

Data File : VV010382.D
Acq On : 19 Apr 2019 12:36
Operator : SY/MD
Sample : K2402-07
Misc : 5.04G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAHH9

Quant Time: Apr 20 02:31:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 20 02:27:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	48621	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	43651	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	21307	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	12063	19.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.16%
7) Chloroethane-d5	1.58	69	11092	21.39	ug/L	0.03
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.56%
10) 1,1-Dichloroethene-d2	2.13	63	19608	13.16	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.64%
20) 2-Butanone-d5	3.95	46	6912	35.95	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.90%
24) Chloroform-d	4.41	84	29098	22.76	ug/L	0.01
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.04%
26) 1,2-Dichloroethane-d4	5.08	65	17490	23.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.72%
29) Benzene-d6	5.10	84	52241	23.38	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.52%
33) 1,2-Dichloropropane-d6	6.12	67	17038	26.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.24%
37) Toluene-d8	7.36	98	45987	21.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.64%
38) trans-1,3-Dichloropropene-	7.67	79	6494	20.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.76%
39) 2-Hexanone-d5	8.14	63	4779	32.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.64%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	16866	25.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.16%
61) 1,2-Dichlorobenzene-d4	11.67	152	20514	24.49	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.96%

Target Compounds

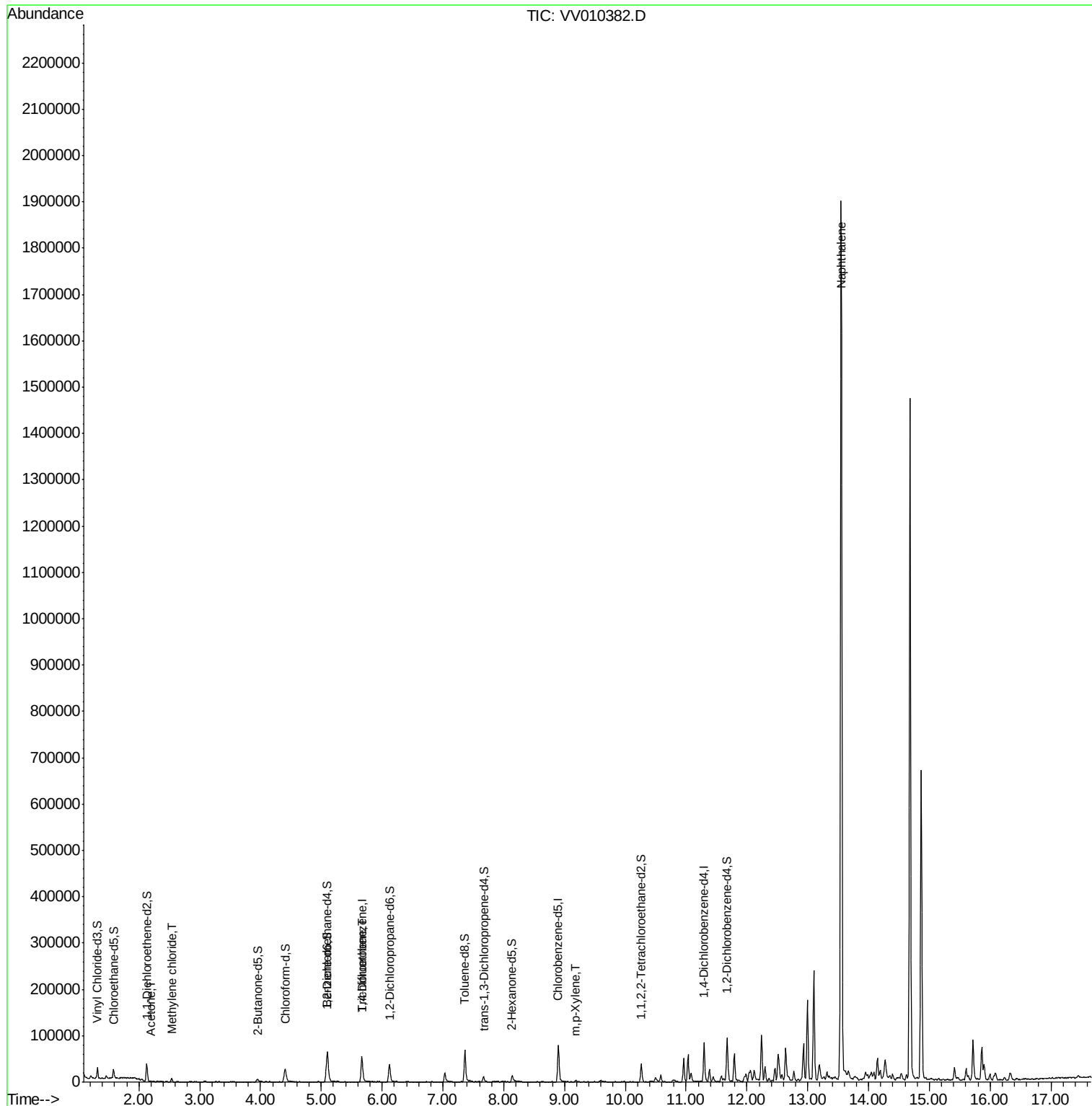
					Qvalue
13) Acetone	2.19	43	753	3.711 ug/L	83
16) Methylene chloride	2.54	84	2526	3.253 ug/L	94
35) Trichloroethene	5.67	95	1334	2.117 ug/L #	6
54) m,p-Xylene	9.18	106	891	0.844 ug/L	98
69) Naphthalene	13.55	128	1420514	890.572 ug/L	100

