

Data File : VV010744.D
Acq On : 09 May 2019 01:47
Operator : SY/MD
Sample : VV0507SBL04
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK84

Quant Time: May 09 04:46:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Thu May 09 04:43:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	91369	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	94490	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	40593	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31875	22.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.84%
7) Chloroethane-d5	1.57	69	29319	25.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.40%
10) 1,1-Dichloroethene-d2	2.12	63	53979	17.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.12%
20) 2-Butanone-d5	3.93	46	18959	44.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.02%
24) Chloroform-d	4.40	84	61282	24.60	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.08	65	40305	25.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.64%
29) Benzene-d6	5.09	84	122797	24.69	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.76%
33) 1,2-Dichloropropane-d6	6.11	67	40343	25.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.84%
37) Toluene-d8	7.36	98	117028	24.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.28%
38) trans-1,3-Dichloropropene-	7.66	79	15405	21.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.28%
39) 2-Hexanone-d5	8.13	63	13563	40.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.80%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	32162	21.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.36%
61) 1,2-Dichlorobenzene-d4	11.67	152	39641	25.21	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.84%

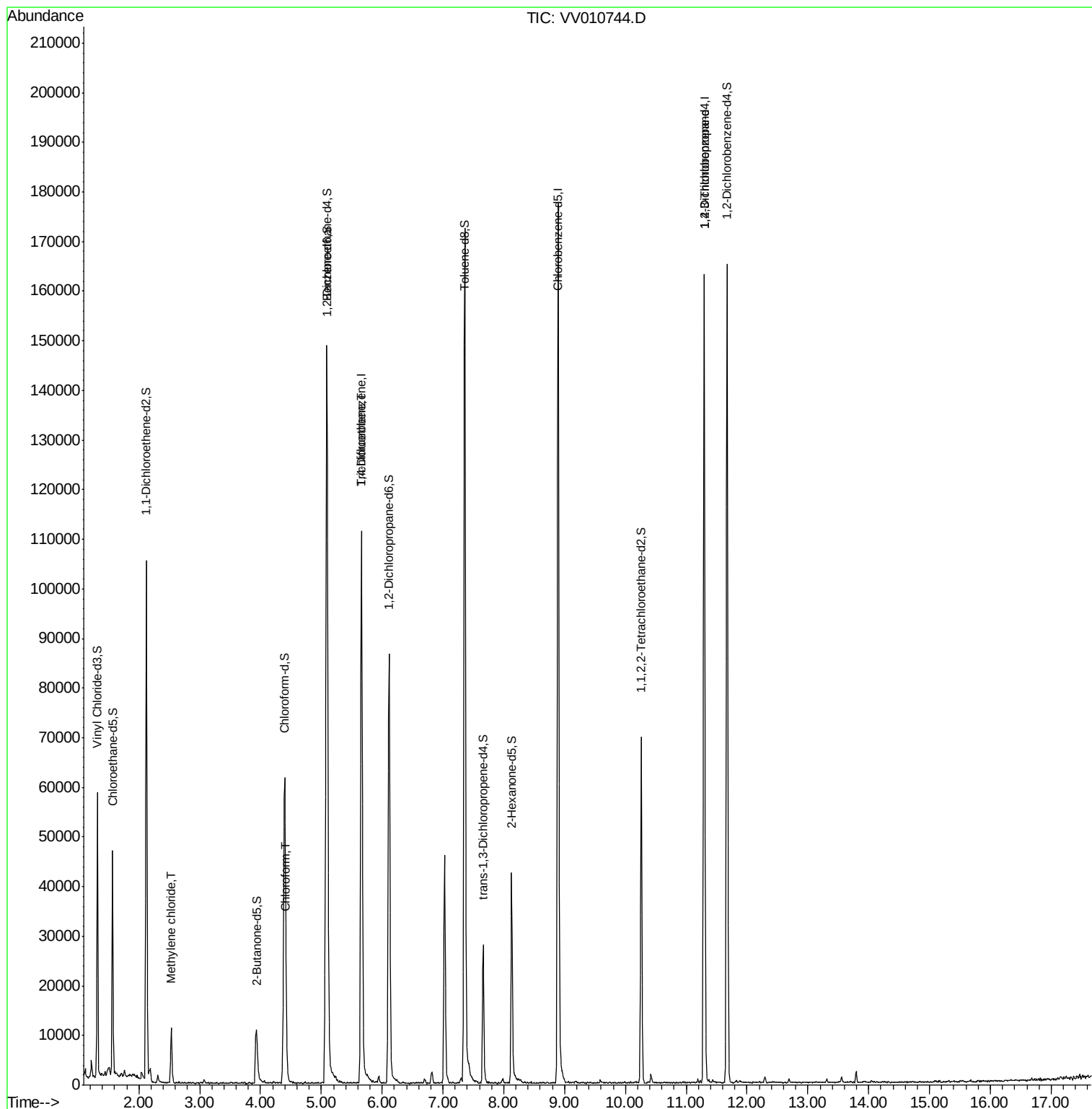
Target Compounds					Qvalue
16) Methylene chloride	2.53	84	4518	3.198 ug/L	95
25) Chloroform	4.43	83	3319	1.200 ug/L #	73
35) Trichloroethene	5.66	95	2738	1.762 ug/L #	7
59) 1,2,3-Trichloropropane	11.30	75	5745	4.635 ug/L #	82

