

Data File : VV010394.D
Acq On : 19 Apr 2019 20:27
Operator : SY/MD
Sample : K2456-09
Misc : 5.01G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAHP7

Quant Time: Apr 20 04:38:14 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	279872	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	272254	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	142667	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	69816	19.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.56%
7) Chloroethane-d5	1.58	69	61305	20.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.16%
10) 1,1-Dichloroethene-d2	2.13	63	110511	12.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.56%
20) 2-Butanone-d5	3.94	46	55233	49.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.82%
24) Chloroform-d	4.40	84	148445	20.17	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.68%
26) 1,2-Dichloroethane-d4	5.08	65	102837	23.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.72%
29) Benzene-d6	5.10	84	280653	20.14	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.56%
33) 1,2-Dichloropropane-d6	6.12	67	89095	21.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.40%
37) Toluene-d8	7.36	98	269675	20.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.52%
38) trans-1,3-Dichloropropene-	7.66	79	39336	19.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.44%
39) 2-Hexanone-d5	8.13	63	42247	46.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.04%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	91610	22.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.84%
61) 1,2-Dichlorobenzene-d4	11.67	152	123829	22.08	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.32%

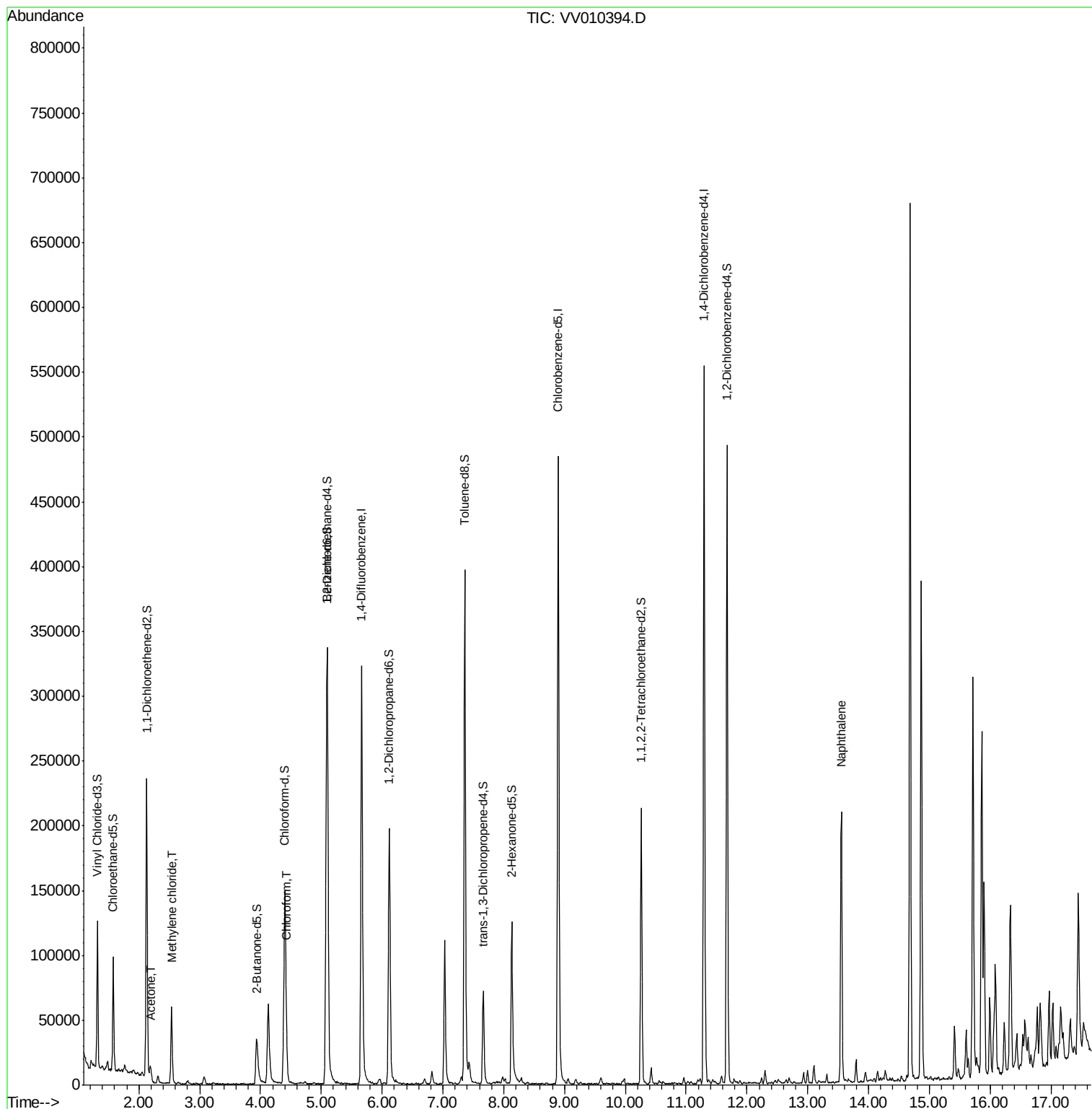
Target Compounds					Qvalue
13) Acetone	2.19	43	5125	4.388 ug/L	98
16) Methylene chloride	2.53	84	25898	5.793 ug/L	92
25) Chloroform	4.43	83	9346	1.361 ug/L #	30
69) Naphthalene	13.55	128	158818	14.870 ug/L	99

