

Data File : VV010390.D
Acq On : 19 Apr 2019 18:26
Operator : SY/MD
Sample : K2456-05
Misc : 5.08G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAHP3

Quant Time: Apr 20 04:37:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 20 04:30:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	476068	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	441568	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	226363	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	120190	19.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.52%
7) Chloroethane-d5	1.58	69	107226	21.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.48%
10) 1,1-Dichloroethene-d2	2.13	63	190648	13.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.28%
20) 2-Butanone-d5	3.93	46	58414	31.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.06%
24) Chloroform-d	4.40	84	227825	18.20	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	72.80%
26) 1,2-Dichloroethane-d4	5.08	65	140735	19.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	76.20%
29) Benzene-d6	5.10	84	427939	18.93	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	75.72%
33) 1,2-Dichloropropane-d6	6.12	67	130355	19.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	78.84%
37) Toluene-d8	7.36	98	419821	19.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.28%
38) trans-1,3-Dichloropropene-	7.66	79	55870	17.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.68%
39) 2-Hexanone-d5	8.13	63	42398	28.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	57.58%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	107882	16.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	65.24%
61) 1,2-Dichlorobenzene-d4	11.67	152	171362	19.26	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	77.04%

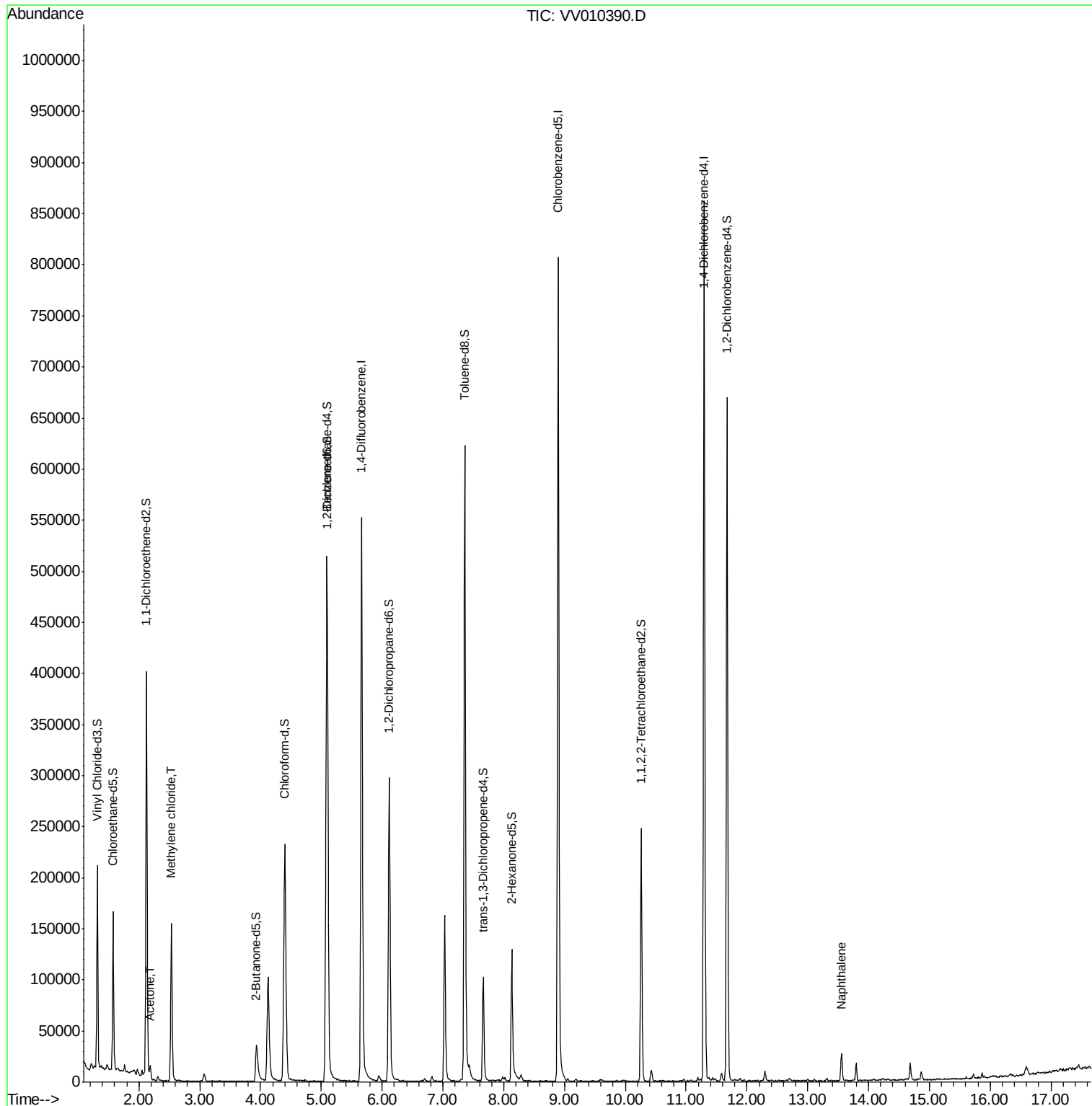
Target Compounds					Qvalue
13) Acetone	2.19	43	3878	1.952 ug/L	91
16) Methylene chloride	2.53	84	63626	8.367 ug/L	95
69) Naphthalene	13.56	128	21678	1.279 ug/L	98

