

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV122018\
 Data File : VV009097.D
 Acq On : 20 Dec 2018 22:11
 Operator : SY/MD
 Sample : J6468-03
 Misc : 6.61 G/10ML/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0JG1

Quant Time: Dec 21 01:39:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 21 01:30:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	251232	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	215035	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	86031	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	51288	19.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.92%
7) Chloroethane-d5	1.58	69	52321	27.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.96%
10) 1,1-Dichloroethene-d2	2.13	63	100849	15.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.08%
20) 2-Butanone-d5	3.94	46	40565	42.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.72%
24) Chloroform-d	4.40	84	151917	25.15	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.60%
26) 1,2-Dichloroethane-d4	5.08	65	90445	27.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.76%
29) Benzene-d6	5.10	84	298777	24.88	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.52%
33) 1,2-Dichloropropane-d6	6.12	67	93519	27.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.24%
37) Toluene-d8	7.36	98	262438	23.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.44%
38) trans-1,3-Dichloropropene-	7.66	79	38401	25.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.96%
39) 2-Hexanone-d5	8.14	63	25200	40.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.82%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	68841	24.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.64%
61) 1,2-Dichlorobenzene-d4	11.68	152	82327	25.50	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.00%

Target Compounds

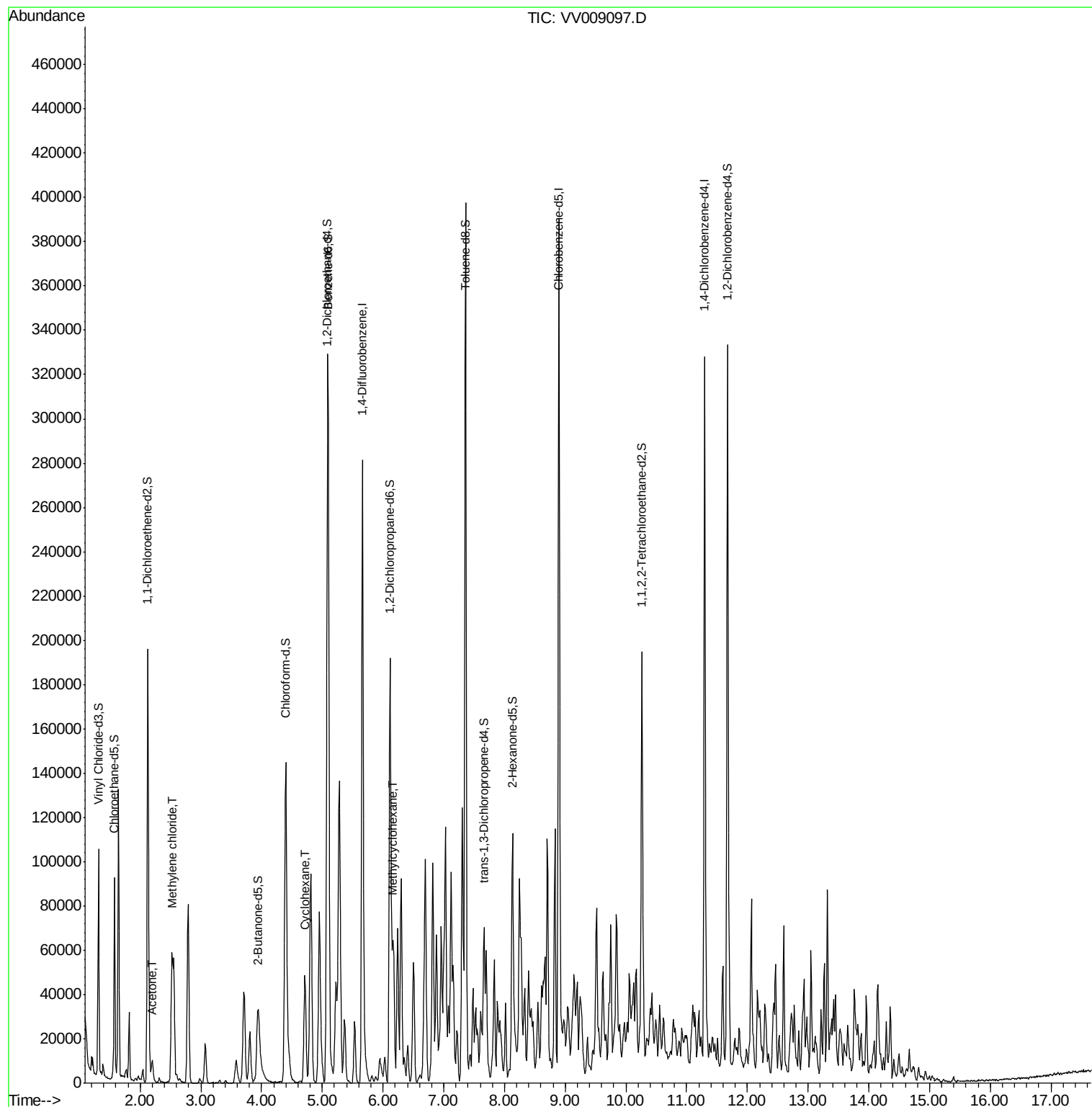
					Qvalue
13) Acetone	2.20	43	12926	9.269 ug/L	91
16) Methylene chloride	2.53	84	5840	1.380 ug/L	95
30) Cyclohexane	4.72	56	12610	2.329 ug/L #	61
36) Methylcyclohexane	6.17	83	26710	4.312 ug/L #	75

