

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092319\
 Data File : VV012947.D
 Acq On : 23 Sep 2019 20:07
 Operator : SY/MD
 Sample : K4958-16
 Misc : 3.77G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ESNZ9

Manual Integrations
 APPROVED

MMDadoda
 9/24/2019 12:25:53 PM

Quant Time: Sep 24 08:21:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 24 07:38:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	618059	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	501861	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	148676	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	212714	22.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.72%
7) Chloroethane-d5	1.58	69	194902	25.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.56%
10) 1,1-Dichloroethene-d2	2.13	63	285651	17.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.64%
20) 2-Butanone-d5	3.93	46	117930	35.62	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.24%
24) Chloroform-d	4.40	84	410810	24.20	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.08	65	243190	24.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.56%
29) Benzene-d6	5.10	84	848278	30.27	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	121.08%
33) 1,2-Dichloropropane-d6	6.12	67	268008	30.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	122.04%#
37) Toluene-d8	7.36	98	660328	25.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.84%
38) trans-1,3-Dichloropropene-	7.66	79	75314	20.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.00%
39) 2-Hexanone-d5	8.13	63	75455	42.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.38%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	174473	20.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.64%
61) 1,2-Dichlorobenzene-d4	11.67	152	134049	23.21	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.84%

Target Compounds					Ovalue
13) Acetone	2.18	43	54744	15.555 ug/L	100
16) Methylene chloride	2.53	84	49670	5.377 ug/L	98
21) 2-Butanone	4.03	43	9689m	2.366 ug/L	

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

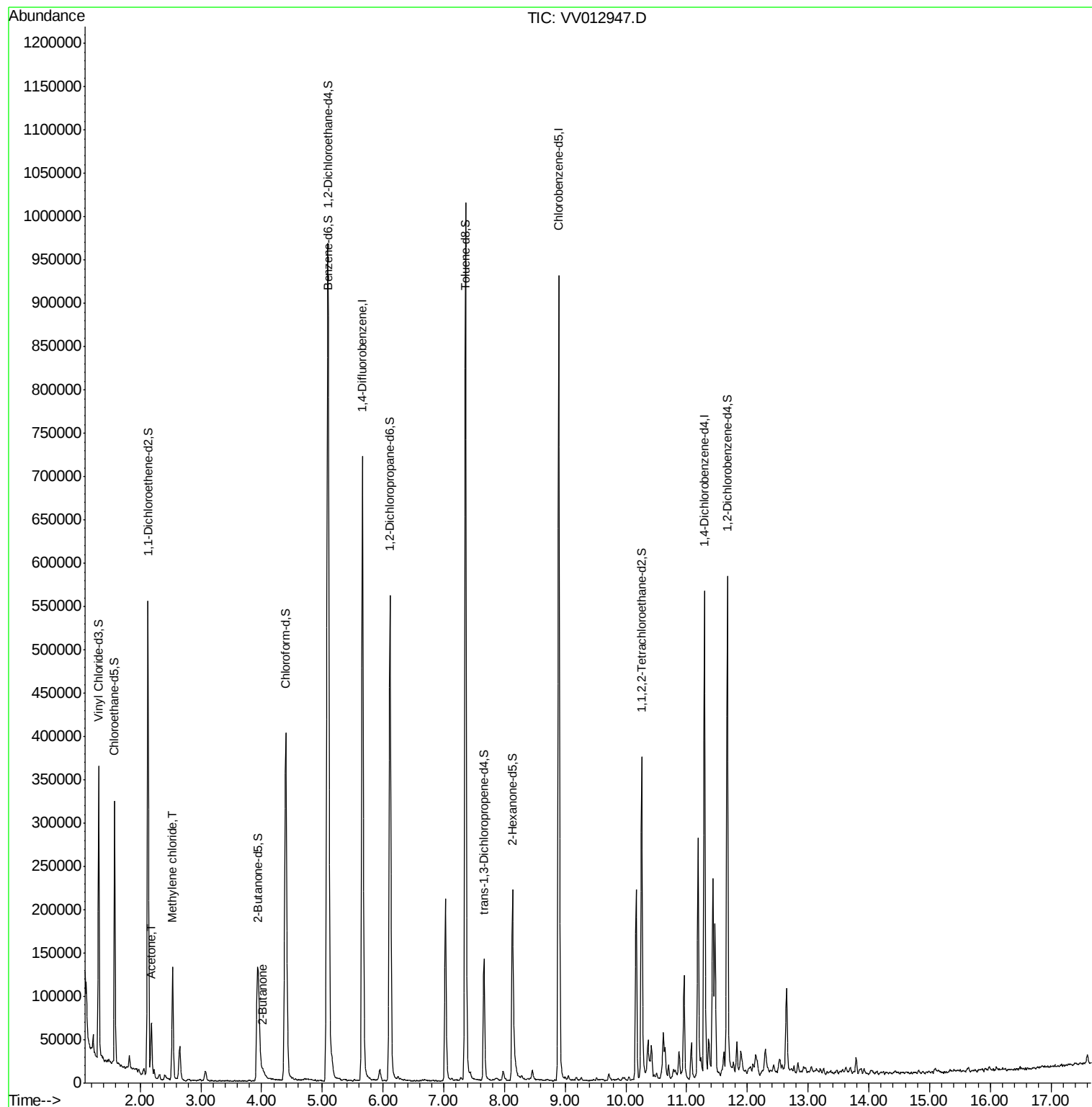
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092319\
Data File : VV012947.D
Acq On : 23 Sep 2019 20:07
Operator : SY/MD
Sample : K4958-16
Misc : 3.77G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