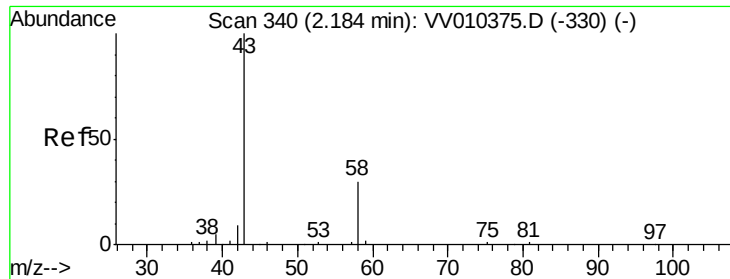
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.711 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.01 min

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Acq: 19 Apr 2019 12:36

Instrument :

MSVOA_V

ClientSampled :

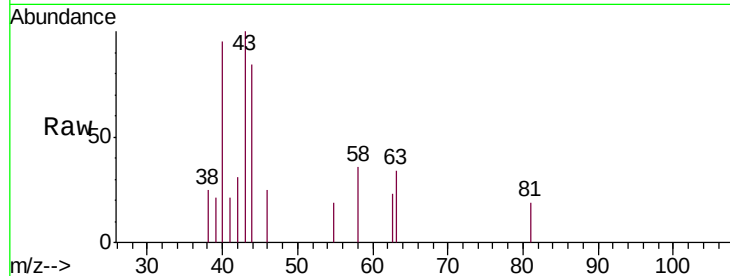
GAHH9

Tgt Ion: 43 Resp: 753

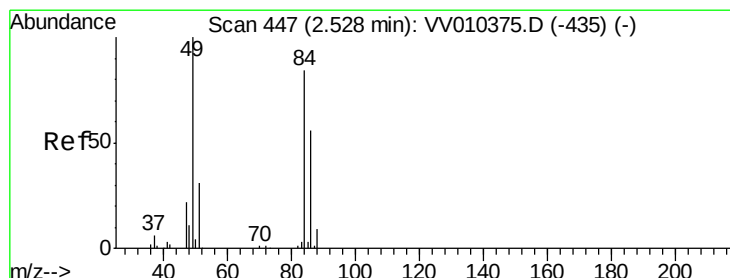
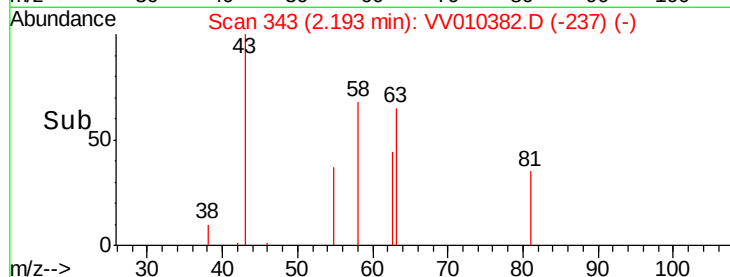
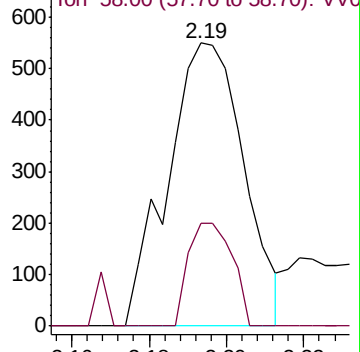
Ion Ratio Lower Upper

43 100

58 21.0 0.0 60.0



Abundance Ion 43.00 (42.70 to 43.70): VV010375.D (-330) (-)



