

Data File : VV010399.D
Acq On : 19 Apr 2019 22:43
Operator : SY/MD
Sample : K2456-14
Misc : 5.00G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAHN4

Quant Time: Apr 20 04:38:48 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	5.67	114	84919	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	79093	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	32831	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	24218	22.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.84%
7) Chloroethane-d5	1.58	69	20662	22.81	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.24%
10) 1,1-Dichloroethene-d2	2.20	63	239	0.09	ug/L	0.08
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.36%#
20) 2-Butanone-d5	3.95	46	11402	33.95	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.90%
24) Chloroform-d	4.41	84	47862	21.44	ug/L	0.01
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.76%
26) 1,2-Dichloroethane-d4	5.09	65	27781	21.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.32%
29) Benzene-d6	5.10	84	83910	20.73	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.92%
33) 1,2-Dichloropropane-d6	6.12	67	25948	21.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.60%
37) Toluene-d8	7.36	98	80520	20.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.76%
38) trans-1,3-Dichloropropene-	7.67	79	8833	15.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	60.64%
39) 2-Hexanone-d5	8.14	63	7997	30.31	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.62%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	24823	20.95	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.80%
61) 1,2-Dichlorobenzene-d4	11.68	152	30238	23.43	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.72%

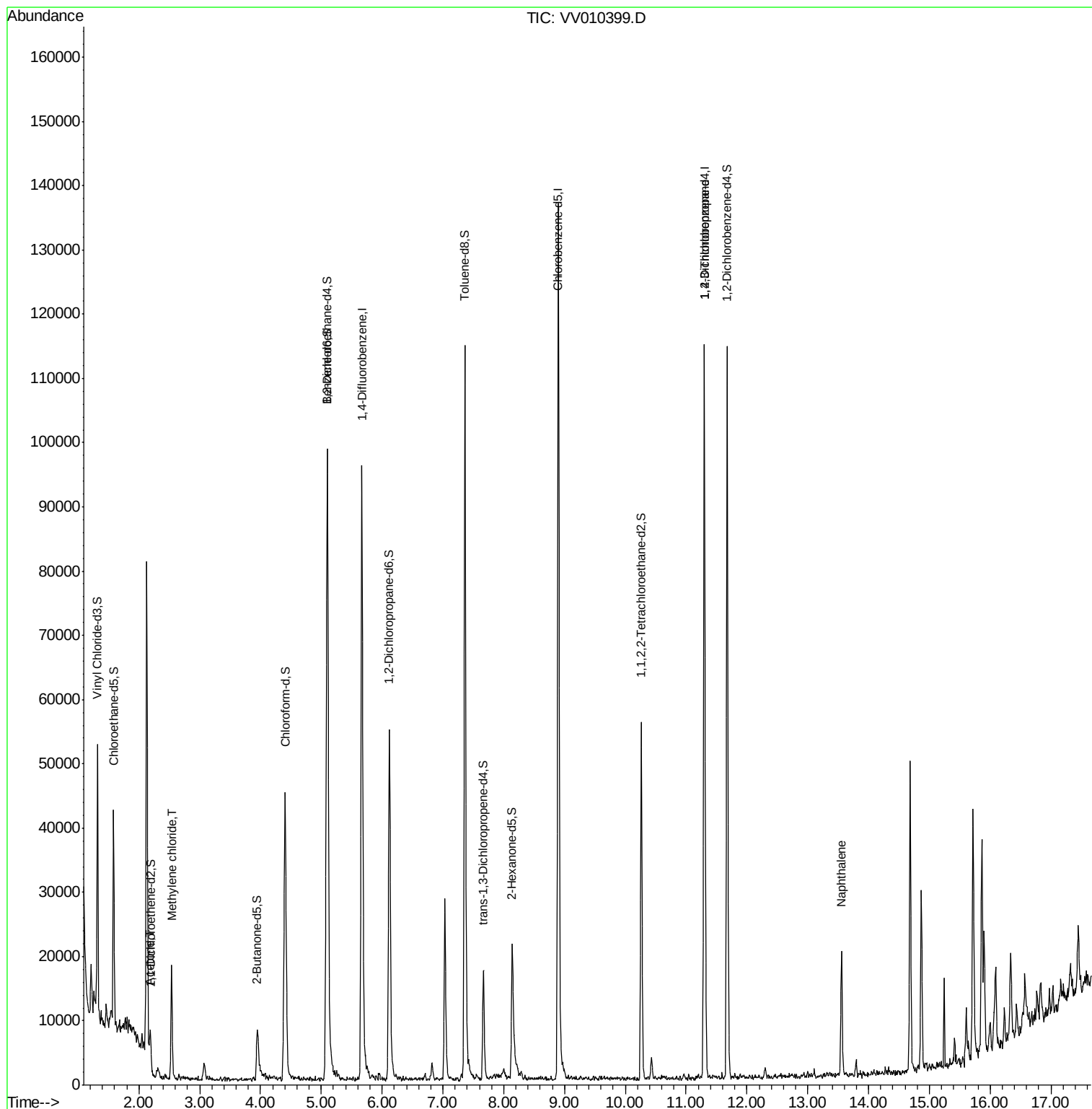
Target Compounds					Qvalue
13) Acetone	2.19	43	1716	4.842 ug/L	85
16) Methylene chloride	2.54	84	6664	4.913 ug/L	93
59) 1,2,3-Trichloropropane	11.30	75	2391	2.863 ug/L #	30
69) Naphthalene	13.56	128	15374	6.255 ug/L	100

