

Data File : VV011093.D
Acq On : 29 May 2019 06:52
Operator : SY/MD
Sample : K3016-22
Misc : 4.69G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51D9

Quant Time: May 29 07:16:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
Quant Title : VOC Analysis
QLast Update : Wed May 29 07:13:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	394445	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	340445	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	96378	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	118326	21.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.52%
7) Chloroethane-d5	1.55	69	92345	23.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.72%
10) 1,1-Dichloroethene-d2	2.11	63	154539	15.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.44%
20) 2-Butanone-d5	3.93	46	112960	60.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.20%
24) Chloroform-d	4.39	84	217030	22.69	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.76%
26) 1,2-Dichloroethane-d4	5.08	65	144097	23.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.24%
29) Benzene-d6	5.09	84	474697	23.81	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.24%
33) 1,2-Dichloropropane-d6	6.11	67	154423	24.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.40%
37) Toluene-d8	7.36	98	428691	23.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.32%
38) trans-1,3-Dichloropropene-	7.66	79	64898	21.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.84%
39) 2-Hexanone-d5	8.13	63	89556	64.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.64%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	146181	26.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.24%
61) 1,2-Dichlorobenzene-d4	11.67	152	84393	22.14	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.56%

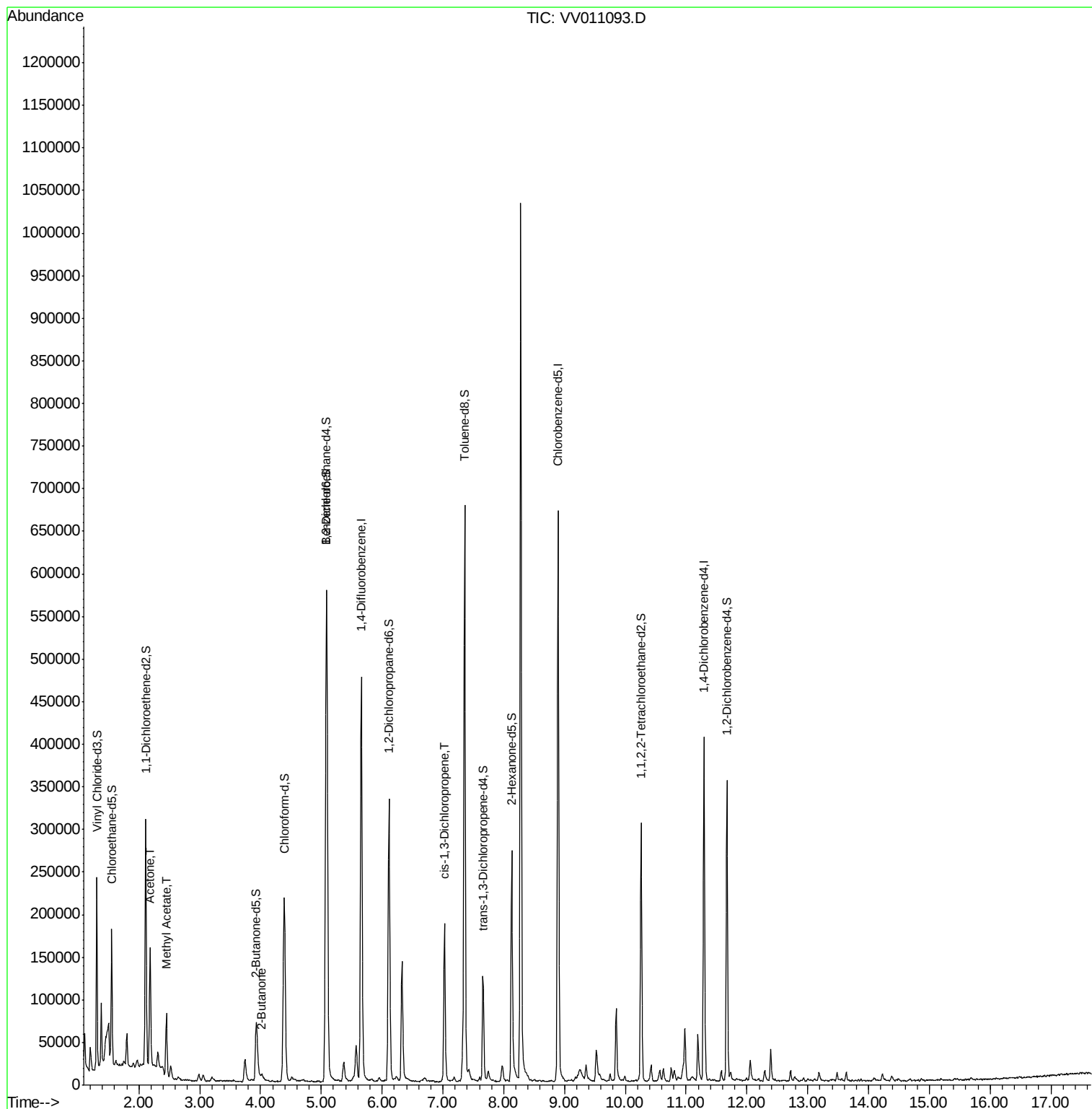
Target Compounds					Qvalue
13) Acetone	2.18	43	136767	64.772 ug/L	98
15) Methyl Acetate	2.45	43	82886	27.196 ug/L	# 100
21) 2-Butanone	4.03	43	10304	3.963 ug/L	86
42) cis-1,3-Dichloropropene	7.03	75	5001	0.571 ug/L	88

