

Data File : VV010430.D
Acq On : 22 Apr 2019 23:55
Operator : SY/MD
Sample : K2456-22
Misc : 5.08G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAHP0

Quant Time: Apr 23 07:01:51 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	379107	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	373822	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	168810	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	79749	15.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.08%
7) Chloroethane-d5	1.58	69	74922	18.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.76%
10) 1,1-Dichloroethene-d2	2.13	63	125732	12.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.56%
20) 2-Butanone-d5	3.93	46	42443	34.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.50%
24) Chloroform-d	4.40	84	185848	20.06	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.24%
26) 1,2-Dichloroethane-d4	5.08	65	114942	20.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.88%
29) Benzene-d6	5.10	84	359545	20.83	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.32%
33) 1,2-Dichloropropane-d6	6.12	67	109735	21.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.24%
37) Toluene-d8	7.36	98	341474	19.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.84%
38) trans-1,3-Dichloropropene-	7.66	79	44632	17.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.20%
39) 2-Hexanone-d5	8.13	63	33715	33.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.68%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	87525	17.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	70.56%
61) 1,2-Dichlorobenzene-d4	11.67	152	138405	21.57	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.28%

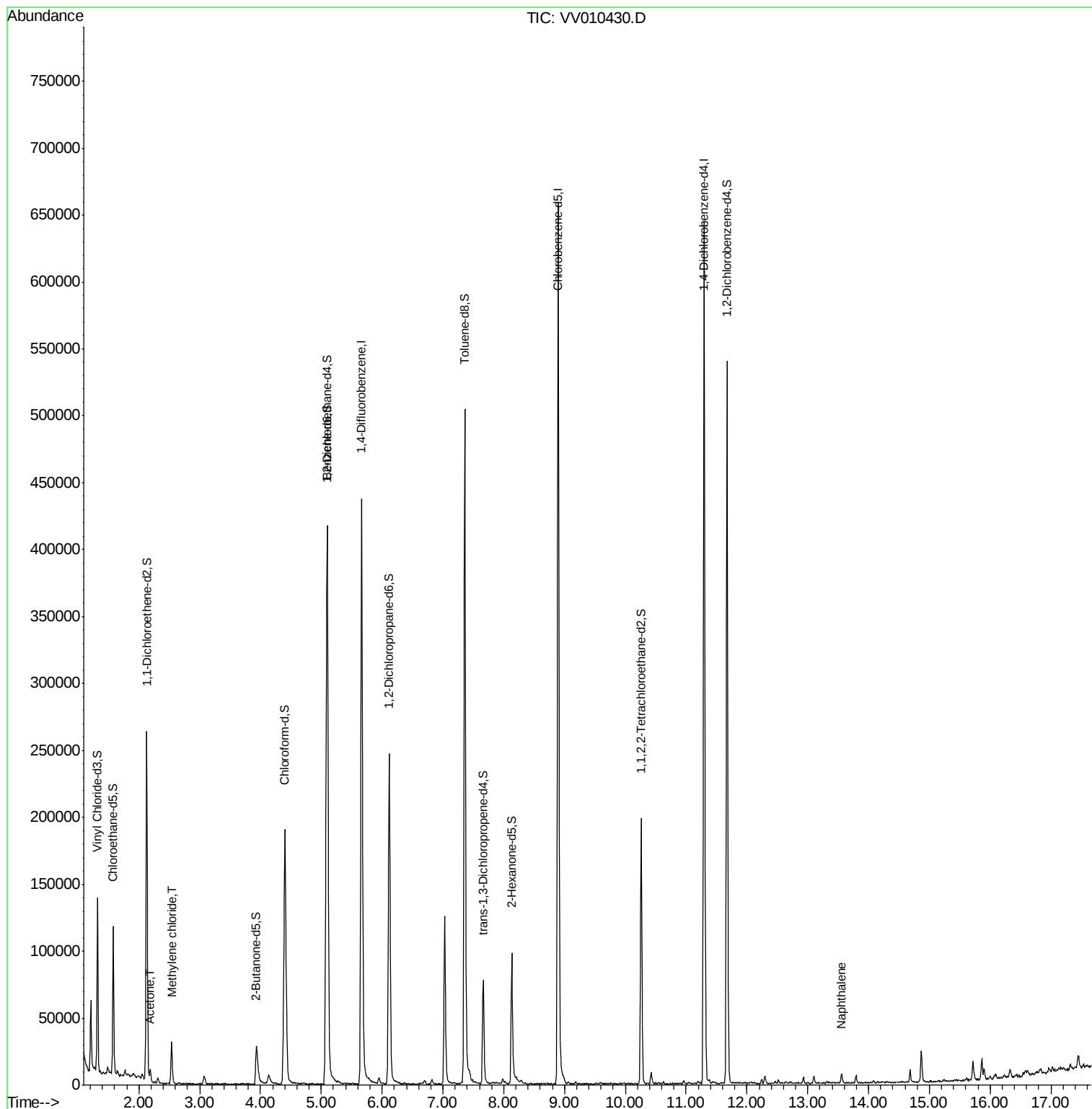
Target Compounds					Qvalue
13) Acetone	2.19	43	3135	2.395 ug/L	99
16) Methylene chloride	2.54	84	12096	2.176 ug/L	95
69) Naphthalene	13.56	128	5919	0.619 ug/L #	92