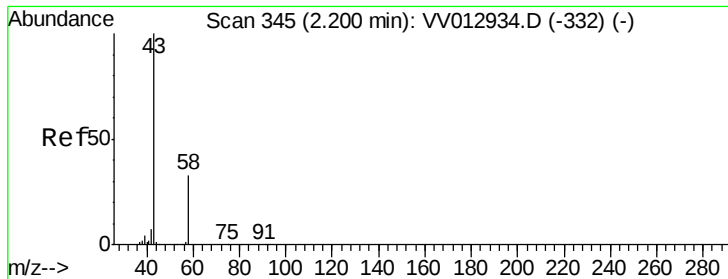
Instrument :
MSVOA_V
ClientSampleId :
ESNZ9

Manual Integrations
APPROVED

MMDadoda
9/24/2019 12:25:53 PM

Quant Time: Sep 24 08:21:27 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 24 07:38:53 2019
Response via : Initial Calibration





#13

Acetone

Concen: 15.555 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.02 min

Lab File: VV012947.D

Acq: 23 Sep 2019 20:07

Instrument :

MSVOA_V

ClientSampleId :

ESNZ9

Tot Ion: 43 Resp: 54744

Ion Ratio Lower Upper

43 100

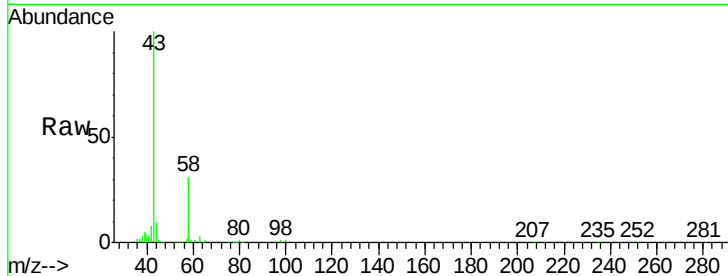
58 32.3 0.0 65.0

Manual Integrations

APPROVED

MMDadoda

9/24/2019 12:25:53 PM



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2.18

40000

30000

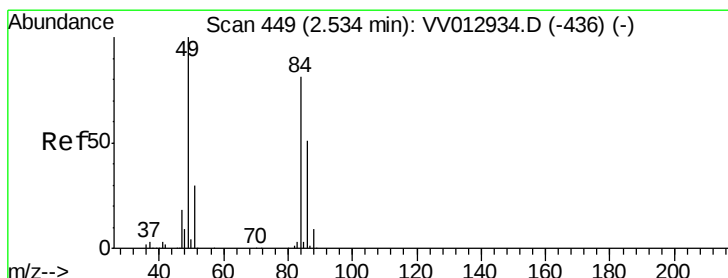
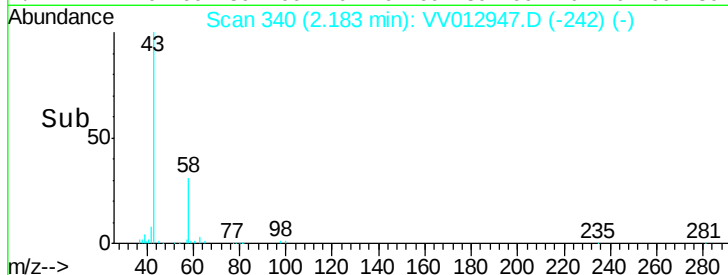
20000

