

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052819\
 Data File : VV011087.D
 Acq On : 29 May 2019 04:03
 Operator : SY/MD
 Sample : K3016-16RE
 Misc : 5.00G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A51D3RE

Quant Time: May 29 07:30:06 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	237523	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	204835	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	62919	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	115318	35.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	141.64%
7) Chloroethane-d5	1.56	69	92035	39.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	158.40%#
10) 1,1-Dichloroethene-d2	2.12	63	158110	26.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	104.40%
20) 2-Butanone-d5	3.93	46	109883	97.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	195.80%#
24) Chloroform-d	4.39	84	227332	39.47	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	157.88%#
26) 1,2-Dichloroethane-d4	5.07	65	148397	40.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	161.20%#
29) Benzene-d6	5.09	84	504036	42.03	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	168.12%#
33) 1,2-Dichloropropane-d6	6.11	67	168460	44.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	176.60%#
37) Toluene-d8	7.36	98	451659	40.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	163.40%#
38) trans-1,3-Dichloropropene-	7.66	79	70711	39.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	159.12%#
39) 2-Hexanone-d5	8.13	63	88146	106.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	212.06%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	157690	48.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	192.24%#
61) 1,2-Dichlorobenzene-d4	11.67	152	99064	39.82	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	159.28%#

Target Compounds

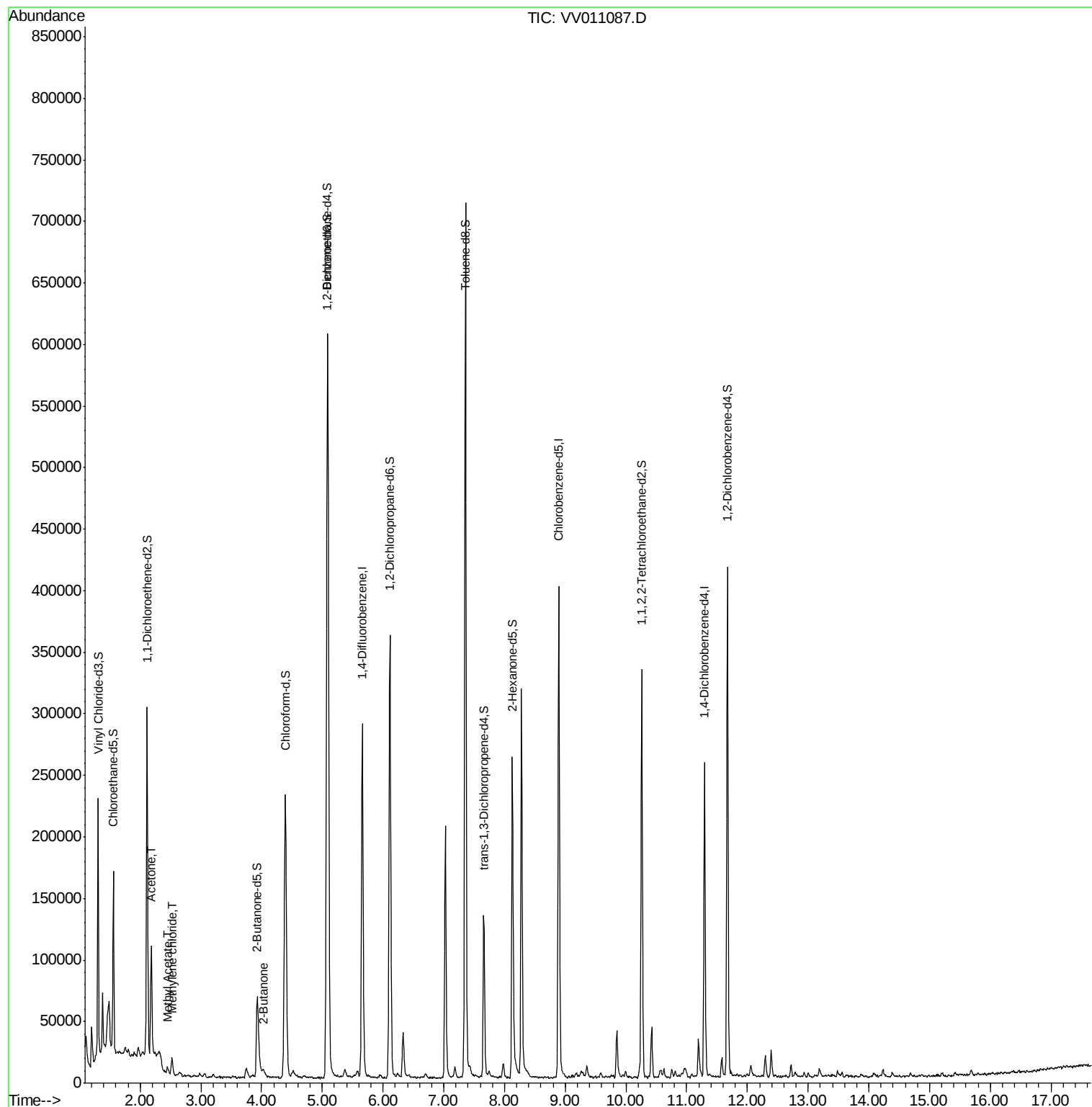
					Ovalue
13) Acetone	2.18	43	87288	68.650	ug/L 100
15) Methyl Acetate	2.45	43	5884	3.206	ug/L # 100
16) Methylene chloride	2.52	84	5452	1.570	ug/L 97
21) 2-Butanone	4.04	43	7223	4.613	ug/L 85