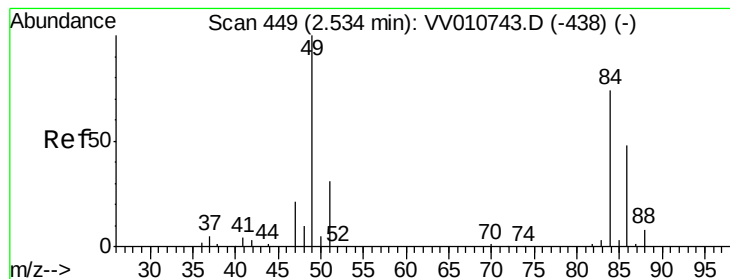
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 3.198 ug/L

RT: 2.53 min Scan# 448

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampled :

VBLK84

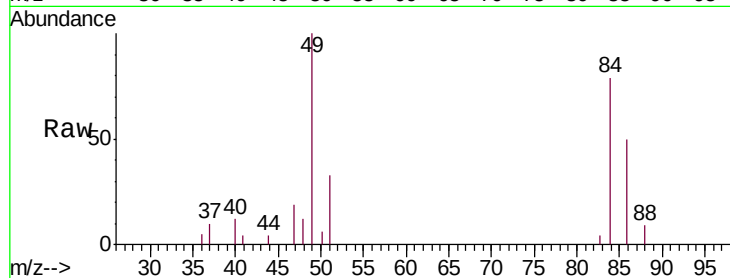
Tgt Ion: 84 Resp: 4518

Ion Ratio Lower Upper

84 100

49 127.0 92.9 172.5

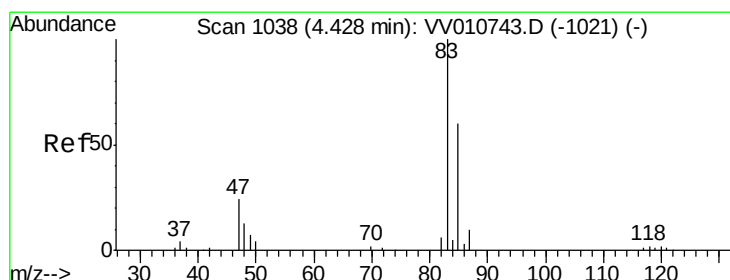
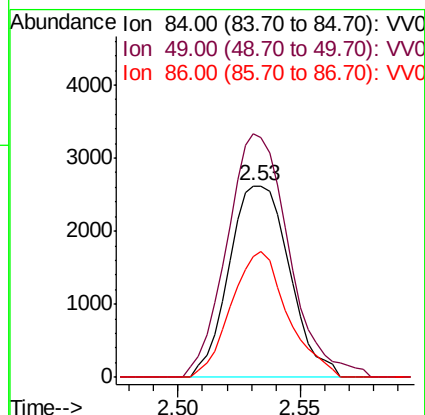
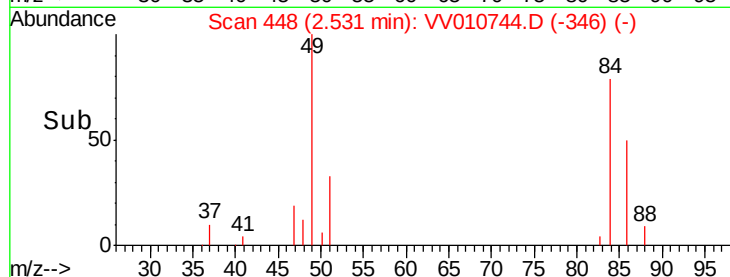
86 63.3 46.5 86.5



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: 1.200 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.00 min

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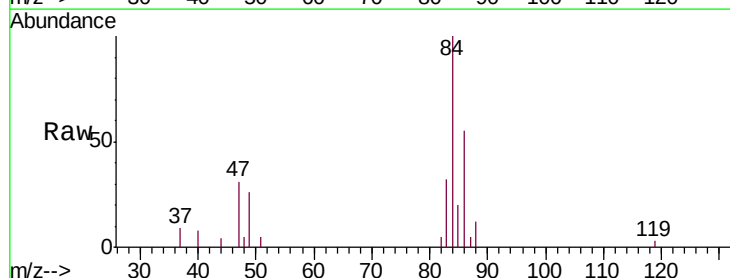
Acq: 09 May 2019 01:47

