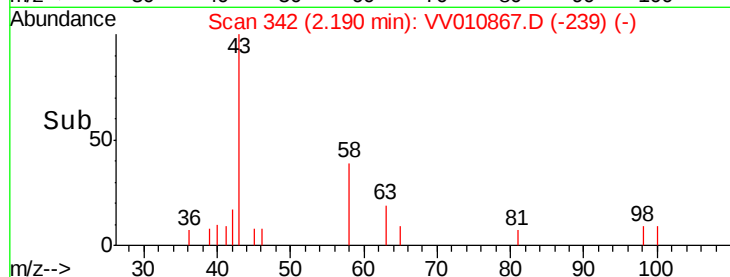
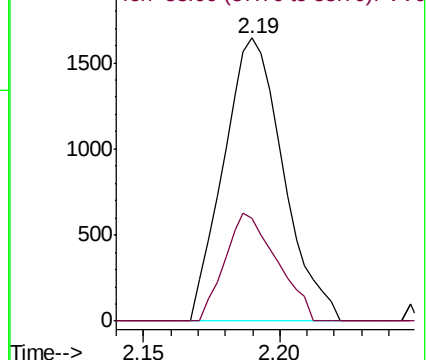
43 100

58 33.4 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VV010867.D (-239) (-)

Ion 58.00 (57.70 to 58.70): VV010867.D (-239) (-)



#16

Methylene chloride

Concen: 2.729 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

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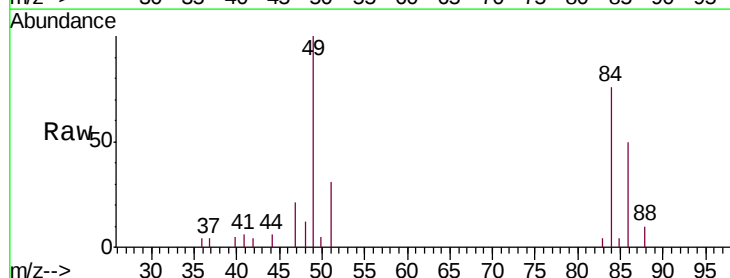
Tgt Ion: 84 Resp: 4651

Ion Ratio Lower Upper

84 100

49 132.1 85.8 159.3

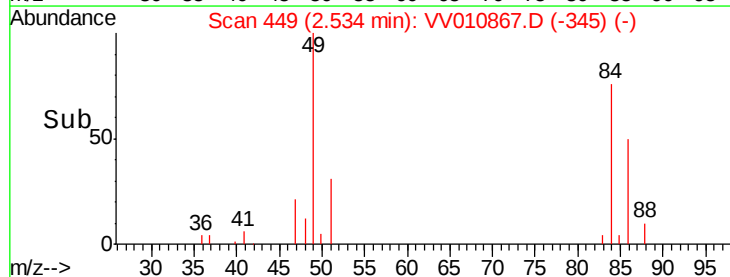
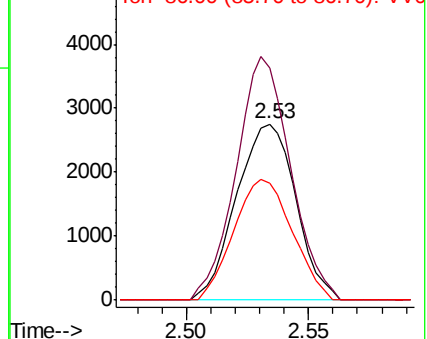
86 66.5 45.0 83.6

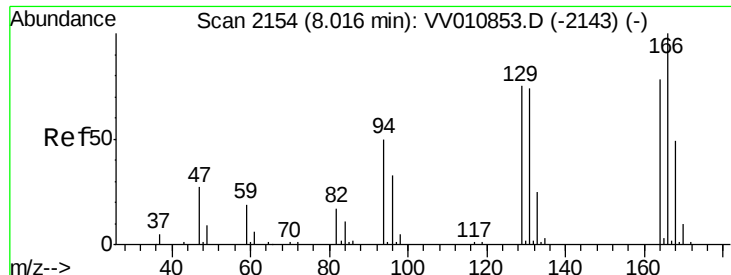


Abundance Ion 84.00 (83.70 to 84.70): VV010867.D (-345) (-)

Ion 49.00 (48.70 to 49.70): VV010867.D (-345) (-)

Ion 86.00 (85.70 to 86.70): VV010867.D (-345) (-)





#47

Tetrachloroethene

Concen: 1.336 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

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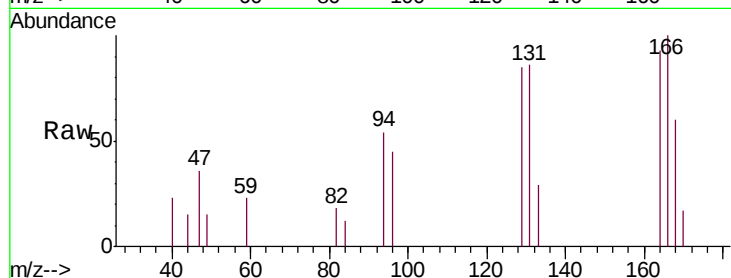
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Tgt Ion:164 Resp: 1356

Ion Ratio Lower Upper

164 100

129 91.5 67.6 125.6

131 92.5 65.1 120.9

166 107.5 84.8 157.6

Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