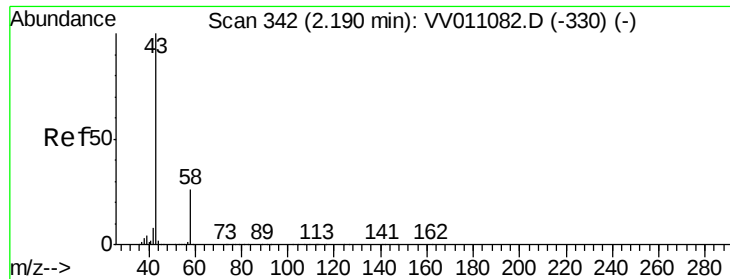
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 29 07:13:03 2019
Response via : Initial Calibration





#13

Acetone

Concen: 68.650 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.01 min

Lab File: VV011087.D

Acq: 29 May 2019 04:03

Instrument :

MSVOA_V

ClientSampleId :

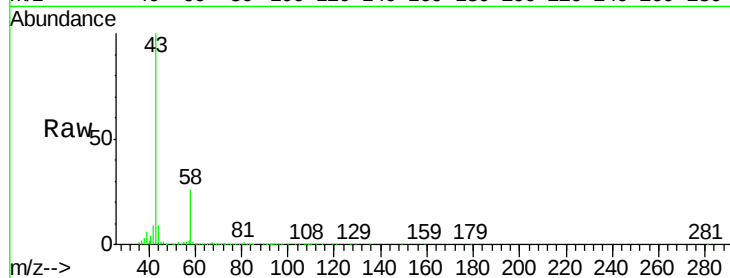
A51D3RE

Tot Ion: 43 Resp: 87288

Ion Ratio Lower Upper

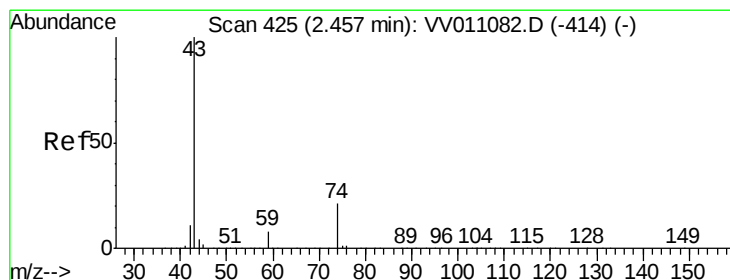
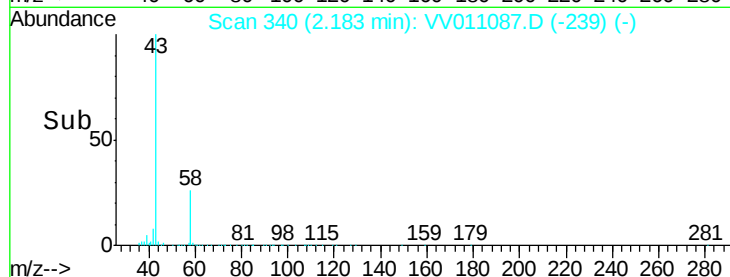
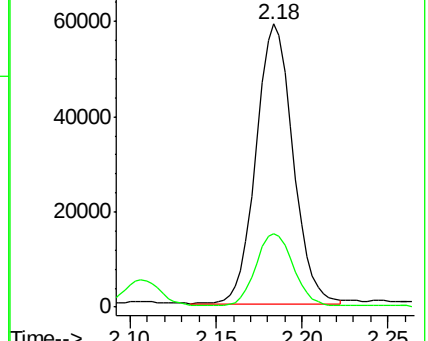
43 100