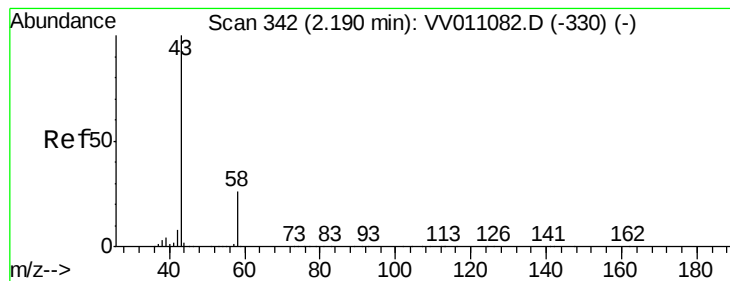
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 64.772 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.01 min

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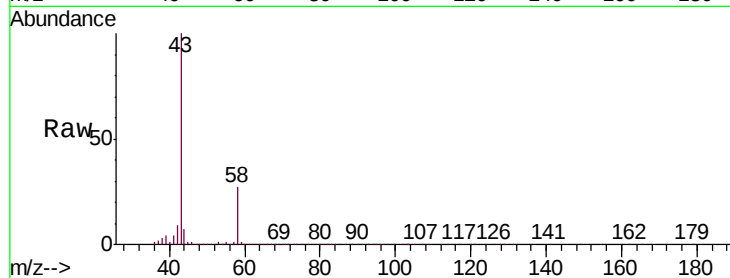
Instrument :
MSVOA_V
ClientSampleId :
A51D9

Tgt Ion: 43 Resp: 136767

Ion Ratio Lower Upper

43 100

58 26.2 0.0 54.8



Abundance Ion 43.00 (42.70 to 43.70): VV011082.D (-330) (-)

Ion 58.00 (57.70 to 58.70): VV011082.D (-330) (-)

2.18

100000

80000

60000

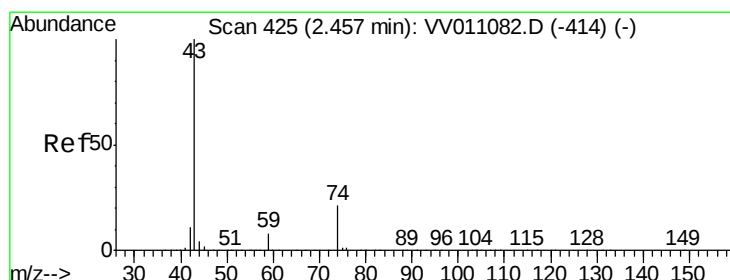
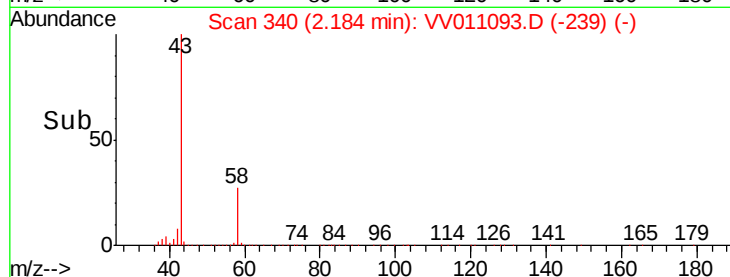
40000

