

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052819\
 Data File : VV011085.D
 Acq On : 29 May 2019 03:07
 Operator : SY/MD
 Sample : K3016-14
 Misc : 4.90G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A51D1

Quant Time: May 29 04:16:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 29 04:06:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	439424	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	371630	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	114665	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	141970	23.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.28%
7) Chloroethane-d5	1.56	69	114079	26.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.12%
10) 1,1-Dichloroethene-d2	2.12	63	217286	19.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.56%
20) 2-Butanone-d5	3.93	46	155272	74.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	149.56%#
24) Chloroform-d	4.39	84	299576	28.11	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.44%
26) 1,2-Dichloroethane-d4	5.07	65	199508	29.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	117.12%
29) Benzene-d6	5.09	84	633366	29.11	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	116.44%
33) 1,2-Dichloropropane-d6	6.11	67	213874	30.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	123.56%#
37) Toluene-d8	7.36	98	536106	26.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.92%
38) trans-1,3-Dichloropropene-	7.66	79	86601	26.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	107.40%
39) 2-Hexanone-d5	8.13	63	115794	76.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	153.54%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	177485	29.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	119.28%
61) 1,2-Dichlorobenzene-d4	11.67	152	112746	24.86	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.44%

Target Compounds

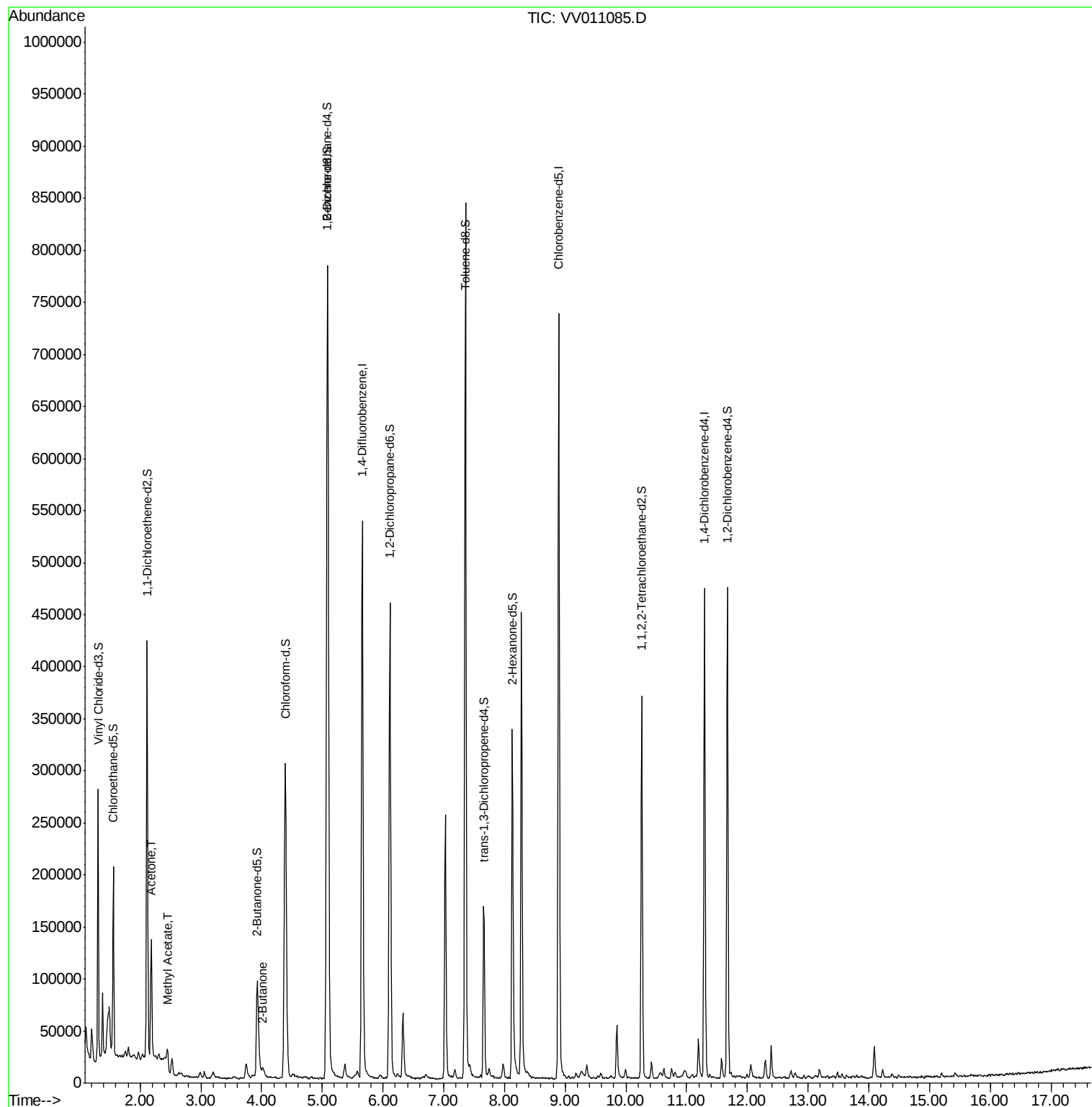
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.18	43	109134	46.395	ug/L	98
15) Methyl Acetate	2.45	43	19892	5.859	ug/L #	100
21) 2-Butanone	4.02	43	12876	4.445	ug/L	80

