

Data File : VV010426.D
Acq On : 22 Apr 2019 22:07
Operator : SY/MD
Sample : K2456-14
Misc : 5.03G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAHN4

Quant Time: Apr 23 07:01:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM042219S.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 23 06:57:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	390661	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	379417	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	187580	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	85819	15.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.76%
7) Chloroethane-d5	1.58	69	78679	18.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.16%
10) 1,1-Dichloroethene-d2	2.21	63	304	0.03	ug/L	0.08
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.12%#
20) 2-Butanone-d5	3.93	46	57856	45.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.94%
24) Chloroform-d	4.40	84	191950	20.11	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.44%
26) 1,2-Dichloroethane-d4	5.08	65	127121	21.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.84%
29) Benzene-d6	5.10	84	371083	21.18	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.72%
33) 1,2-Dichloropropane-d6	6.12	67	116534	22.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.20%
37) Toluene-d8	7.36	98	354138	19.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.52%
38) trans-1,3-Dichloropropene-	7.66	79	50401	19.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.24%
39) 2-Hexanone-d5	8.13	63	43991	42.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.72%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	103273	20.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.04%
61) 1,2-Dichlorobenzene-d4	11.67	152	152527	21.40	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.60%

Target Compounds

					Qvalue
13) Acetone	2.19	43	3391	2.514 ug/L	85
16) Methylene chloride	2.53	84	20636	3.602 ug/L	97
25) Chloroform	4.42	83	13614	1.457 ug/L #	26
36) Methylcyclohexane	6.12	83	29691	3.908 ug/L #	20
69) Naphthalene	13.55	128	12251	1.153 ug/L #	97

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

Data File : VV010426.D

Acq On : 22 Apr 2019 22:07

Operator : SY/MD

Sample : K2456-14

Misc : 5.03G/10mL/MSV0A V/SOIL

```
ALS Vial      : 1      Sample Multiplier: 1
```