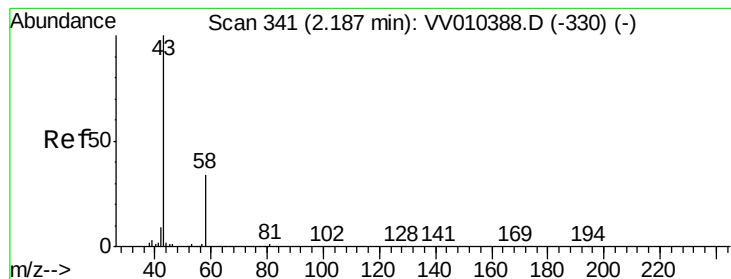
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.388 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

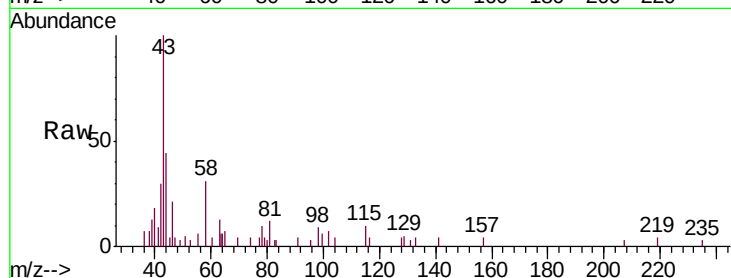
GAHP7

Tgt Ion: 43 Resp: 5125

Ion Ratio Lower Upper

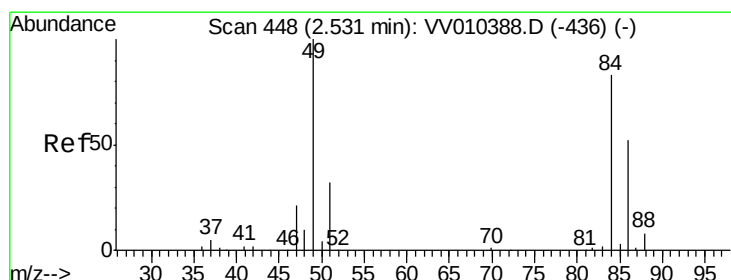
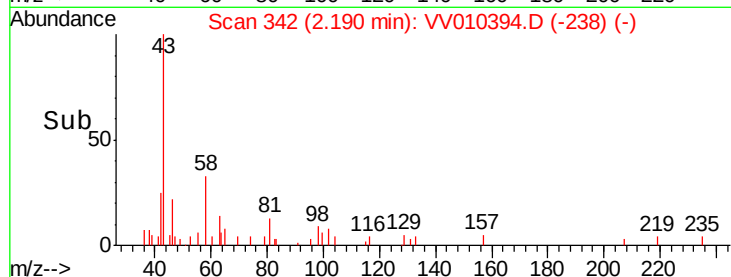
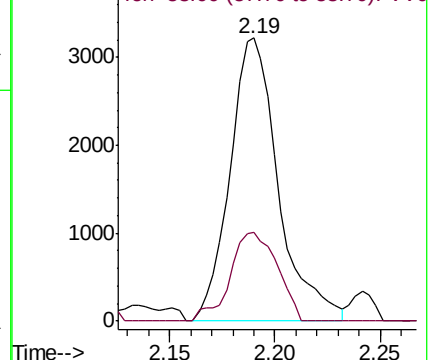
43 100

58 29.0 0.0 60.0



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#16

Methylene chloride

Concen: 5.793 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

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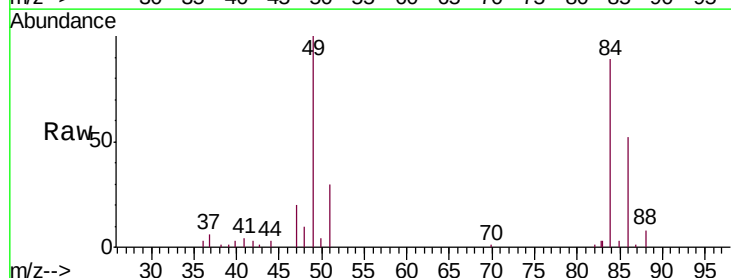
Tgt Ion: 84 Resp: 25898