#16

Methylene chloride

Concen: 3.253 ug/L

RT: 2.54 min Scan# 451

Delta R.T. 0.01 min

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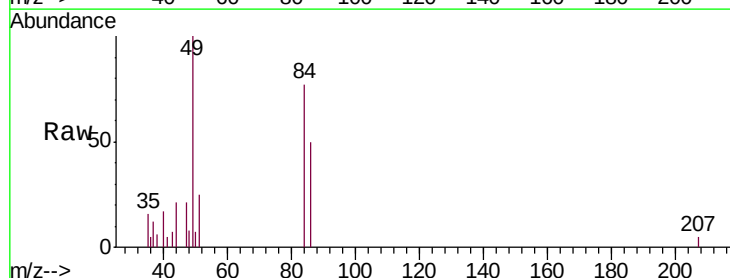
Tgt Ion: 84 Resp: 2526

Ion Ratio Lower Upper

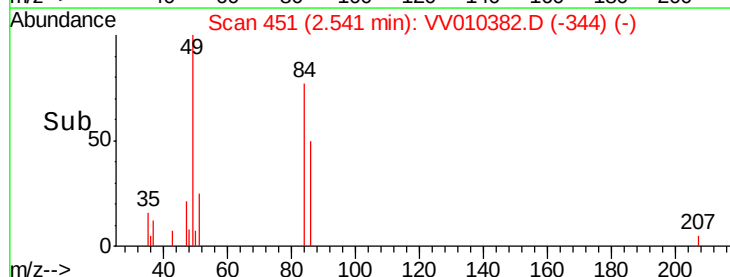
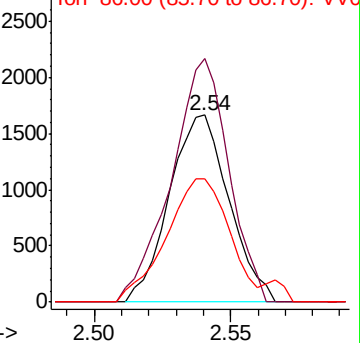
84 100

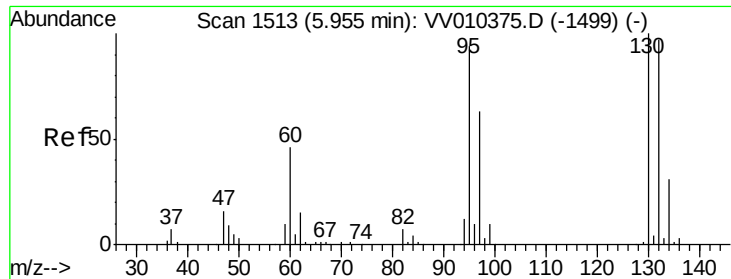
49 130.4 83.8 155.6

86 65.7 46.1 85.5



Abundance Ion 84.00 (83.70 to 84.70): VV010375.D (-435) (-)

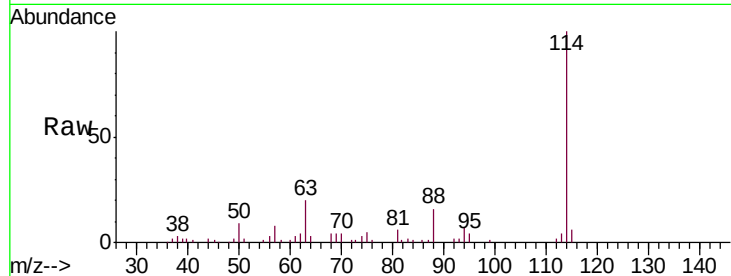




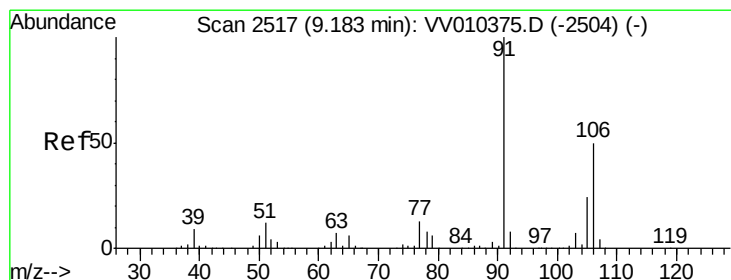
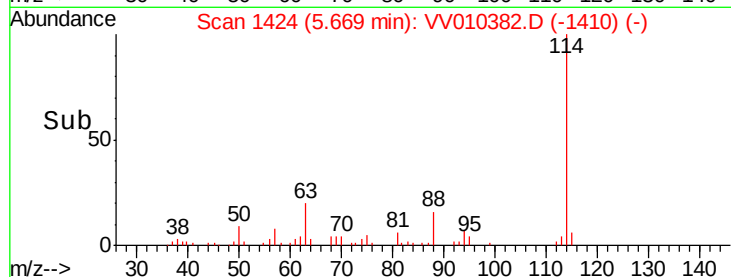
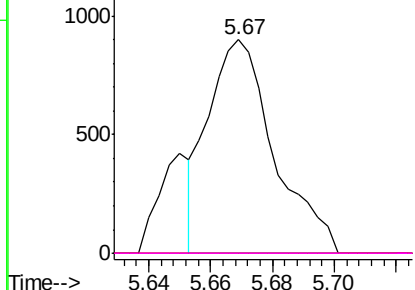
#35
 Trichloroethene
 Concen: 2.117 ug/L
 RT: 5.67 min Scan# 1424
 Delta R.T. -0.29 min
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 GAHH9