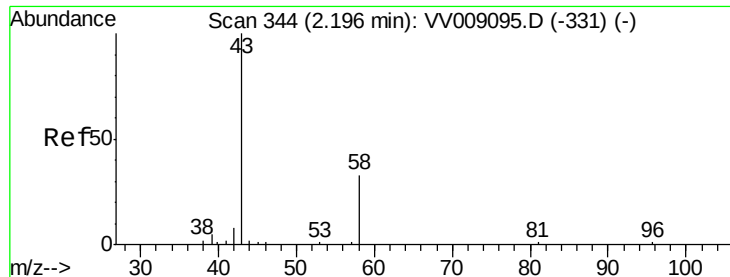
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 21 01:30:11 2018
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#13

Acetone

Concen: 9.269 ug/L

RT: 2.20 min Scan# 345

Delta R.T. 0.00 min

Lab File: VV009097.D

Acq: 20 Dec 2018 22:11

Instrument :

MSVOA_V

ClientSampleId :

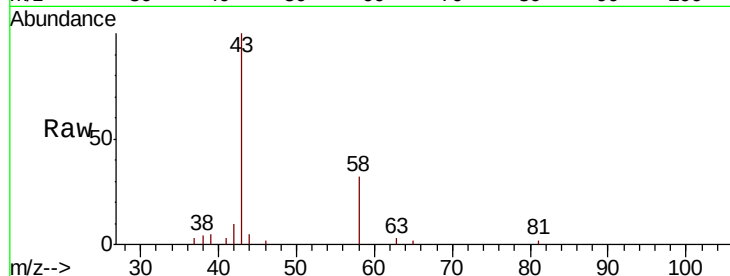
C0JG1

Tgt Ion: 43 Resp: 12926

Ion Ratio Lower Upper

43 100

58 27.9 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VV009097.D (-345) (-)

Ion 58.00 (57.70 to 58.70): VV009097.D (-345) (-)

2.20

6000

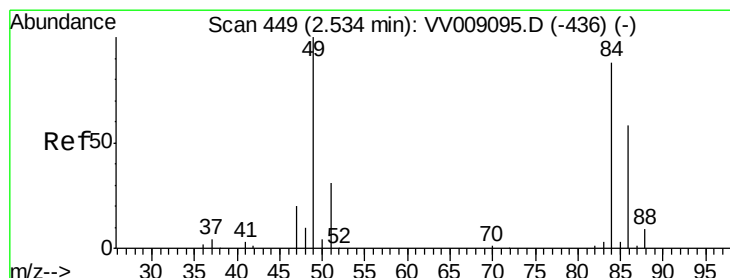
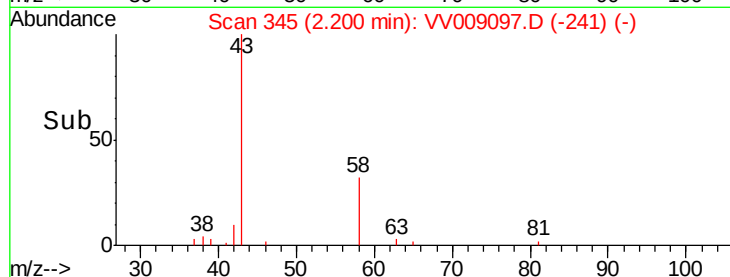
4000

2000

0

Time-->

2.15 2.20 2.25



#16

Methylene chloride

Concen: 1.380 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

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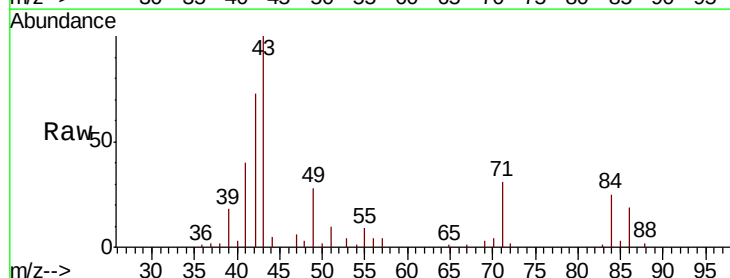
Tgt Ion: 84 Resp: 5840

Ion Ratio Lower Upper

84 100

49 113.9 80.5 149.5

86 74.9 45.5 84.5



Abundance Ion 84.00 (83.70 to 84.70): VV009097.D (-449) (-)

