

Data File : VV010419.D
Acq On : 22 Apr 2019 18:03
Operator : SY/MD
Sample : K2456-01
Misc : 5.04G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAHQ1

Quant Time: Apr 23 07:00:27 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	397492	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	385475	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	193232	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	88144	16.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.40%
7) Chloroethane-d5	1.57	69	76715	18.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.04%
10) 1,1-Dichloroethene-d2	2.13	63	139110	13.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.40%
20) 2-Butanone-d5	3.93	46	65811	51.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.78%
24) Chloroform-d	4.40	84	183440	18.88	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	75.52%
26) 1,2-Dichloroethane-d4	5.08	65	130036	21.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.28%
29) Benzene-d6	5.10	84	348415	19.58	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.32%
33) 1,2-Dichloropropane-d6	6.12	67	111428	21.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.92%
37) Toluene-d8	7.36	98	351596	19.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.72%
38) trans-1,3-Dichloropropene-	7.66	79	49198	19.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.12%
39) 2-Hexanone-d5	8.13	63	47058	45.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.26%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	110142	21.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.12%
61) 1,2-Dichlorobenzene-d4	11.67	152	149861	20.41	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.64%

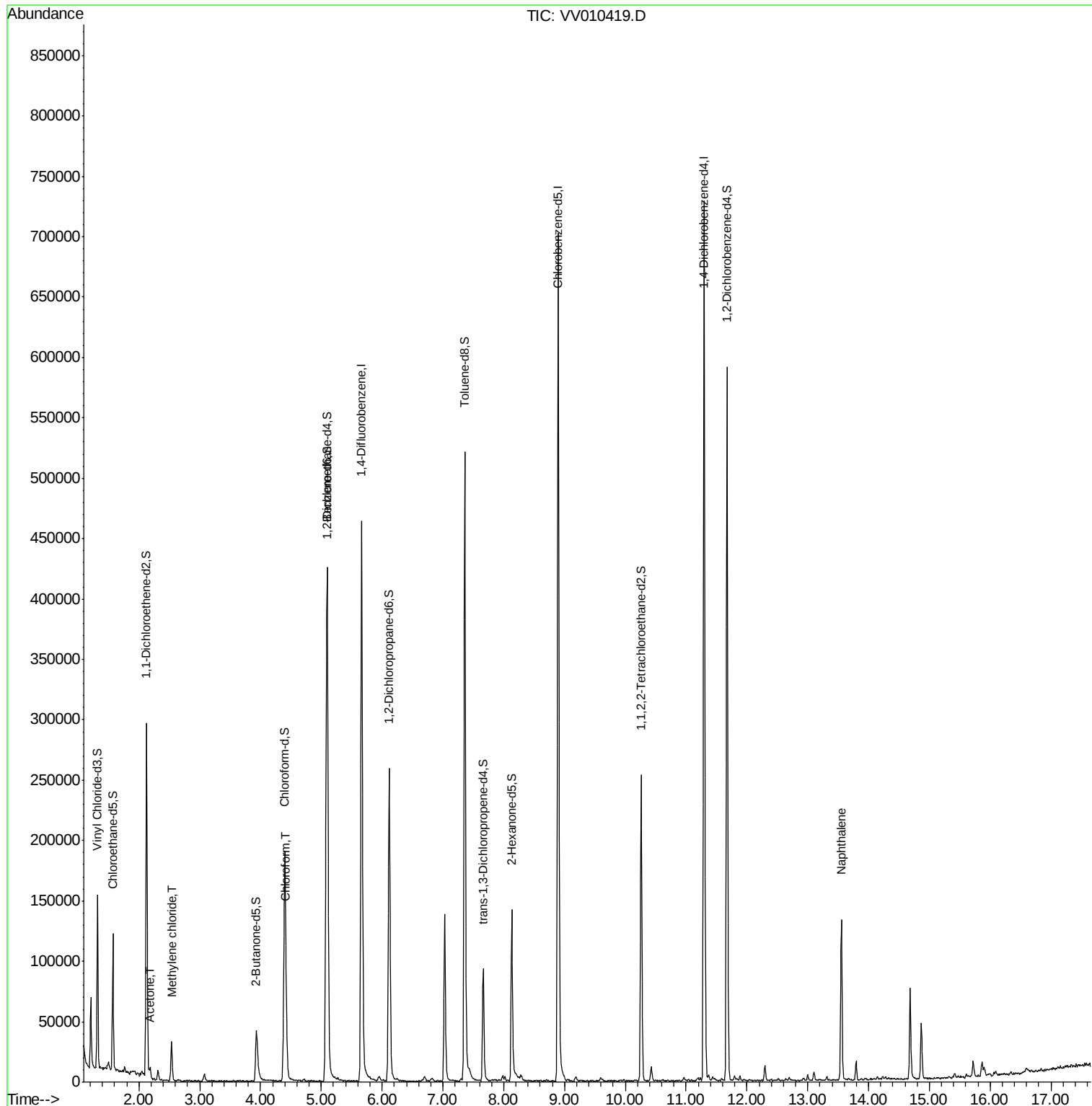
Target Compounds					Qvalue
13) Acetone	2.19	43	4109	2.994 ug/L	96
16) Methylene chloride	2.54	84	12974	2.226 ug/L	95
25) Chloroform	4.43	83	15208	1.600 ug/L #	64
69) Naphthalene	13.55	128	103614	9.464 ug/L	99