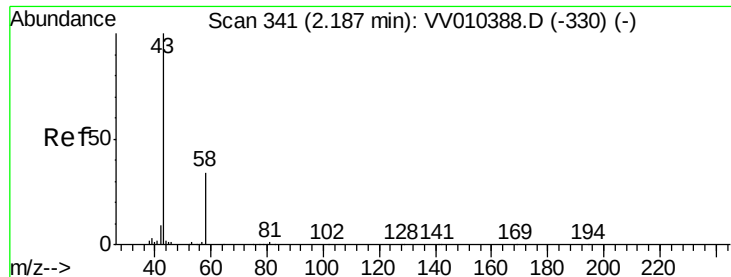
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.952 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

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MSVOA_V

ClientSampleId :

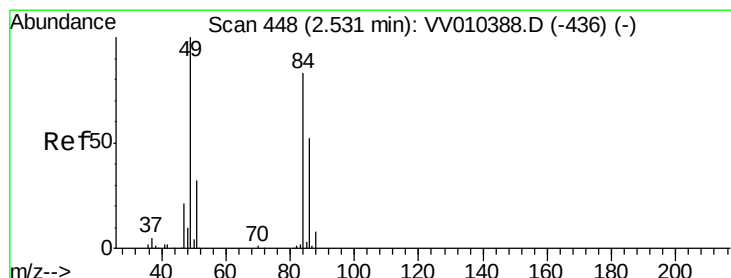
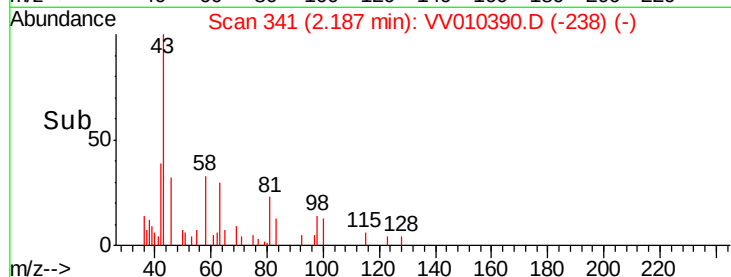
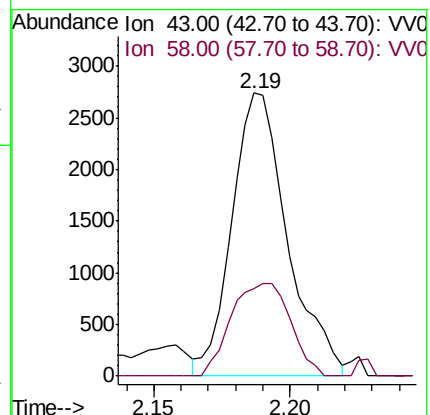
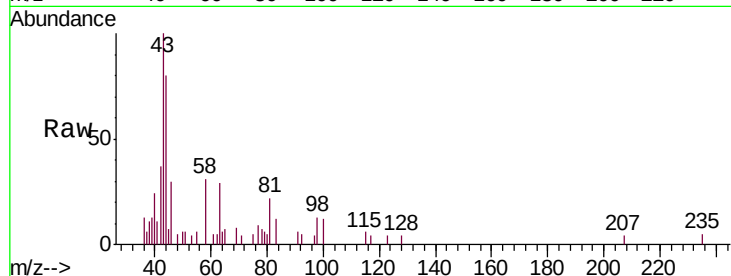
GAHP3