Ion 49.00 (48.70 to 49.70): VV009097.D (-449) (-)

Ion 86.00 (85.70 to 86.70): VV009097.D (-449) (-)

2.53

5000

4000

3000

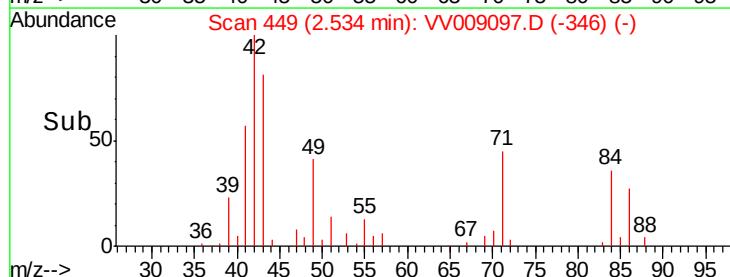
2000

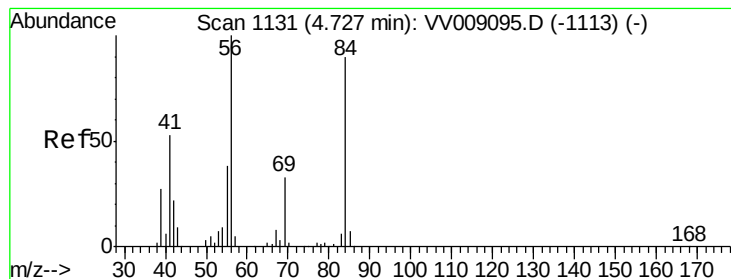
1000

0

Time-->

2.50 2.55





#30

Cyclohexane

Concen: 2.329 ug/L

RT: 4.72 min Scan# 1128

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampled :

C0JG1

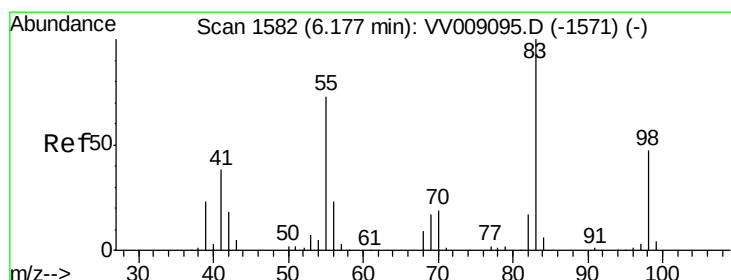
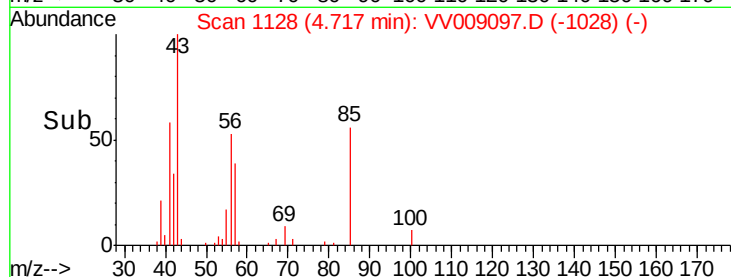
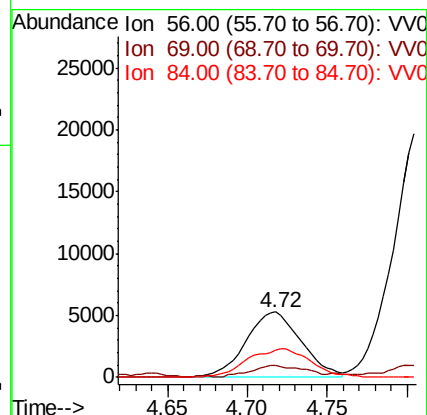
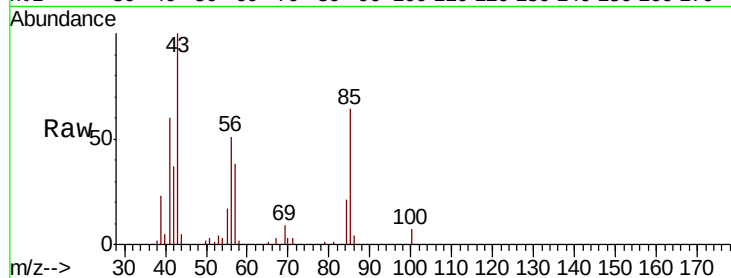
Tgt Ion: 56 Resp: 12610

Ion Ratio Lower Upper

56 100

69 17.4 25.8 38.8#

84 49.5 73.0 109.6#



#36

Methylcyclohexane

Concen: 4.312 ug/L

RT: 6.17 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VV009097.D

Acq: 20 Dec 2018 22:11

Tgt Ion: 83 Resp: 26710

Ion Ratio Lower Upper

83 100

55 101.7 58.2 87.2#

98 39.9 37.8 56.8