58 27.4 0.0 54.8



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#15

Methyl Acetate

Concen: 3.206 ug/L

RT: 2.45 min Scan# 424

Delta R.T. -0.00 min

Lab File: VV011087.D

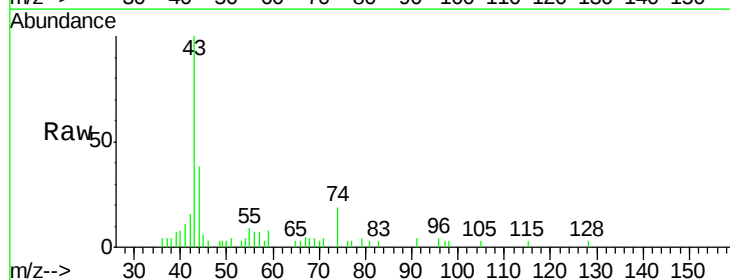
Acq: 29 May 2019 04:03

Tgt Ion: 43 Resp: 5884

Ion Ratio Lower Upper

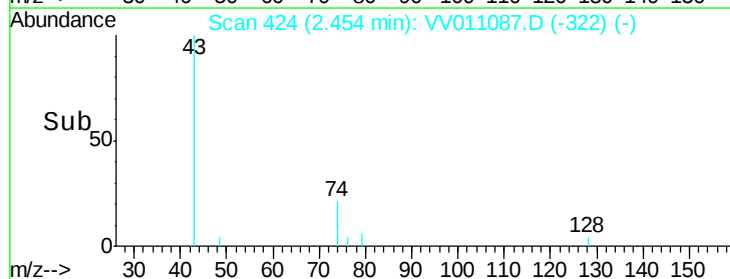
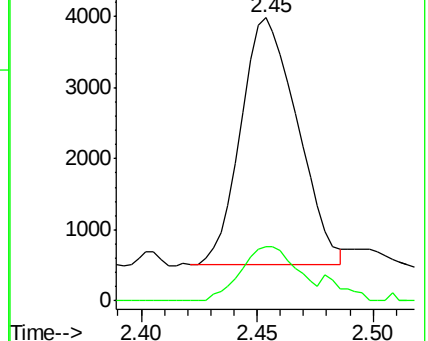
43 100

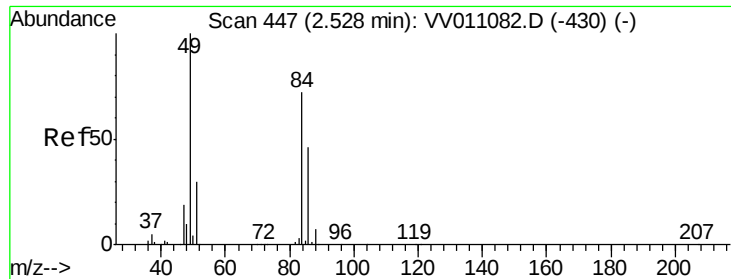
74 21.8 0.0 0.0#



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 74.00 (73.70 to 74.70): VV0

