

Data File : VV010868.D
Acq On : 14 May 2019 17:56
Operator : SY/MD
Sample : K2737-21
Misc : 4.42G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB869

Quant Time: May 15 08:01:24 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	103832	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	88319	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	24309	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	28920	21.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.44%
7) Chloroethane-d5	1.57	69	23112	26.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.24%
10) 1,1-Dichloroethene-d2	2.12	63	41313	16.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.00%
20) 2-Butanone-d5	3.94	46	6464	15.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	31.06%
24) Chloroform-d	4.40	84	67776	22.61	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.44%
26) 1,2-Dichloroethane-d4	5.08	65	43054	25.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.04%
29) Benzene-d6	5.10	84	139466	28.53	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	114.12%
33) 1,2-Dichloropropane-d6	6.12	67	48165	30.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	123.52%#
37) Toluene-d8	7.36	98	116035	24.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.80%
38) trans-1,3-Dichloropropene-	7.66	79	12046	17.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.84%
39) 2-Hexanone-d5	8.14	63	4089	13.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	27.68%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	30307	20.95	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.80%
61) 1,2-Dichlorobenzene-d4	11.67	152	21985	21.65	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.60%

Target Compounds

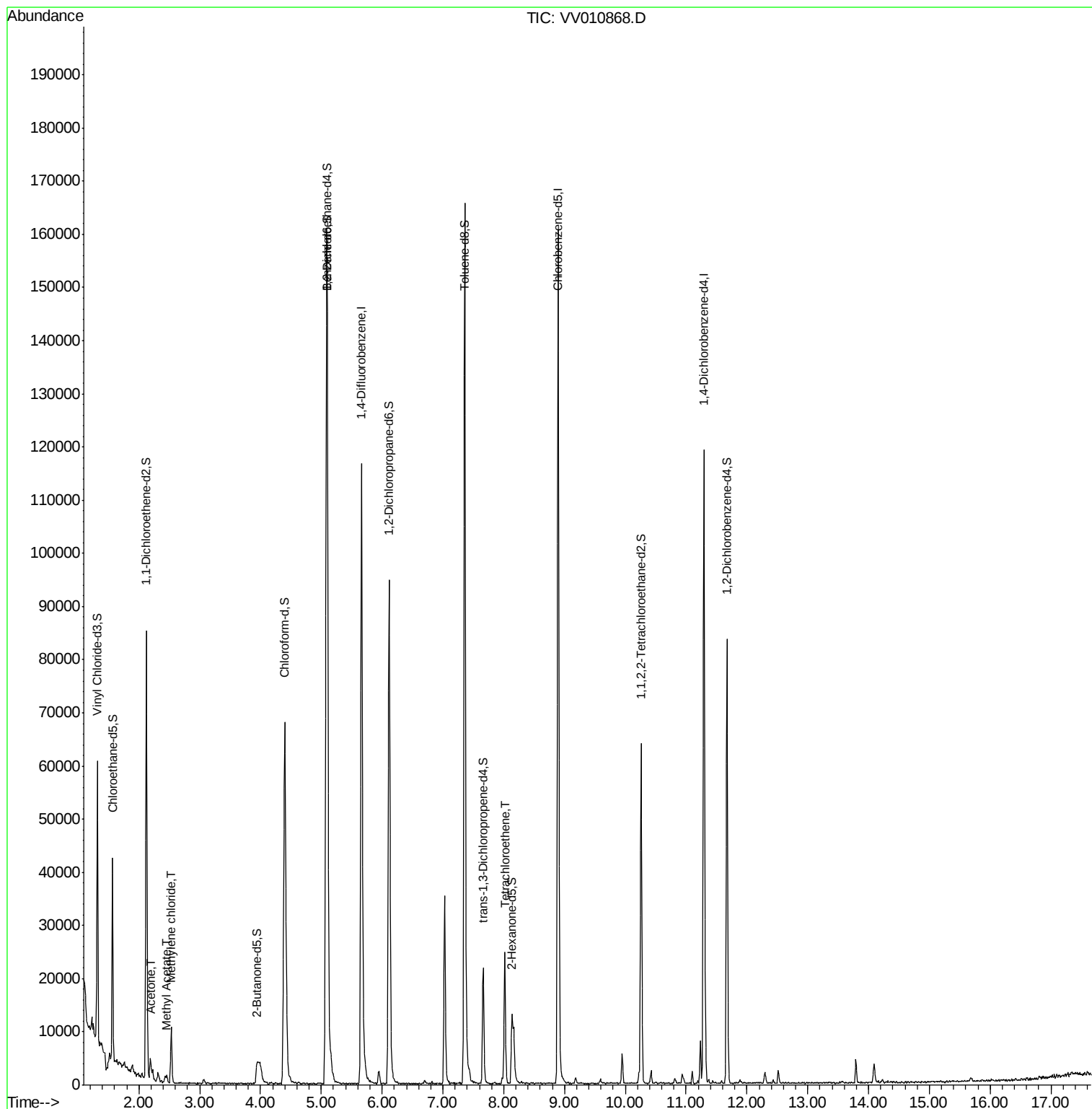
					Qvalue
13) Acetone	2.19	43	2612	6.162 ug/L	92
15) Methyl Acetate	2.46	43	1465	1.659 ug/L #	86
16) Methylene chloride	2.53	84	4021	2.400 ug/L	85
47) Tetrachloroethene	8.02	164	5531	5.611 ug/L	93