10000

0

Time-->

2.15 2.20 2.25



#16

Methylene chloride

Concen: 5.377 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

Lab File: VV012947.D

Acq: 23 Sep 2019 20:07

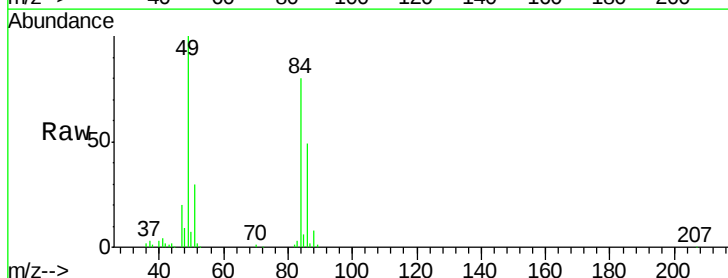
Tgt Ion: 84 Resp: 49670

Ion Ratio Lower Upper

84 100

49 124.8 88.3 164.1

86 61.7 44.9 83.3



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

50000

40000

30000

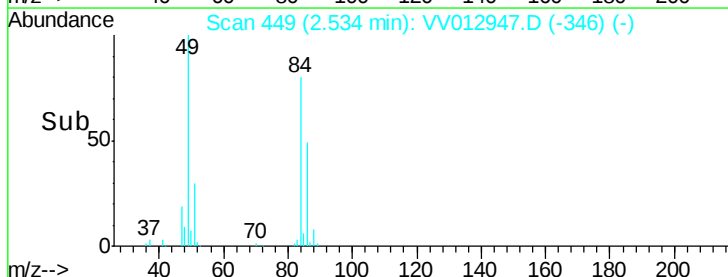
20000

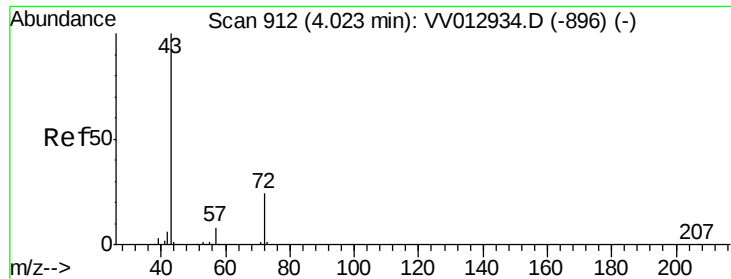
10000

0

Time-->

2.50 2.55 2.60





#21
 2-Butanone
 Concen: 2.366 ug/L m
 RT: 4.03 min Scan# 915
 Delta R.T. 0.01 min
 Lab File: VV012947.D
 Acq: 23 Sep 2019 20:07

Instrument :
 MSVOA_V
 ClientSampleId :
 ESNZ9

Tot Ion	Ratio	Lower	Upper
43	100		
72	2.4	11.9	35.9#

Manual Integrations
 APPROVED

MMDadoda
 9/24/2019 12:25:53 PM