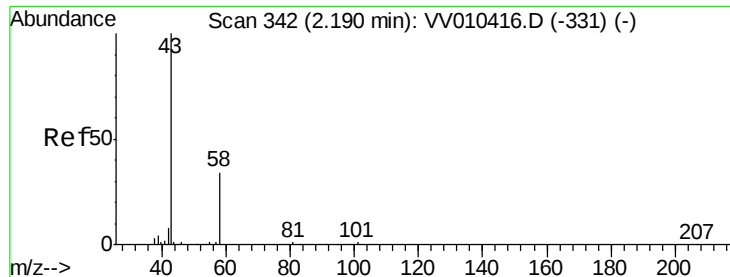
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.994 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampled :

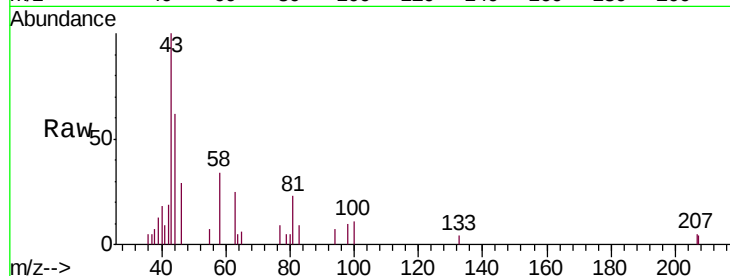
GAHQ1

Tgt Ion: 43 Resp: 4109

Ion Ratio Lower Upper

43 100

58 30.7 0.0 66.4



Abundance Ion 43.00 (42.70 to 43.70): VV010419.D (-341) (-)

Ion 58.00 (57.70 to 58.70): VV010419.D (-341) (-)

2.19

3000

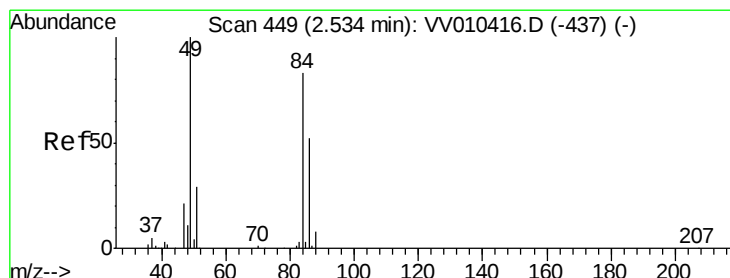
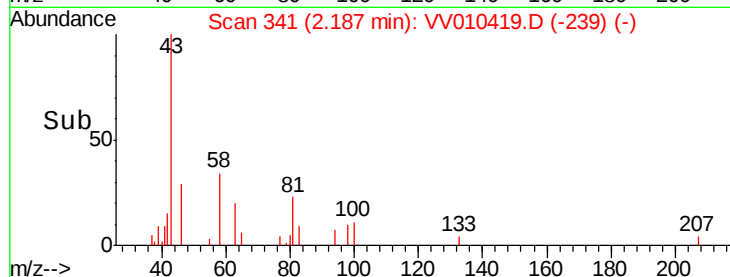
2000

1000

0

2.15 2.20 2.25

Time-->



#16

Methylene chloride

Concen: 2.226 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

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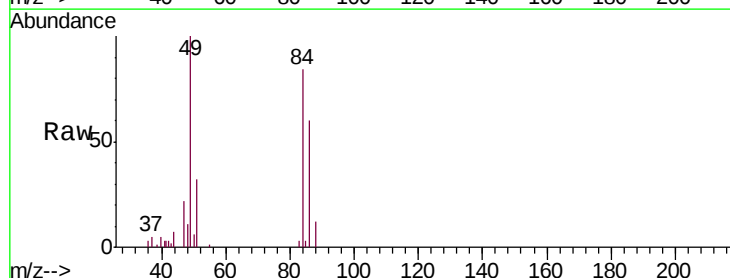
Tgt Ion: 84 Resp: 12974

Ion Ratio Lower Upper

84 100

49 118.5 85.0 158.0

86 70.8 43.9 81.5



Abundance Ion 84.00 (83.70 to 84.70): VV010419.D (-449) (-)