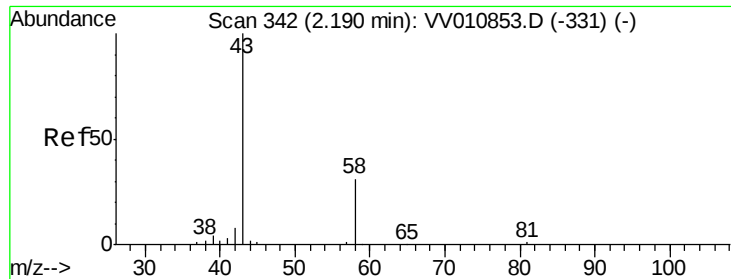
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.162 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

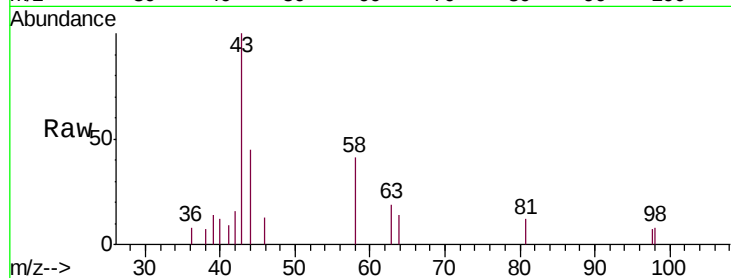
DB869

Tgt Ion: 43 Resp: 2612

Ion Ratio Lower Upper

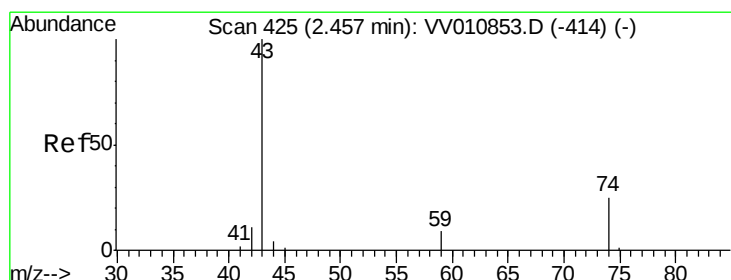
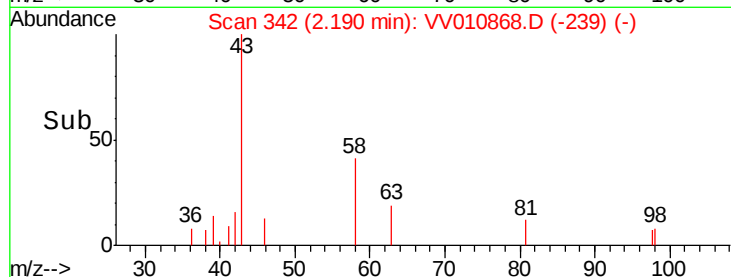
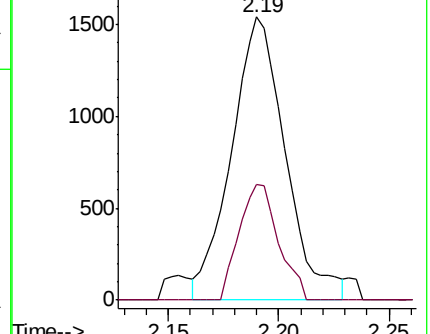
43 100

58 29.9 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#15

Methyl Acetate

Concen: 1.659 ug/L

RT: 2.46 min Scan# 426

Delta R.T. 0.00 min

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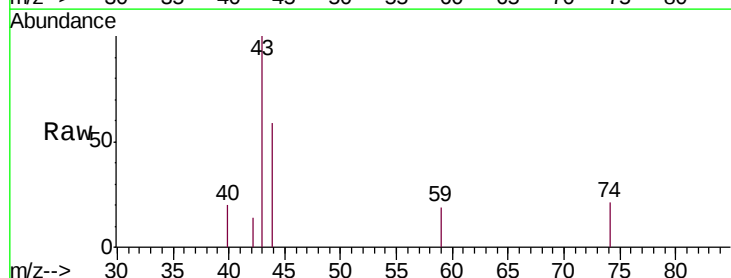
Acq: 14 May 2019 17:56

