

Data File : VV011032.D
Acq On : 23 May 2019 17:34
Operator : SY/MD
Sample : K3017-04
Misc : 0.16G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51H7

Quant Time: May 24 08:37:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis
QLast Update : Fri May 24 08:16:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	108785	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	111979	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	44323	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25789	20.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.16%
7) Chloroethane-d5	1.56	69	19106	22.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.00%
10) 1,1-Dichloroethene-d2	2.12	63	38327	16.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.28%
20) 2-Butanone-d5	3.94	46	29059	67.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	135.82%#
24) Chloroform-d	4.40	84	71726	25.45	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.80%
26) 1,2-Dichloroethane-d4	5.08	65	42264	25.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.80%
29) Benzene-d6	5.09	84	141224	23.10	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.40%
33) 1,2-Dichloropropane-d6	6.12	67	47283	24.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.36%
37) Toluene-d8	7.36	98	123947	21.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.24%
38) trans-1,3-Dichloropropene-	7.66	79	18851	23.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.56%
39) 2-Hexanone-d5	8.13	63	22148	61.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.26%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	55331	28.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.12%
61) 1,2-Dichlorobenzene-d4	11.67	152	47767	26.54	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.16%

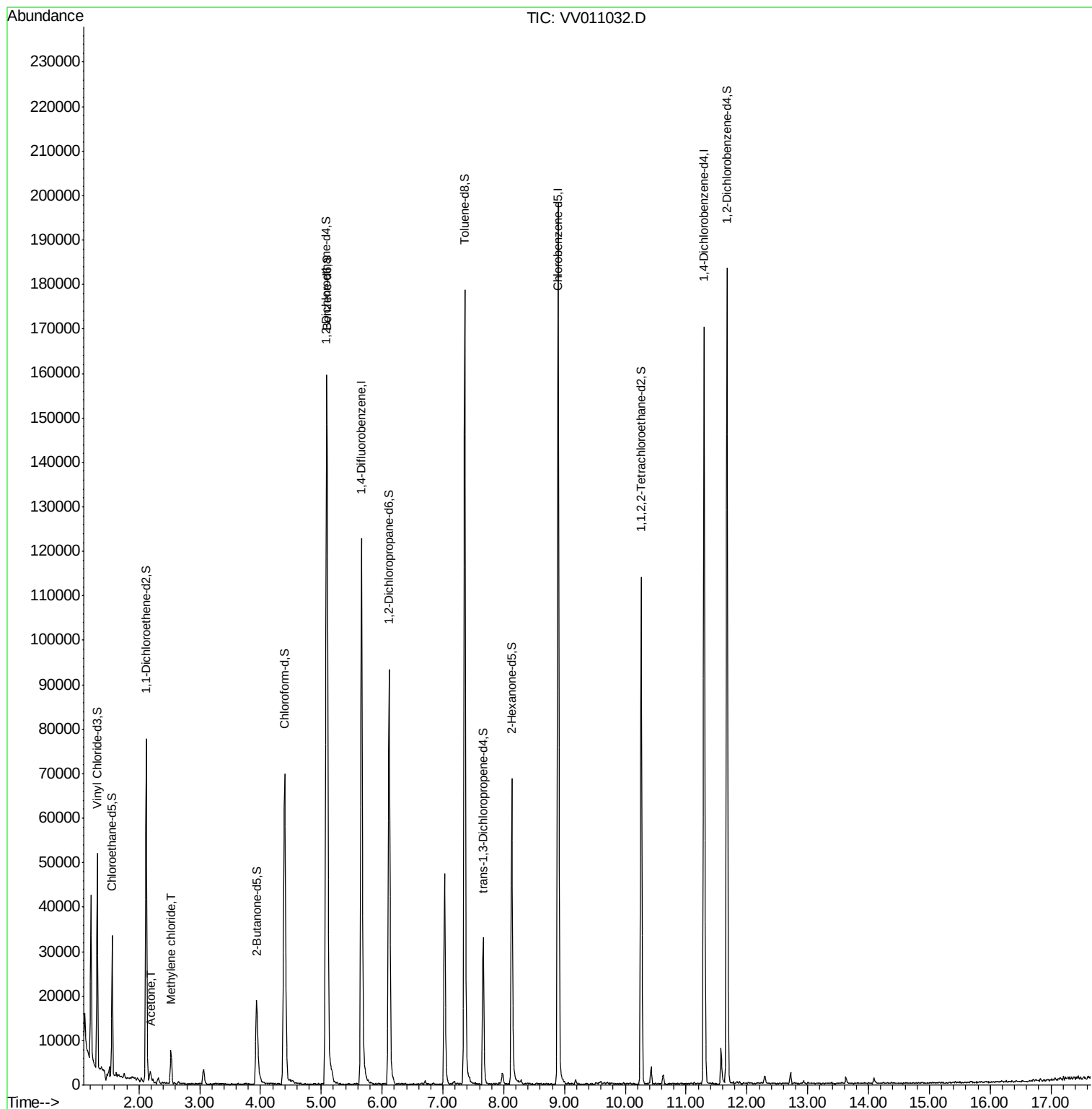
Target Compounds						Qvalue
13) Acetone	2.19	43	2091	5.067	ug/L	95
16) Methylene chloride	2.53	84	3089	1.655	ug/L	92