20000

0

Time-->

2.10 2.15 2.20 2.25



#15

Methyl Acetate

Concen: 27.196 ug/L

RT: 2.45 min Scan# 424

Delta R.T. -0.00 min

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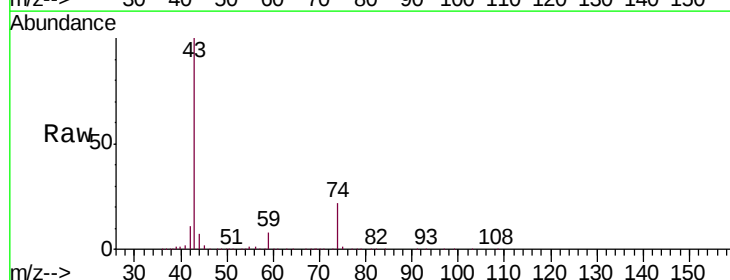
Acq: 29 May 2019 06:52

Tgt Ion: 43 Resp: 82886

Ion Ratio Lower Upper

43 100

74 22.0 0.0 0.0#



Abundance Ion 43.00 (42.70 to 43.70): VV011082.D (-414) (-)

Ion 74.00 (73.70 to 74.70): VV011082.D (-414) (-)

2.45

60000

50000

40000

30000

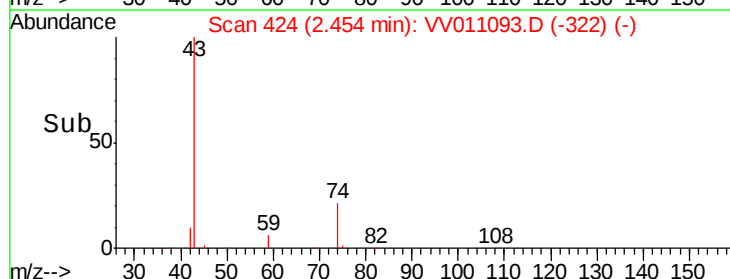
20000

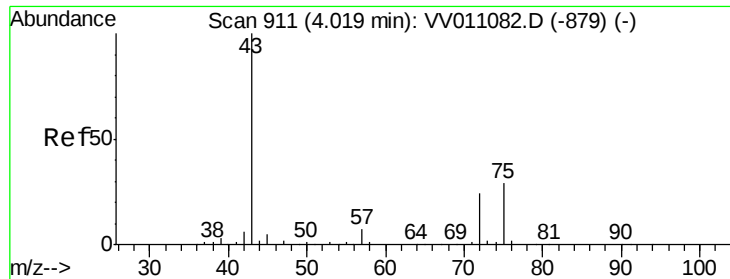
10000

0

Time-->

2.40 2.45 2.50





#21

2-Butanone

Concen: 3.963 ug/L

RT: 4.03 min Scan# 913

Delta R.T. 0.01 min

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Acq: 29 May 2019 06:52

Instrument :

MSVOA_V

ClientSampleId :

