

Data File : VV010376.D
Acq On : 19 Apr 2019 08:10
Operator : SY/MD
Sample : VV0418SBL03
Misc : 5.00G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK73

Quant Time: Apr 20 02:30:28 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	5.66	114	354136	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	332996	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	146040	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	95994	21.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.40%
7) Chloroethane-d5	1.55	69	92097	24.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.52%
10) 1,1-Dichloroethene-d2	2.11	63	172820	15.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.72%
20) 2-Butanone-d5	3.92	46	73955	52.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.62%
24) Chloroform-d	4.39	84	215394	23.14	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.56%
26) 1,2-Dichloroethane-d4	5.07	65	146292	26.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.48%
29) Benzene-d6	5.09	84	418790	24.57	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.28%
33) 1,2-Dichloropropane-d6	6.11	67	128843	25.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.32%
37) Toluene-d8	7.36	98	393137	23.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.96%
38) trans-1,3-Dichloropropene-	7.66	79	50533	20.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.40%
39) 2-Hexanone-d5	8.13	63	45104	40.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.22%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	123429	24.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.96%
61) 1,2-Dichlorobenzene-d4	11.67	152	149001	25.95	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.80%

Target Compounds

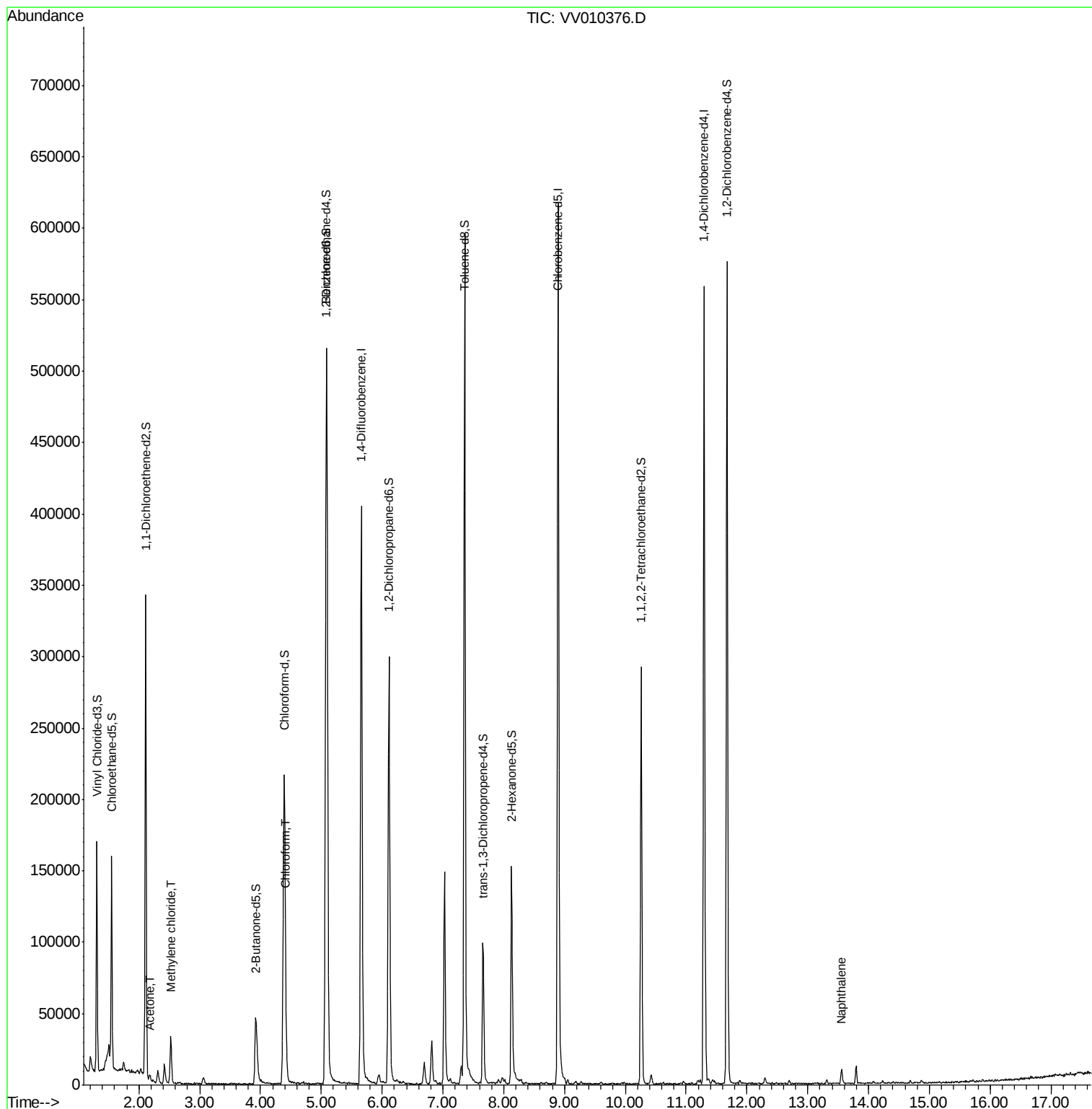
					Qvalue
13) Acetone	2.18	43	2531	1.713 ug/L	94
16) Methylene chloride	2.52	84	13450	2.378 ug/L	91
25) Chloroform	4.42	83	11232	1.293 ug/L	79
69) Naphthalene	13.56	128	8813	0.806 ug/L #	94