Instrument :
MSVOA_V
ClientSampleId :
GAHN4

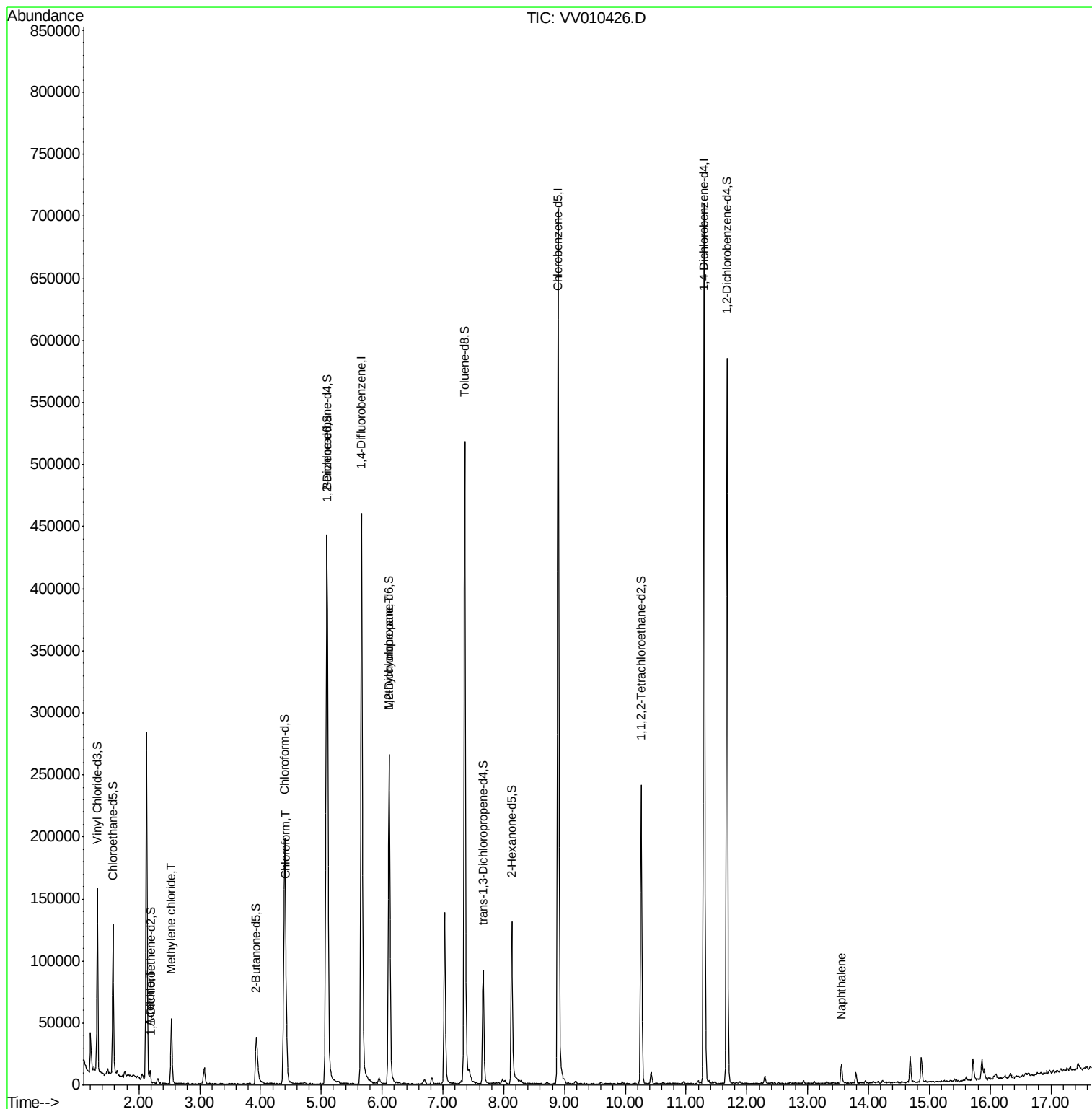
Quant Time: Apr 23 07:01:20 2019

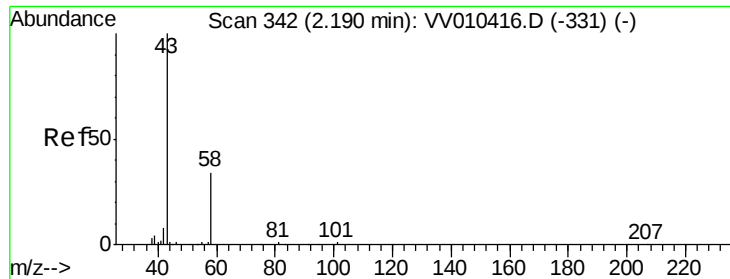
Quant Method : Z:\VOASRV\HPCHEM1\MSV0A_V\METHOD\S0M2VLM042219S.M

Quant Title : VOC Analysis

QLast Update : Tue Apr 23 06:57:14 2019

Response via : Initial Calibration





#13

Acetone

Concen: 2.514 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.00 min

Lab File: VV010426.D

Acq: 22 Apr 2019 22:07

Instrument :

MSVOA_V

ClientSampleId :