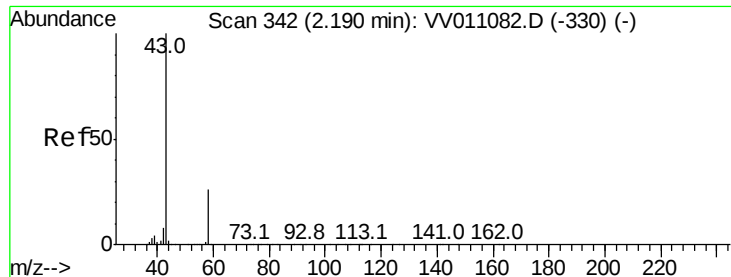
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 46.395 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.01 min

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MSVOA_V

ClientSampleId :

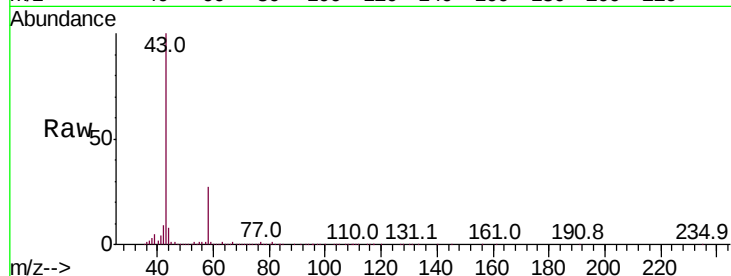
A51D1

Tot Ion: 43 Resp: 109134

Ion Ratio Lower Upper

43 100

58 28.2 0.0 54.8



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2.18

80000

60000

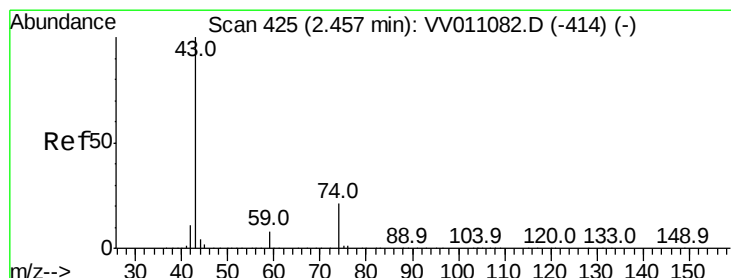
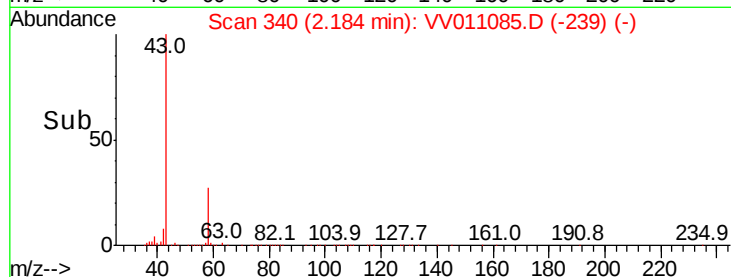
40000

20000

0

Time-->

2.15 2.20 2.25



#15

Methyl Acetate

Concen: 5.859 ug/L

RT: 2.45 min Scan# 423

Delta R.T. -0.01 min

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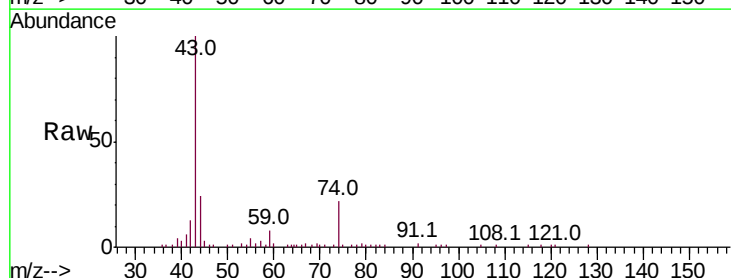
Acq: 29 May 2019 03:07

Tgt Ion: 43 Resp: 19892

Ion Ratio Lower Upper

43 100

74 24.4 0.0 0.0#



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 74.00 (73.70 to 74.70): VV0

2.45

15000

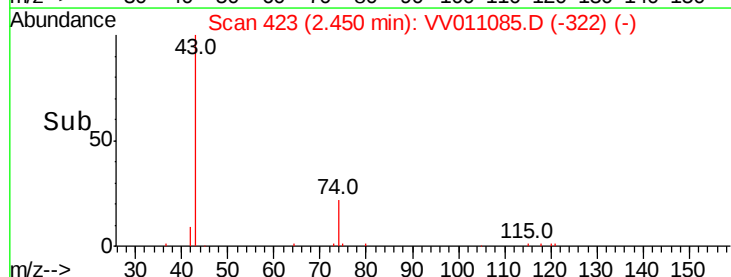
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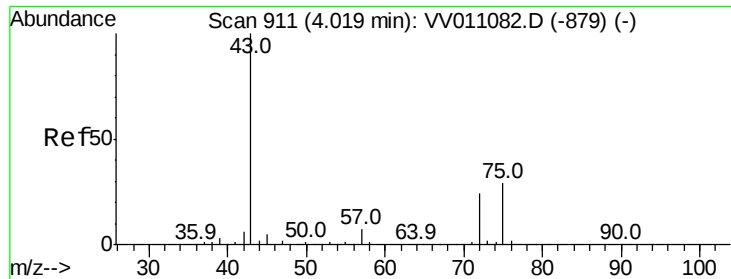
5000

0

Time-->

2.40 2.45 2.50





#21

2-Butanone

Concen: 4.445 ug/L

RT: 4.02 min Scan# 912

Delta R.T. 0.00 min

Lab File: VV011085.D

Acq: 29 May 2019 03:07

Instrument :
MSVOA_V
ClientSampleId :
A51D1

Tot Ion: 43 Resp: 12876

Ion Ratio Lower Upper

43 100

72 12.0 10.7 31.9