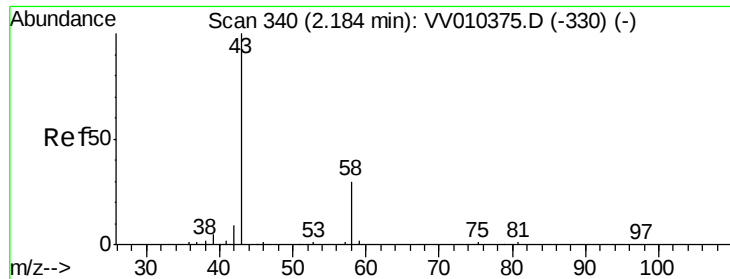
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.713 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampled :

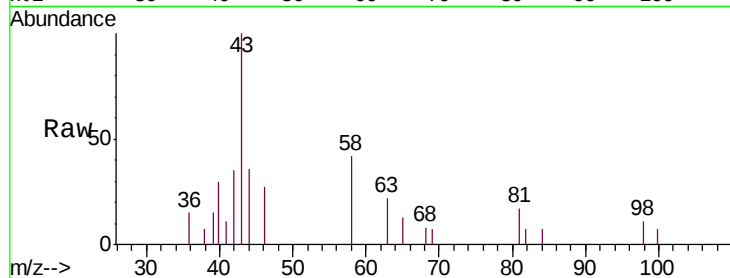
VBLK73

Tgt Ion: 43 Resp: 2531

Ion Ratio Lower Upper

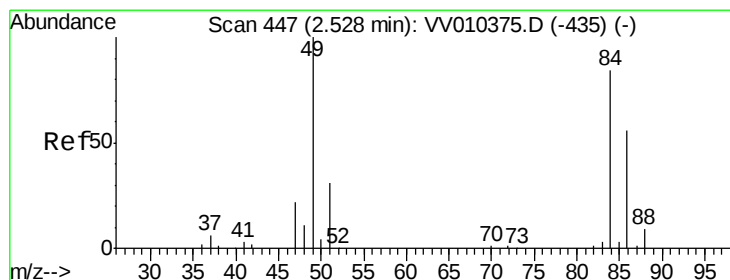
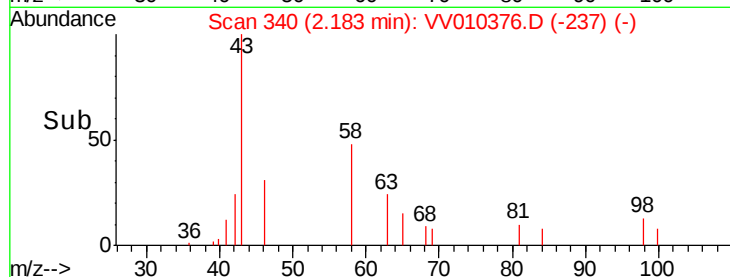
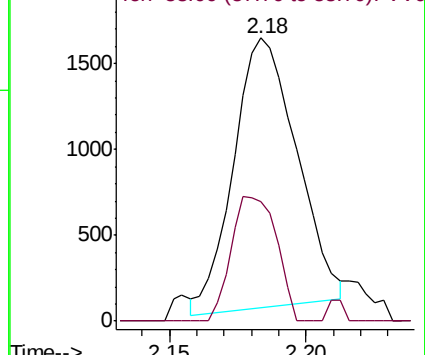
43 100

58 33.1 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: 2.378 ug/L

RT: 2.52 min Scan# 446

Delta R.T. -0.00 min

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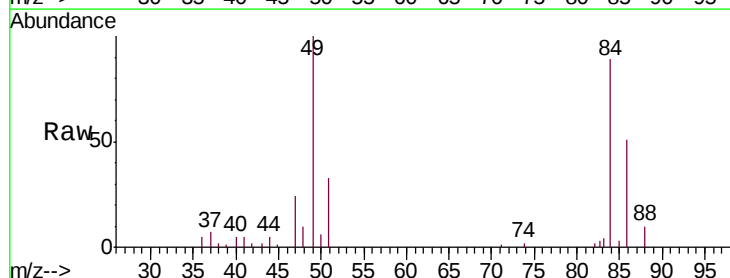
Tgt Ion: 84 Resp: 13450