Ion Ratio Lower Upper

84 100

49 112.1 83.8 155.6

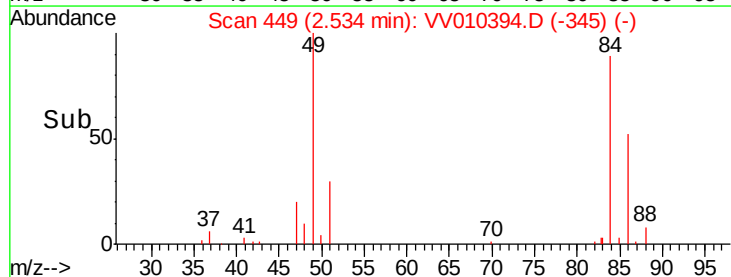
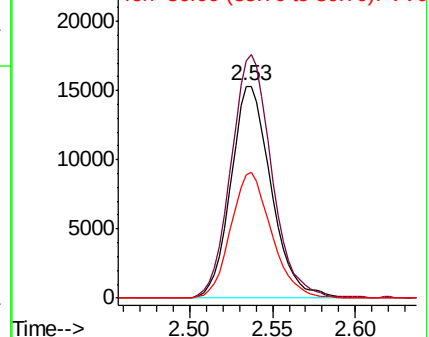
86 58.1 46.1 85.5

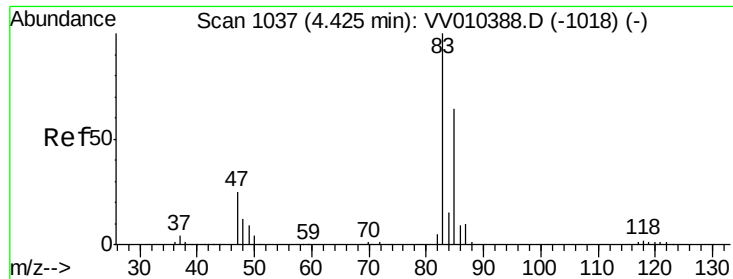


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

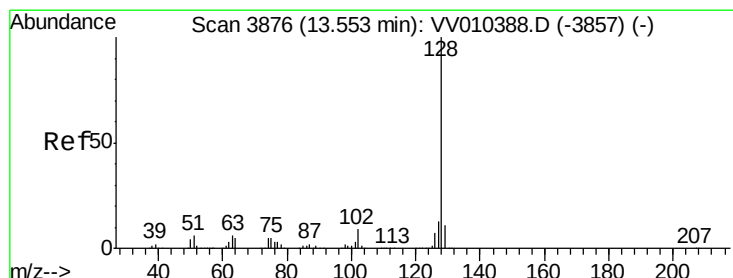
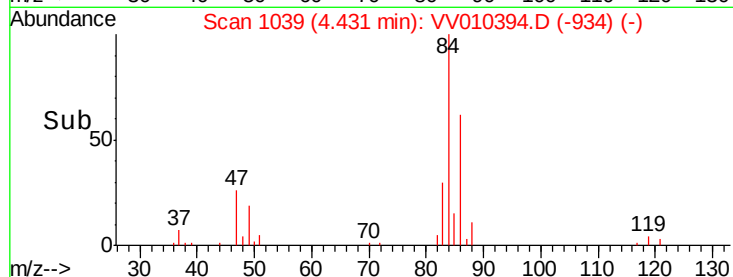
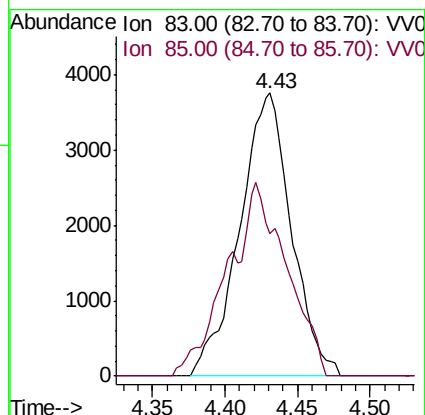
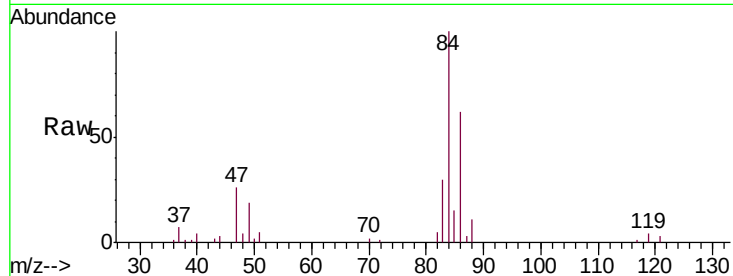




#25
Chloroform
Concen: 1.361 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.01 min
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Tgt Ion: 83 Resp: 9346
Ion Ratio Lower Upper
83 100
85 10.3 46.5 86.5#



#69
Naphthalene
Concen: 14.870 ug/L
RT: 13.55 min Scan# 3876
Delta R.T. -0.00 min
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Tgt Ion: 128 Resp: 158818
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.9 10.7 16.1