Tgt Ion: 83 Resp: 3319

Ion Ratio Lower Upper

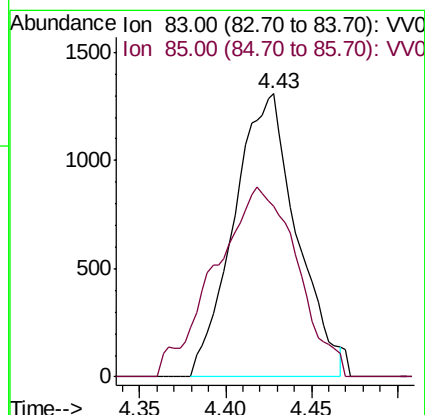
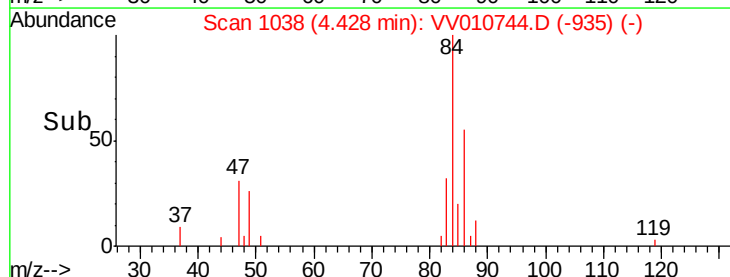
83 100

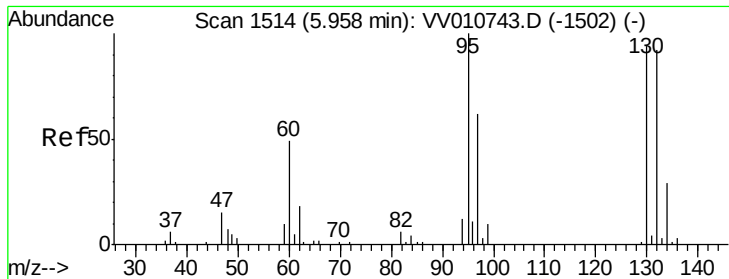
85 84.9 44.6 82.8#



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0





#35

Trichloroethene

Concen: 1.762 ug/L

RT: 5.66 min Scan# 1421

Delta R.T. -0.30 min

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ClientSampleId :

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Tgt Ion: 95 Resp: 2738

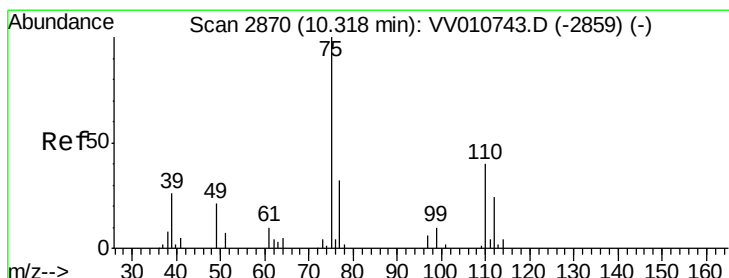
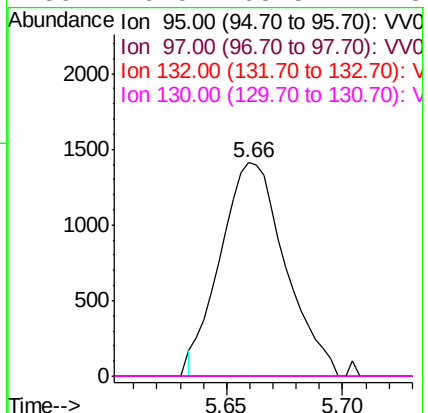
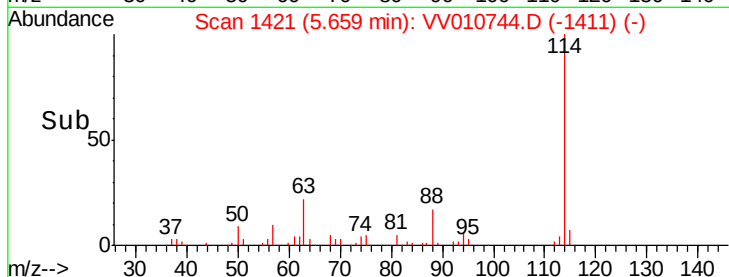
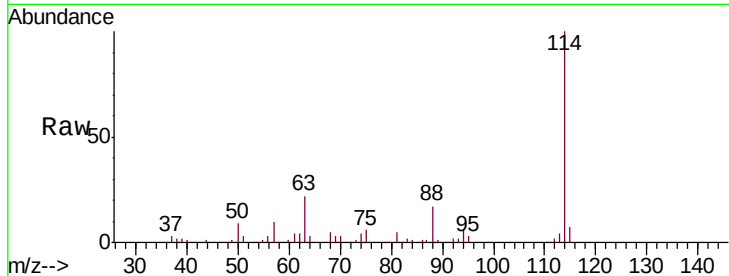
Ion Ratio Lower Upper

95 100

97 0.0 44.3 82.3#

132 0.0 62.4 115.8#

130 0.0 68.5 127.3#



#59

1,2,3-Trichloropropane

Concen: 4.635 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

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Tgt Ion: 75 Resp: 5745

Ion Ratio Lower Upper

75 100

77 41.4 25.0 37.6#