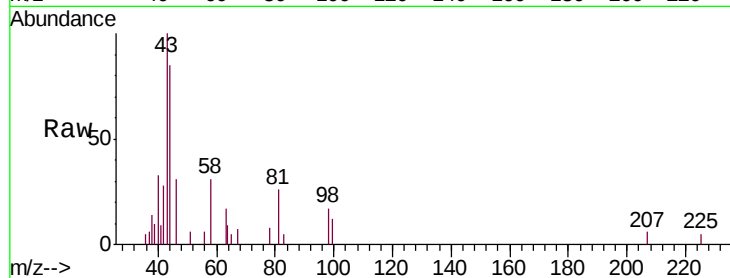
GAHN4

Tgt Ion: 43 Resp: 3391

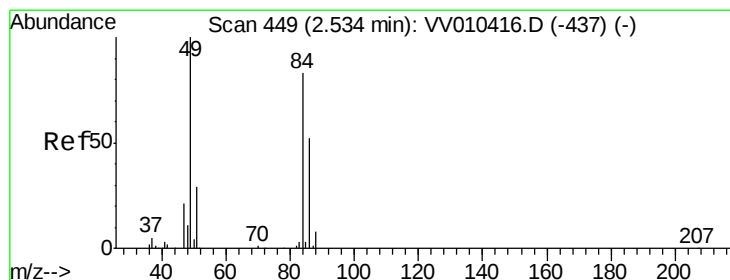
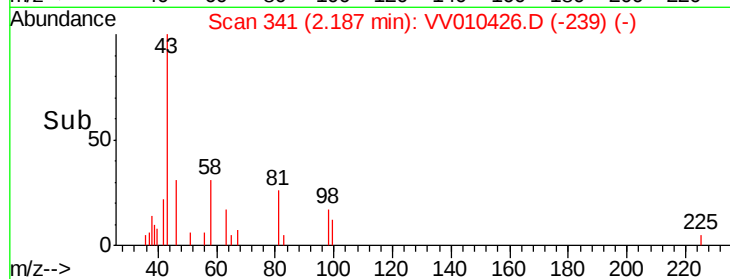
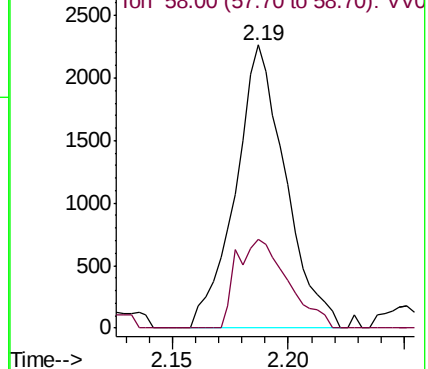
Ion Ratio Lower Upper

43 100

58 24.5 0.0 66.4



Abundance Ion 43.00 (42.70 to 43.70): VV010416.D (-331) (-)



#16

Methylene chloride

Concen: 3.602 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

Lab File: VV010426.D

Acq: 22 Apr 2019 22:07

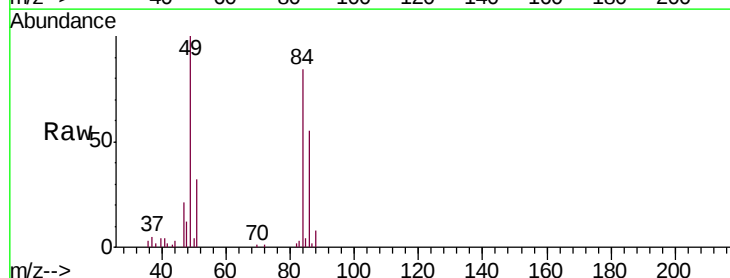
Tgt Ion: 84 Resp: 20636

Ion Ratio Lower Upper

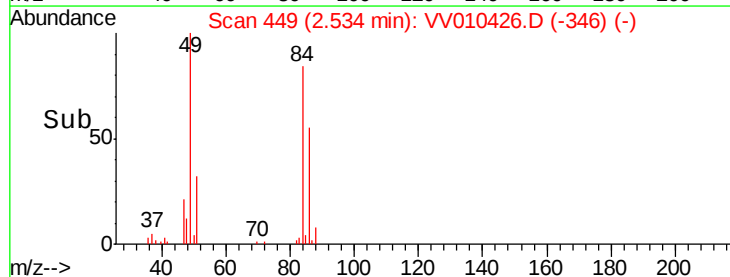
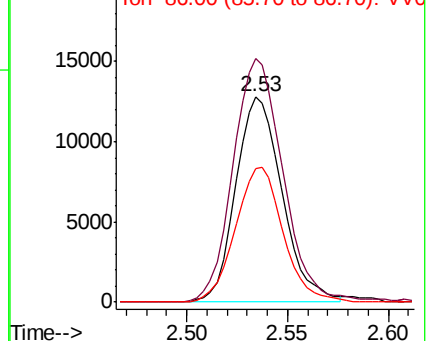
84 100