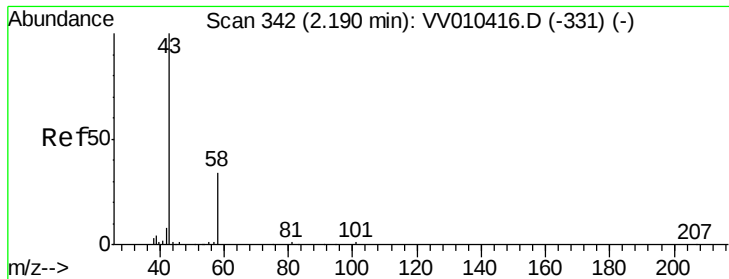
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.395 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.00 min

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ClientSampleId :

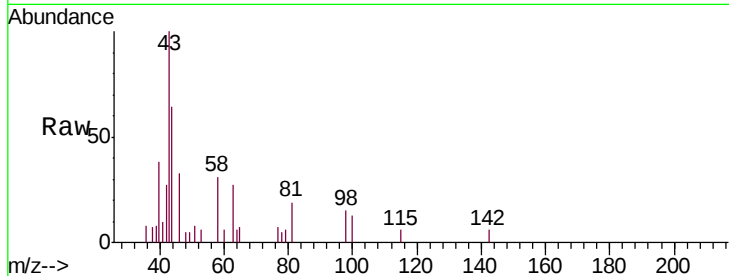
GAHP0

Tgt Ion: 43 Resp: 3135

Ion Ratio Lower Upper

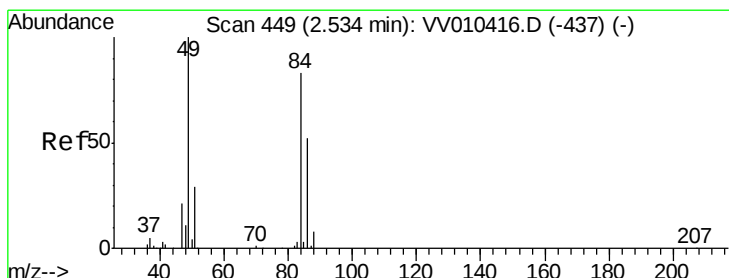
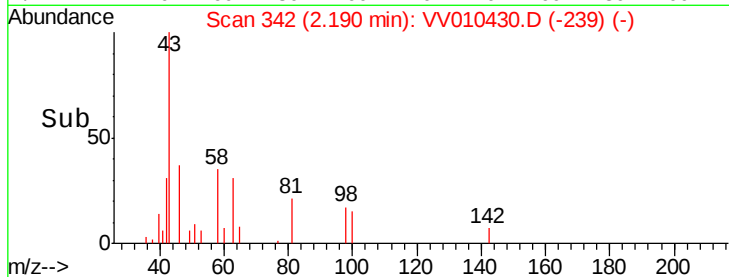
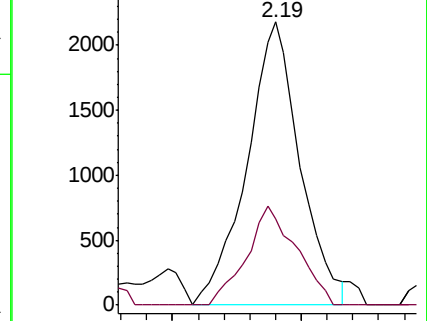
43 100