Tgt Ion: 95 Resp: 1334
 Ion Ratio Lower Upper
 95 100
 97 0.0 45.6 84.8#
 132 0.0 71.5 132.7#
 130 7.9 74.0 137.4#

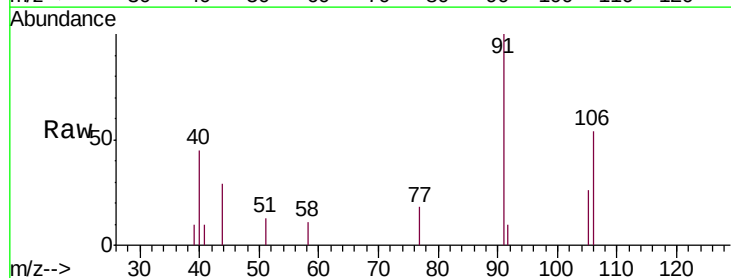


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0

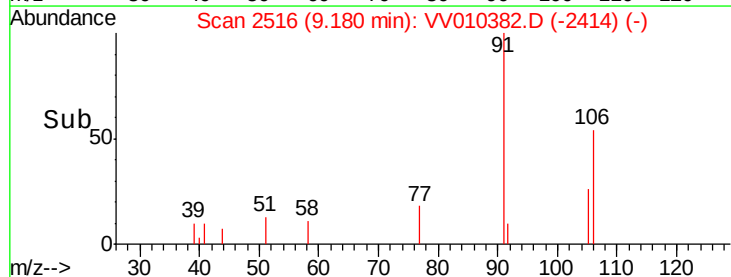
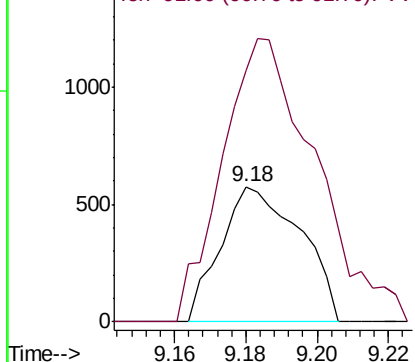


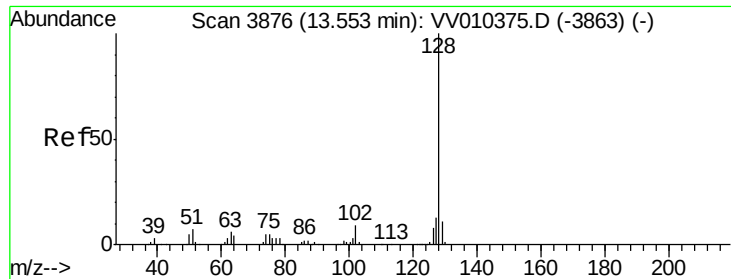
#54
 m,p-Xylene
 Concen: 0.844 ug/L
 RT: 9.18 min Scan# 2516
 Delta R.T. -0.00 min
 Lab File: VV010382.D
 Acq: 19 Apr 2019 12:36

Tgt Ion: 106 Resp: 891
 Ion Ratio Lower Upper
 106 100
 91 204.7 141.6 263.0



Abundance Ion 106.00 (105.70 to 106.70): VV0
 Ion 91.00 (90.70 to 91.70): VV0





#69

Naphthalene

Concen: 890.572 ug/L

RT: 13.55 min Scan# 3875

Delta R.T. -0.00 min

Lab File: VV010382.D

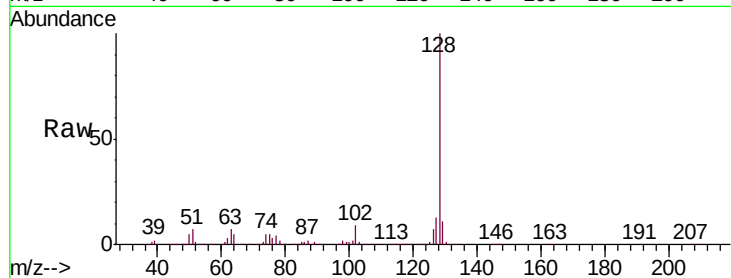
Acq: 19 Apr 2019 12:36

Instrument :

MSVOA_V

ClientSampleId :

GAHH9



Tgt Ion:128 Resp: 1420514

Ion Ratio Lower Upper

128 100

129 10.9 8.7 13.1

127 13.1 10.7 16.1