Ion 49.00 (48.70 to 49.70): VV010419.D (-449) (-)

Ion 86.00 (85.70 to 86.70): VV010419.D (-449) (-)

2.54

12000

10000

8000

6000

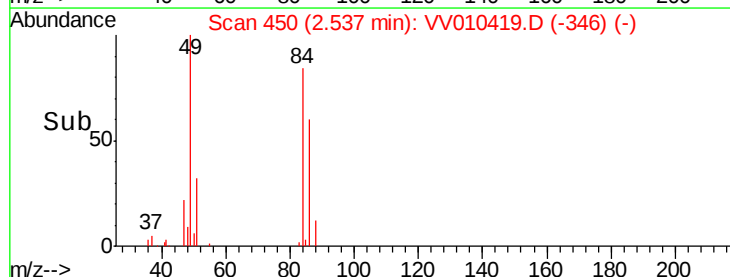
4000

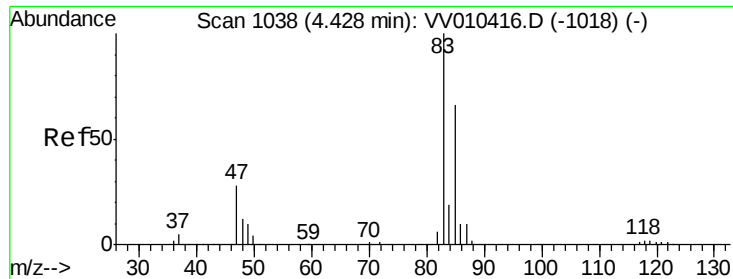
2000

0

2.50 2.55 2.60

Time-->

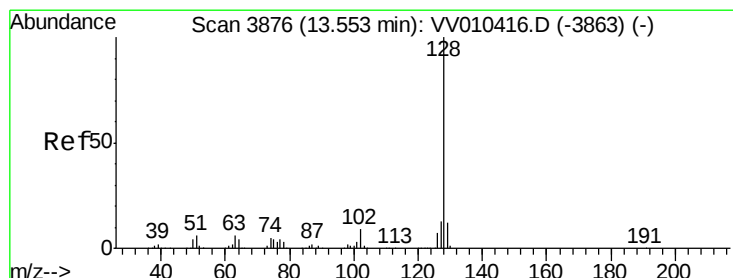
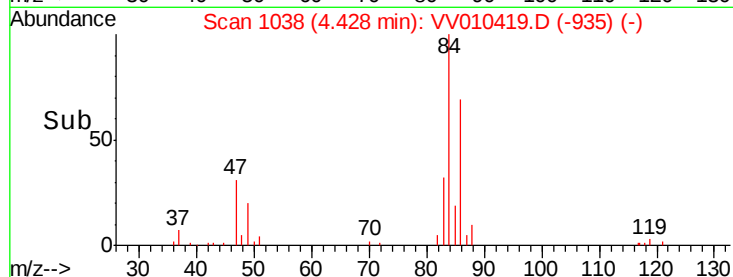
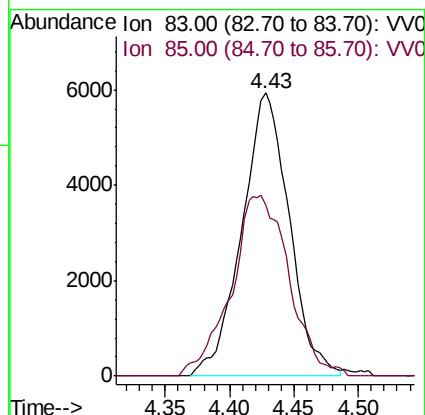
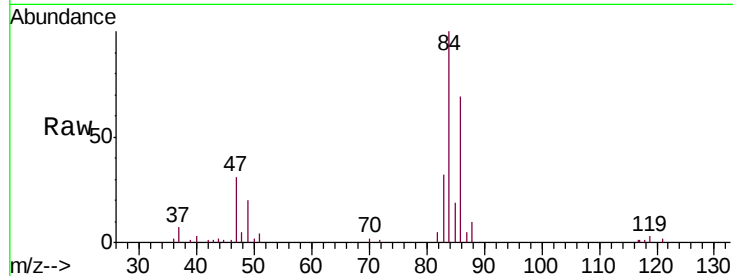




#25
Chloroform
Concen: 1.600 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. -0.00 min
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Tgt Ion: 83 Resp: 15208
Ion Ratio Lower Upper
83 100
85 37.2 46.1 85.5#



#69
Naphthalene
Concen: 9.464 ug/L
RT: 13.55 min Scan# 3876
Delta R.T. -0.00 min
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Tgt Ion: 128 Resp: 103614
Ion Ratio Lower Upper
128 100
129 10.7 8.4 12.6
127 13.0 10.2 15.2