58 32.8 0.0 66.4



Abundance Ion 43.00 (42.70 to 43.70): VV010430.D (-239) (-)

Ion 58.00 (57.70 to 58.70): VV010430.D (-239) (-)



#16

Methylene chloride

Concen: 2.176 ug/L

RT: 2.54 min Scan# 451

Delta R.T. 0.01 min

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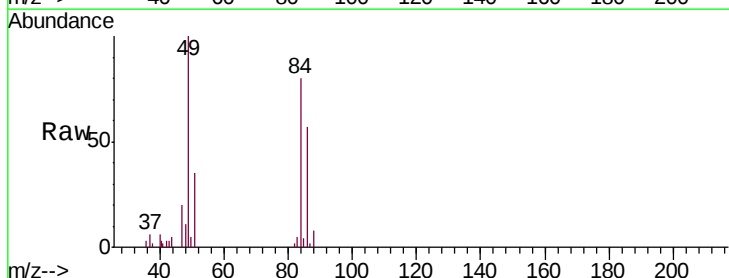
Tgt Ion: 84 Resp: 12096

Ion Ratio Lower Upper

84 100

49 124.4 85.0 158.0

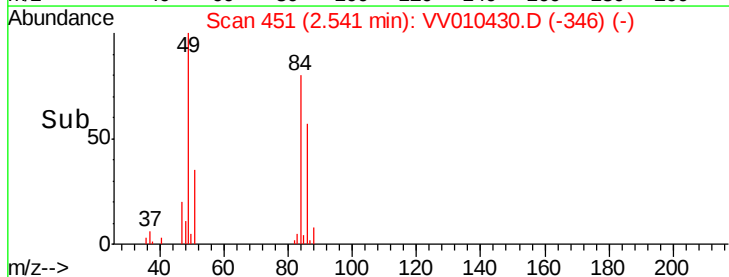
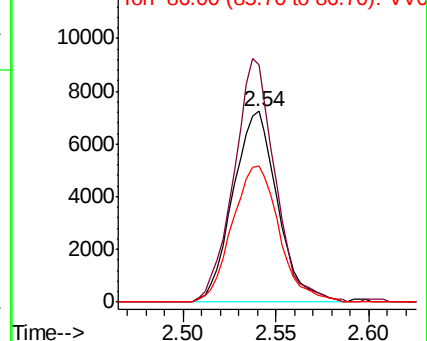
86 71.2 43.9 81.5

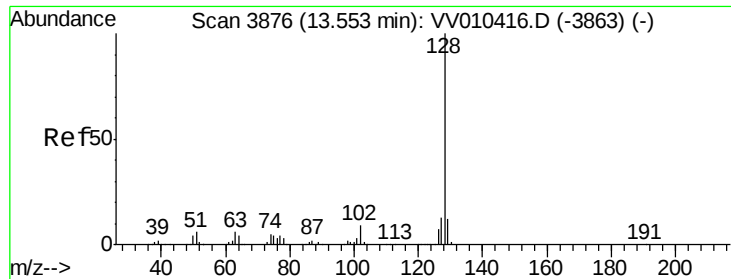


Abundance Ion 84.00 (83.70 to 84.70): VV010430.D (-346) (-)

Ion 49.00 (48.70 to 49.70): VV010430.D (-346) (-)

Ion 86.00 (85.70 to 86.70): VV010430.D (-346) (-)





#69

Naphthalene

Concen: 0.619 ug/L

RT: 13.56 min Scan# 3877

Delta R.T. 0.00 min

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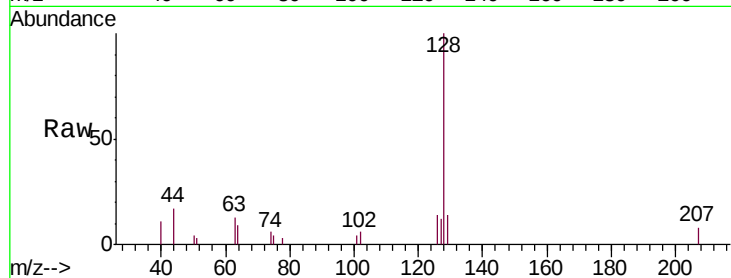
Tgt Ion:128 Resp: 5919

Ion Ratio Lower Upper

128 100

129 13.8 8.4 12.6#

127 10.0 10.2 15.2#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