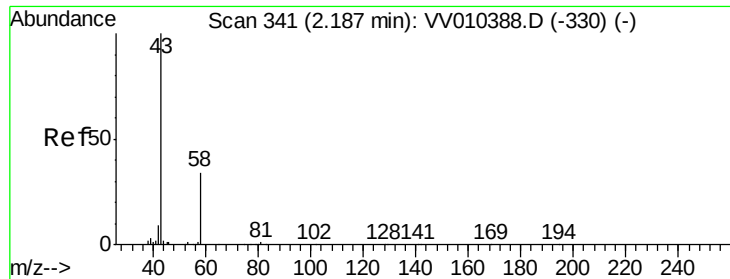
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.842 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampled :

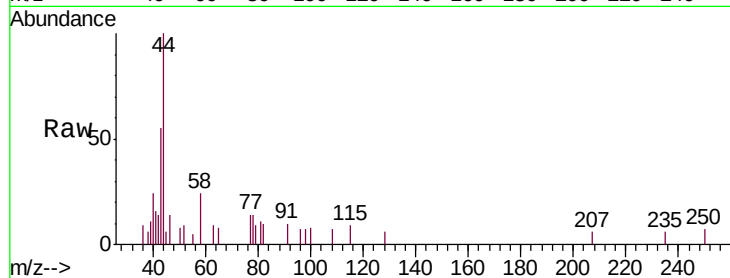
GAHN4

Tgt Ion: 43 Resp: 1716

Ion Ratio Lower Upper

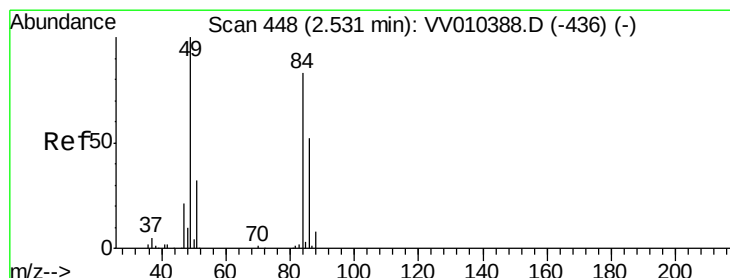
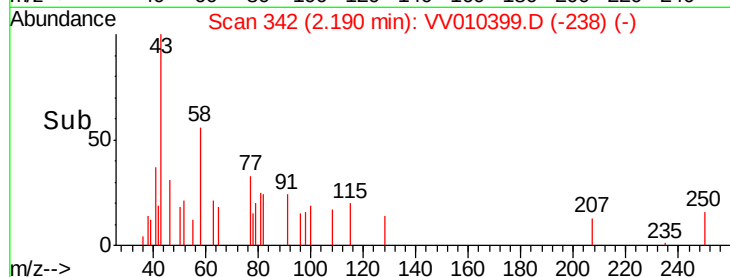
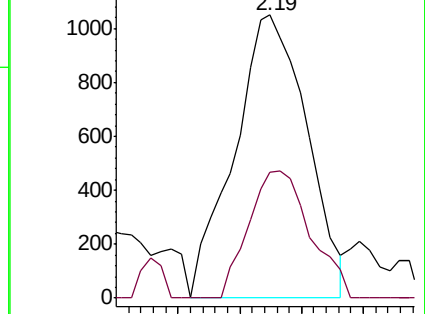
43 100

58 38.1 0.0 60.0



Abundance Ion 43.00 (42.70 to 43.70): VV010388.D (-330) (-)

Ion 58.00 (57.70 to 58.70): VV010388.D (-330) (-)



#16

Methylene chloride

Concen: 4.913 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.01 min

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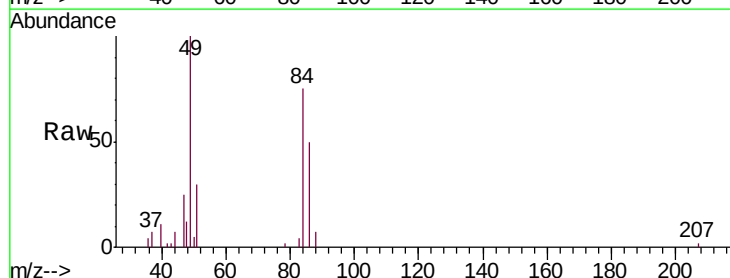
Tgt Ion: 84 Resp: 6664