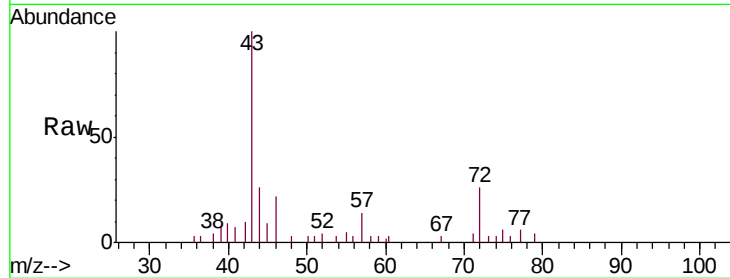
A51D9

Tgt Ion: 43 Resp: 10304

Ion Ratio Lower Upper

43 100

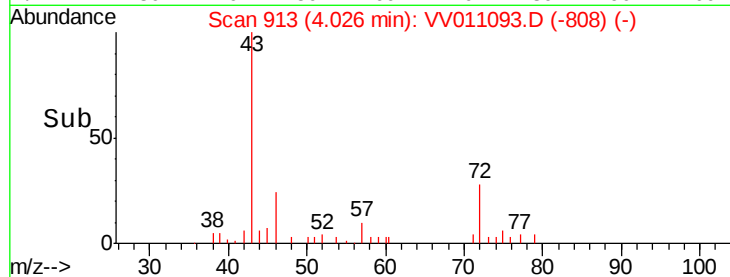
72 27.8 10.7 31.9



Abundance Ion 43.00 (42.70 to 43.70): VV011082.D (-879) (-)

Ion 72.00 (71.70 to 72.70): VV011082.D (-879) (-)

Time-->

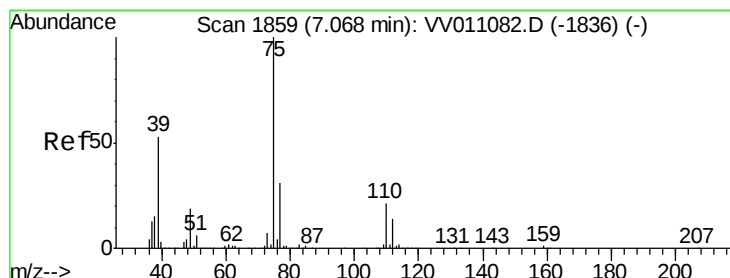


Abundance

Ion 43.00 (42.70 to 43.70): VV011093.D (-808) (-)

Ion 72.00 (71.70 to 72.70): VV011093.D (-808) (-)

Time-->



#42

cis-1,3-Dichloropropene

Concen: 0.571 ug/L

RT: 7.03 min Scan# 1846

Delta R.T. -0.04 min

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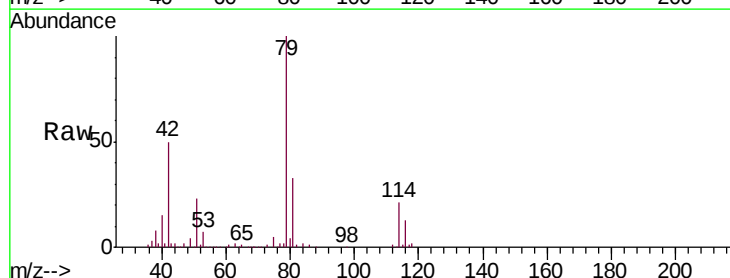
Acq: 29 May 2019 06:52

Tgt Ion: 75 Resp: 5001

Ion Ratio Lower Upper

75 100

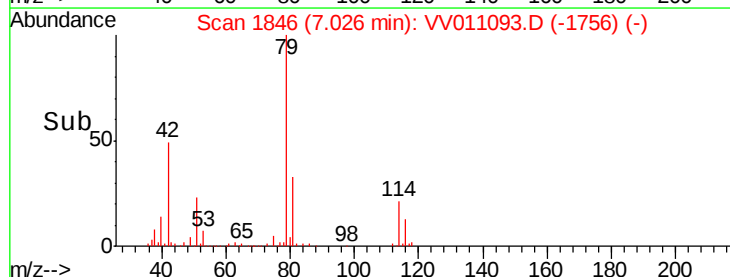
77 38.5 22.5 41.7



Abundance Ion 75.00 (74.70 to 75.70): VV011082.D (-1836) (-)

Ion 77.00 (76.70 to 77.70): VV011082.D (-1836) (-)

Time-->



Abundance

Ion 75.00 (74.70 to 75.70): VV011093.D (-1756) (-)

Ion 77.00 (76.70 to 77.70): VV011093.D (-1756) (-)

Time-->