Tgt Ion: 43 Resp: 1465

Ion Ratio Lower Upper

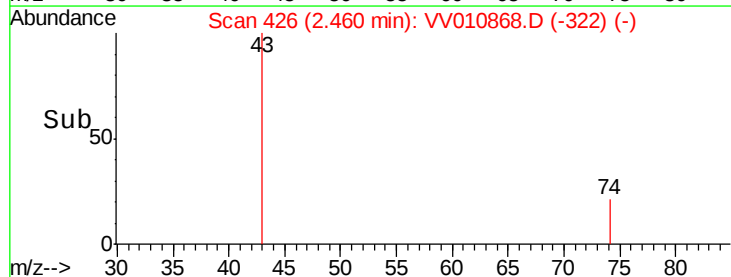
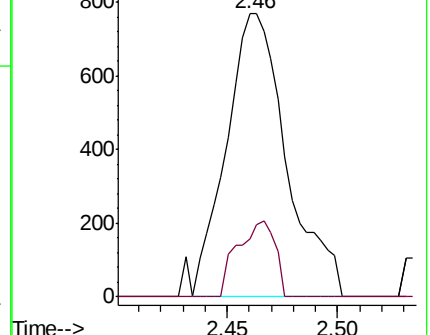
43 100

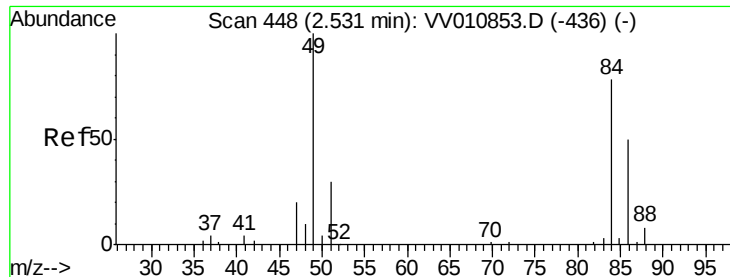
74 16.5 18.6 27.8#



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 74.00 (73.70 to 74.70): VV0

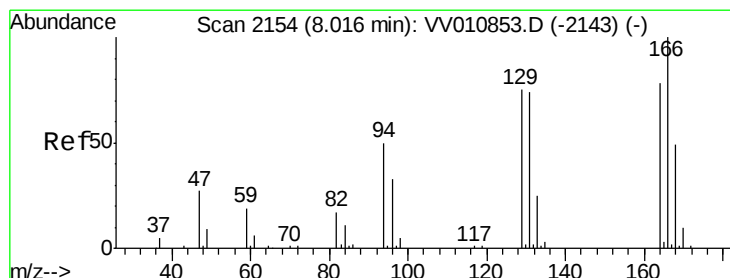
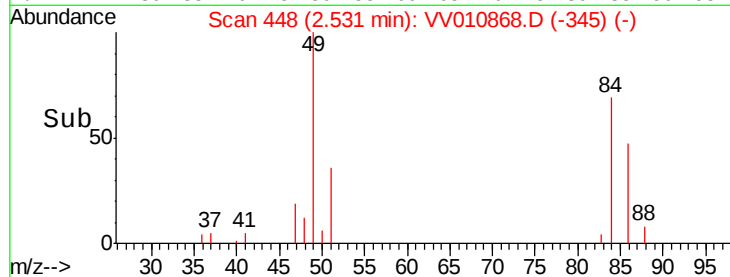
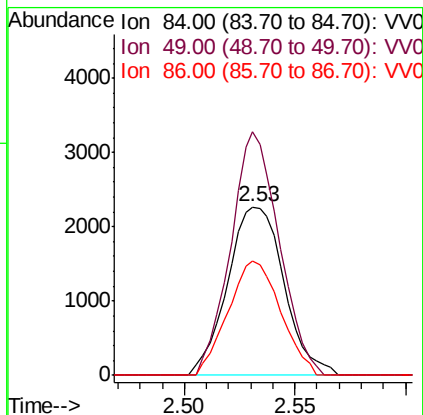
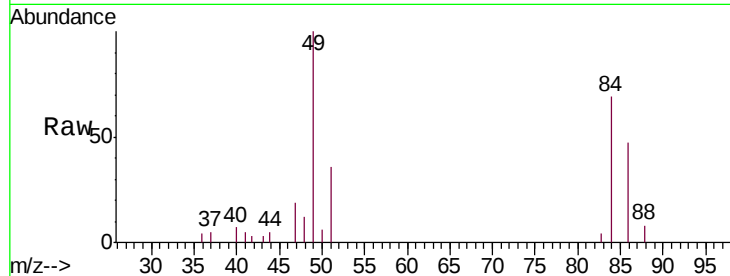




#16
Methylene chloride
Concen: 2.400 ug/L
RT: 2.53 min Scan# 448
Delta R.T. 0.00 min
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Tgt Ion: 84 Resp: 4021
Ion Ratio Lower Upper
84 100
49 144.8 85.8 159.3
86 68.3 45.0 83.6



#47
Tetrachloroethene
Concen: 5.611 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV010868.D
Acq: 14 May 2019 17:56

Tgt Ion: 164 Resp: 5531
Ion Ratio Lower Upper
164 100
129 103.2 67.6 125.6
131 90.4 65.1 120.9
166 134.0 84.8 157.6