Ion Ratio Lower Upper

84 100

49 132.5 83.8 155.6

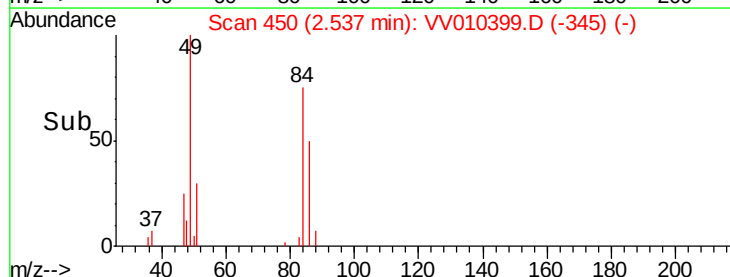
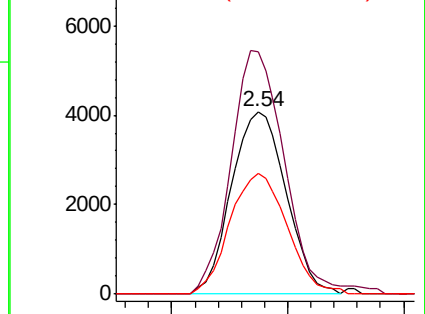
86 65.9 46.1 85.5

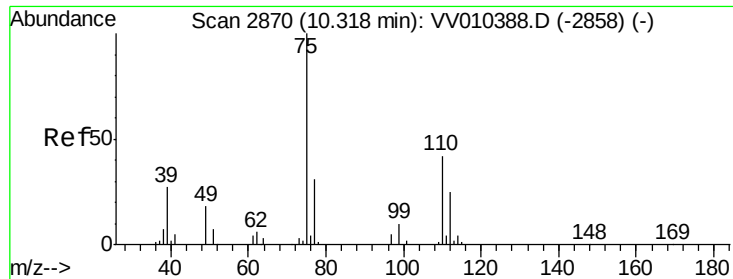


Abundance Ion 84.00 (83.70 to 84.70): VV010388.D (-436) (-)

Ion 49.00 (48.70 to 49.70): VV010388.D (-436) (-)

Ion 86.00 (85.70 to 86.70): VV010388.D (-436) (-)





#59

1,2,3-Trichloropropane

Concen: 2.863 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

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Instrument :

MSVOA_V

ClientSampled :

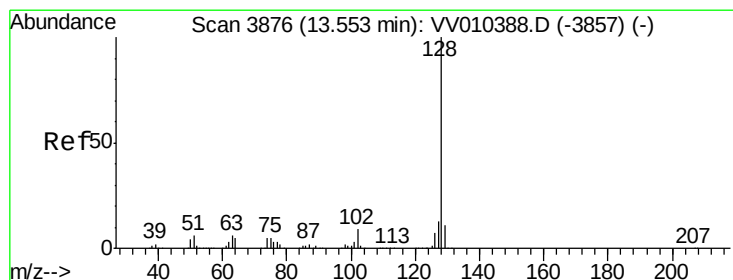
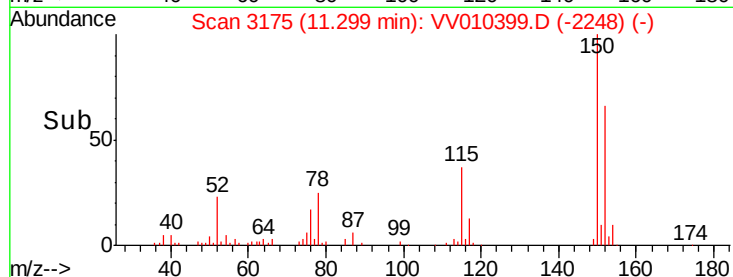
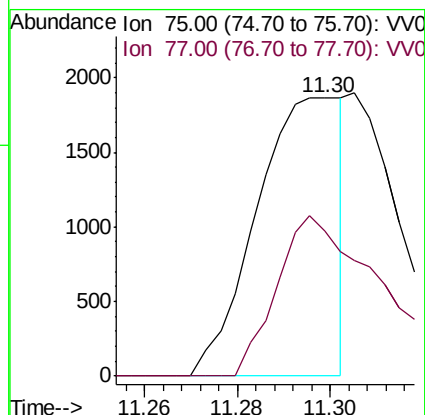
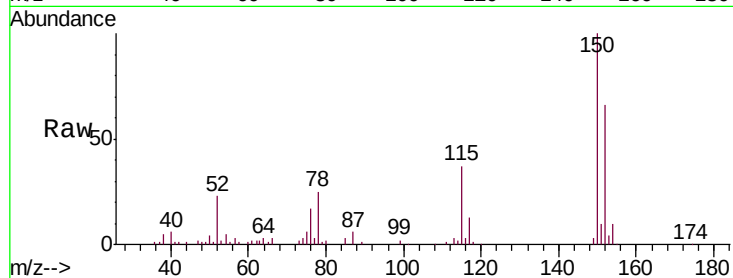
GAHN4

Tgt Ion: 75 Resp: 2391

Ion Ratio Lower Upper

75 100

77 71.4 25.8 38.8#



#69

Naphthalene

Concen: 6.255 ug/L

RT: 13.56 min Scan# 3877

Delta R.T. 0.00 min

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Acq: 19 Apr 2019 22:43

Tgt Ion: 128 Resp: 15374

Ion Ratio Lower Upper

128 100

129 11.0 8.7 13.1

127 13.6 10.7 16.1