Tgt Ion: 43 Resp: 3878

Ion Ratio Lower Upper

43 100

58 35.0 0.0 60.0



#16

Methylene chloride

Concen: 8.367 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

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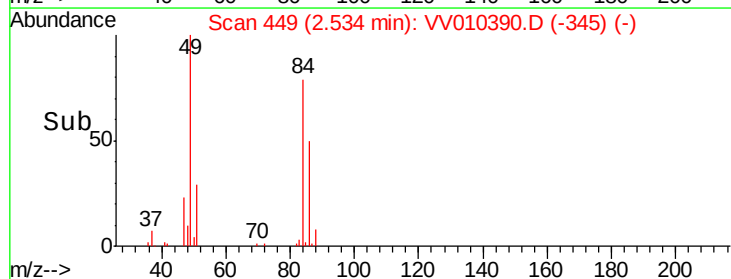
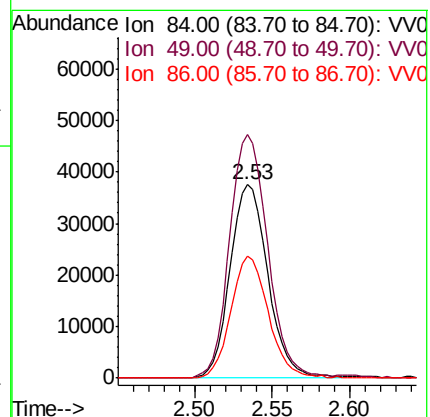
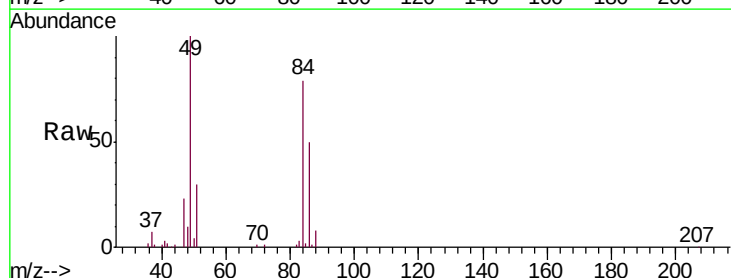
Tgt Ion: 84 Resp: 63626

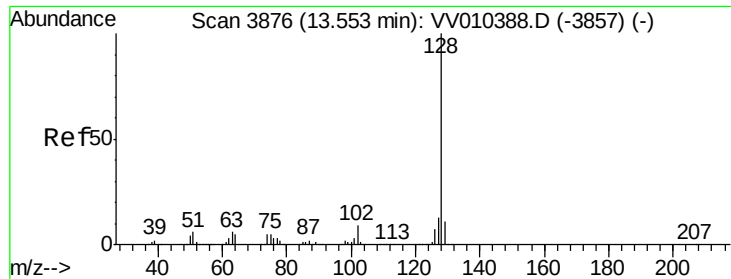
Ion Ratio Lower Upper

84 100

49 125.8 83.8 155.6

86 63.0 46.1 85.5





#69

Naphthalene

Concen: 1.279 ug/L

RT: 13.56 min Scan# 3877

Delta R.T. 0.00 min

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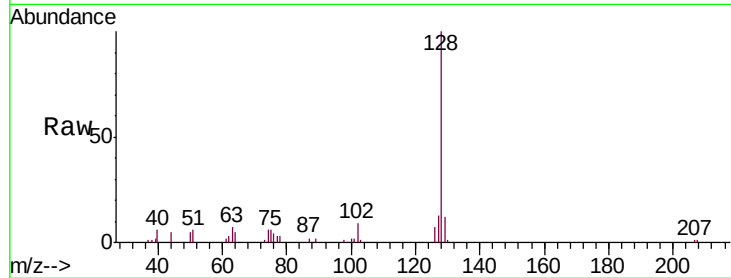
Tgt Ion:128 Resp: 21678

Ion Ratio Lower Upper

128 100

129 9.8 8.7 13.1

127 12.6 10.7 16.1



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