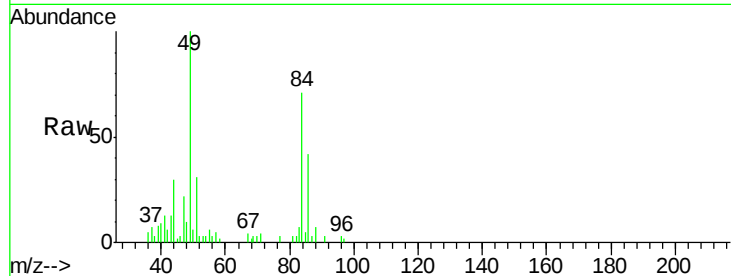




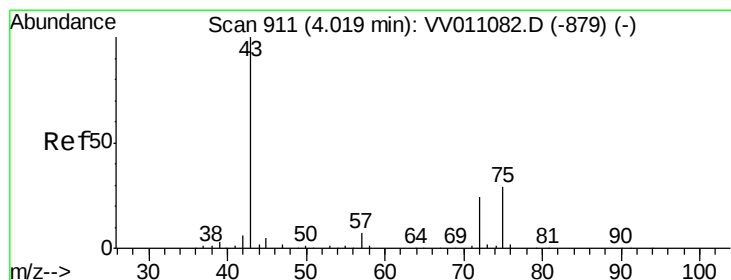
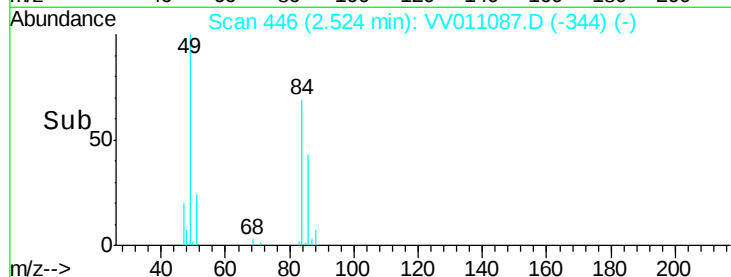
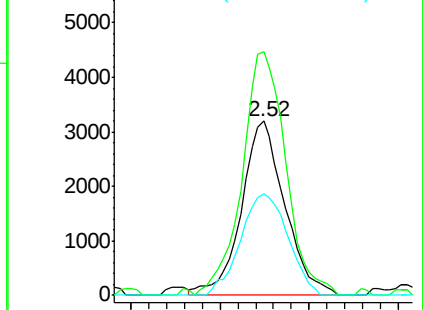
#16
Methvlene chloride
Concen: 1.570 ug/L
RT: 2.52 min Scan# 446
Delta R.T. -0.00 min
Lab File: VV011087.D
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Instrument :
MSVOA_V
ClientSampleId :
A51D3RE

Tot Ion: 84 Resp: 5452
Ion Ratio Lower Upper
84 100
49 140.0 98.0 182.0
86 58.3 45.4 84.4

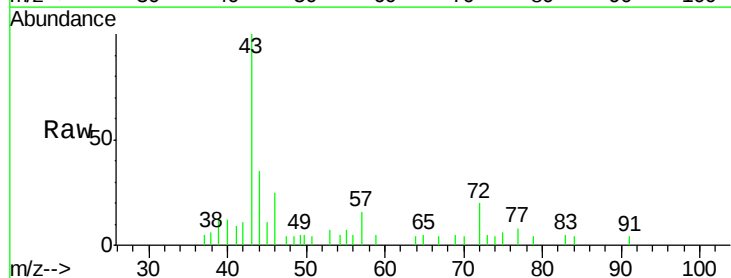


Abundance Ion 84.00 (83.70 to 84.70): VV0
Ion 49.00 (48.70 to 49.70): VV0
Ion 86.00 (85.70 to 86.70): VV0



#21
2-Butanone
Concen: 4.613 ug/L
RT: 4.04 min Scan# 916
Delta R.T. 0.02 min
Lab File: VV011087.D
Acq: 29 May 2019 04:03

Tgt Ion: 43 Resp: 7223
Ion Ratio Lower Upper
43 100
72 14.2 10.7 31.9



Abundance Ion 43.00 (42.70 to 43.70): VV0
Ion 72.00 (71.70 to 72.70): VV0