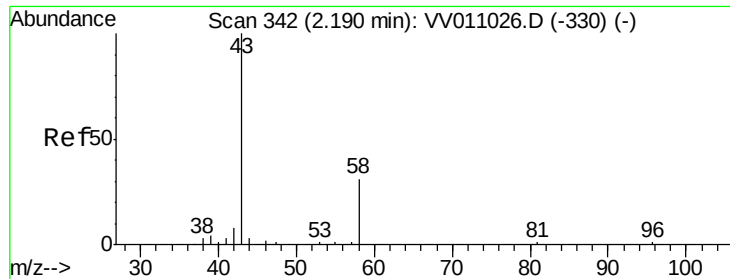
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.067 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

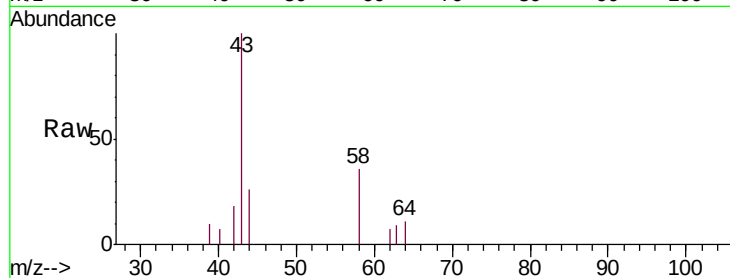
A51H7

Tgt Ion: 43 Resp: 2091

Ion Ratio Lower Upper

43 100

58 33.1 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VV011032.D (-239) (-)

Ion 58.00 (57.70 to 58.70): VV011032.D (-239) (-)

2.19

1500

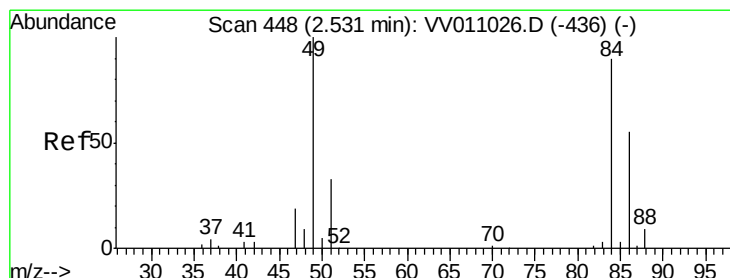
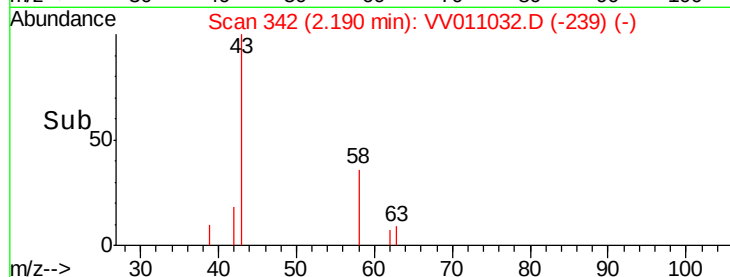
1000

500

0

2.15 2.20

Time-->



#16

Methylene chloride

Concen: 1.655 ug/L

RT: 2.53 min Scan# 447

Delta R.T. -0.00 min

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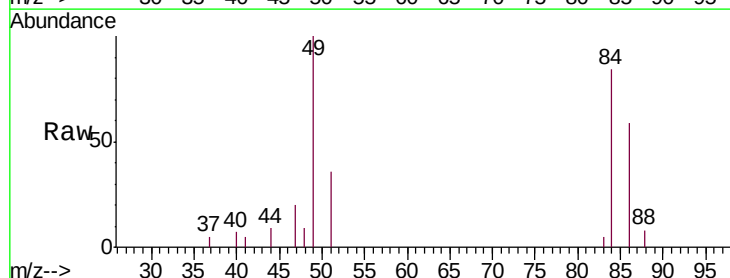
Tgt Ion: 84 Resp: 3089

Ion Ratio Lower Upper

84 100

49 118.8 77.4 143.8

86 70.2 44.0 81.6



Abundance Ion 84.00 (83.70 to 84.70): VV011032.D (-345) (-)

Ion 49.00 (48.70 to 49.70): VV011032.D (-345) (-)

Ion 86.00 (85.70 to 86.70): VV011032.D (-345) (-)

2.53

3000

2500

2000

1500

1000

500

0

2.50 2.55

Time-->