Ion Ratio Lower Upper

84 100

49 112.1 83.8 155.6

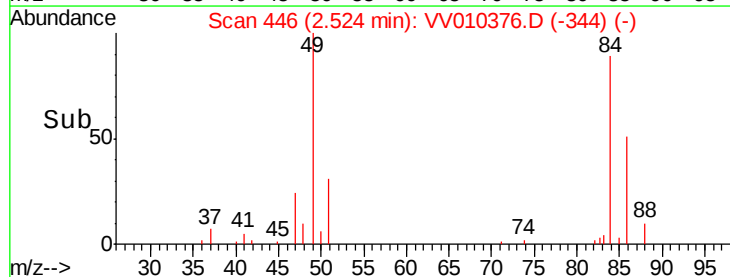
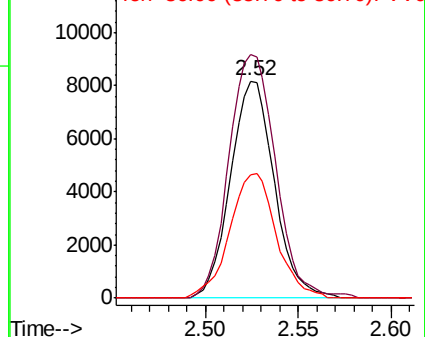
86 56.7 46.1 85.5

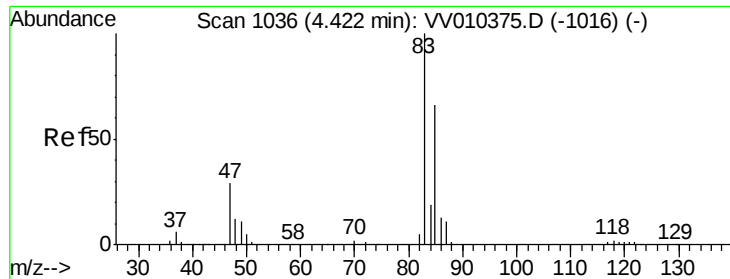


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

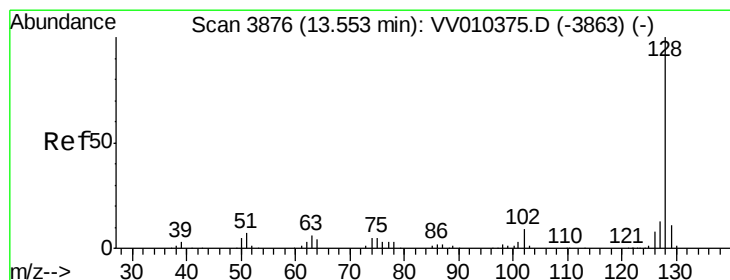
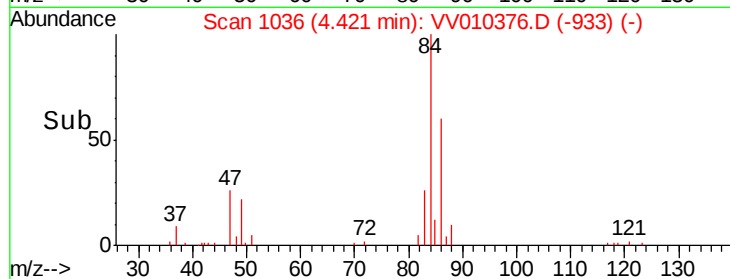
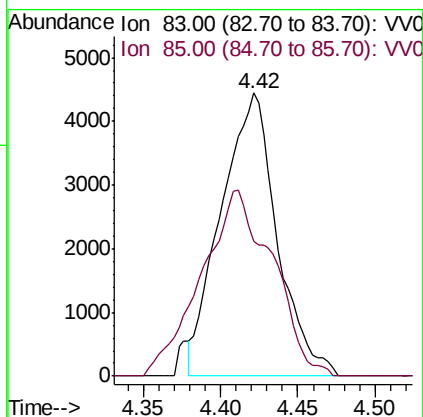
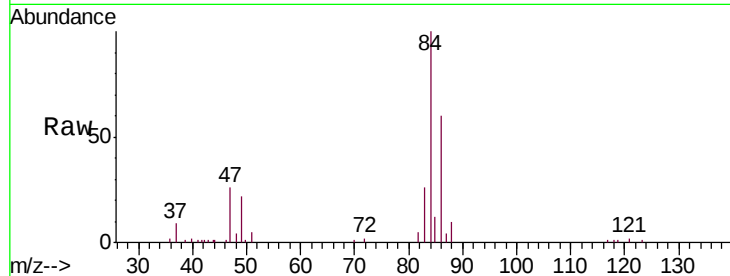




#25
Chloroform
Concen: 1.293 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
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Tgt Ion: 83 Resp: 11232
Ion Ratio Lower Upper
83 100
85 83.4 46.5 86.5



#69
Naphthalene
Concen: 0.806 ug/L
RT: 13.56 min Scan# 3878
Delta R.T. 0.01 min
Lab File: VV010376.D
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Tgt Ion: 128 Resp: 8813
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 8.8 10.7 16.1#