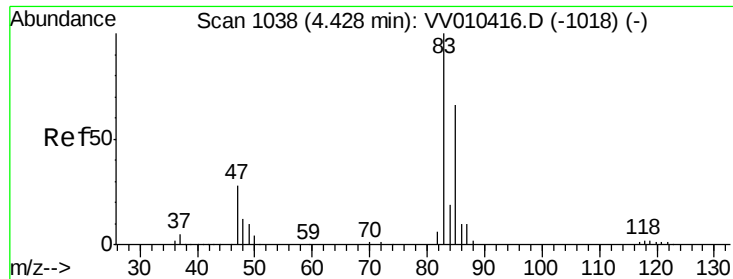
49 118.5 85.0 158.0

86 64.8 43.9 81.5



Abundance Ion 84.00 (83.70 to 84.70): VV010416.D (-437) (-)

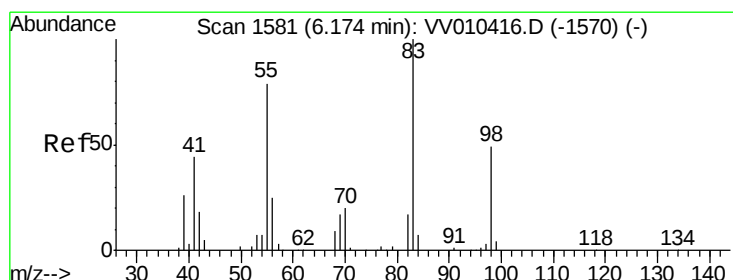
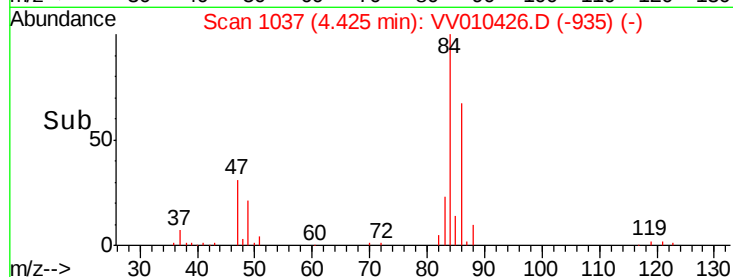
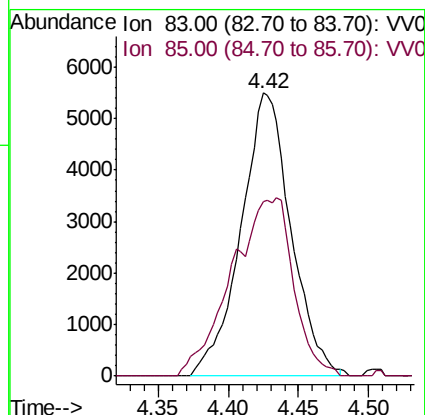
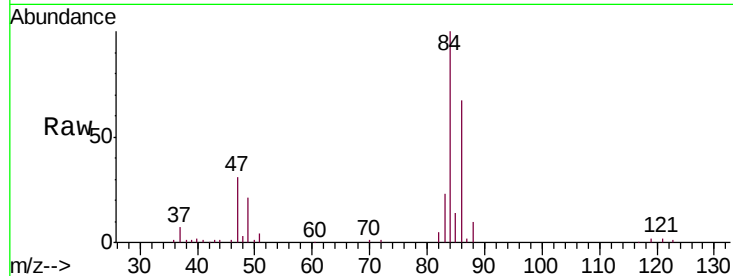




#25
Chloroform
Concen: 1.457 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV010426.D
Acq: 22 Apr 2019 22:07

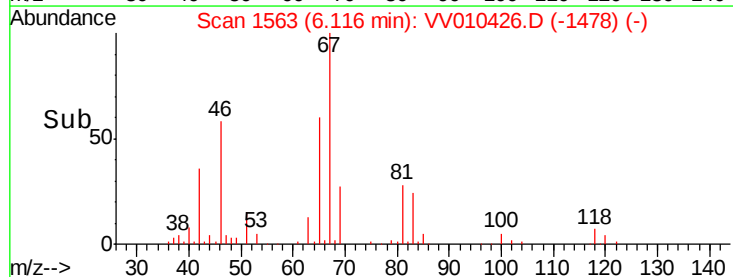
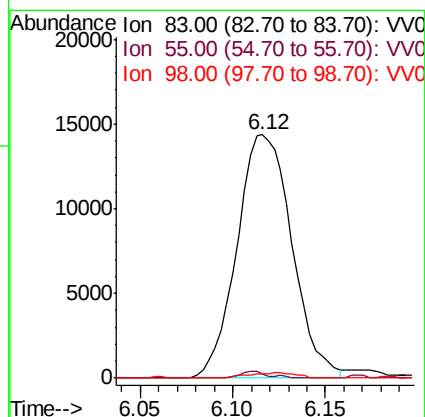
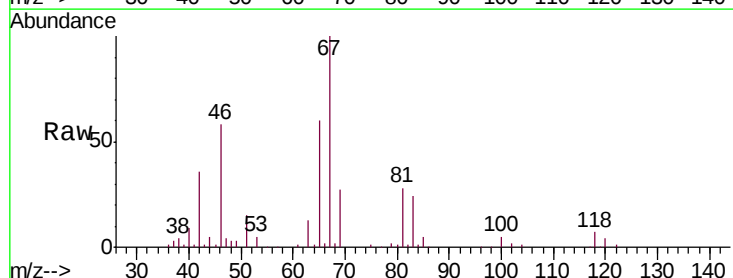
Instrument :
MSVOA_V
ClientSampled :
GAHN4

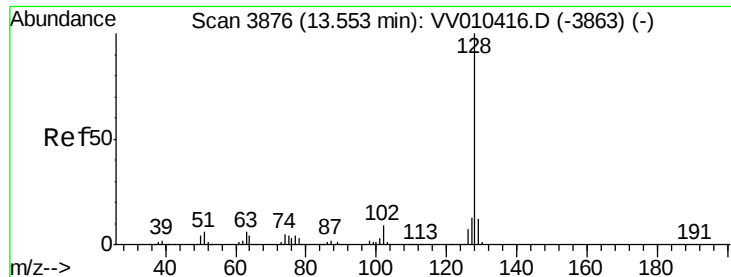
Tgt Ion: 83 Resp: 13614
Ion Ratio Lower Upper
83 100
85 7.2 46.1 85.5#



#36
Methylcyclohexane
Concen: 3.908 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV010426.D
Acq: 22 Apr 2019 22:07

Tgt Ion: 83 Resp: 29691
Ion Ratio Lower Upper
83 100
55 0.3 59.6 89.4#
98 1.4 38.0 57.0#





#69

Naphthalene

Concen: 1.153 ug/L

RT: 13.55 min Scan# 3876

Delta R.T. 0.00 min

Lab File: VV010426.D

Acq: 22 Apr 2019 22:07

Instrument :

MSVOA_V

ClientSampleId :

GAHN4

Tgt Ion:128 Resp: 12251

Ion Ratio Lower Upper

128 100

129 13.0 8.4 12.6#

127 12.8 10.2 15.2

