

Data File : VV010821.D
Acq On : 10 May 2019 18:46
Operator : SY/MD
Sample : K2634-07
Misc : 5.03G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: May 10 23:04:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Fri May 10 22:59:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	83603	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	88459	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	36864	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	28721	22.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.44%
7) Chloroethane-d5	1.57	69	26404	24.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.80%
10) 1,1-Dichloroethene-d2	2.13	63	47973	17.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.12%
20) 2-Butanone-d5	3.93	46	17791	45.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.30%
24) Chloroform-d	4.40	84	49836	21.86	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.44%
26) 1,2-Dichloroethane-d4	5.08	65	33684	23.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.64%
29) Benzene-d6	5.10	84	100946	21.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.72%
33) 1,2-Dichloropropane-d6	6.12	67	32499	21.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.64%
37) Toluene-d8	7.36	98	90963	20.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.60%
38) trans-1,3-Dichloropropene-	7.66	79	12893	19.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.24%
39) 2-Hexanone-d5	8.13	63	12590	40.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.10%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	29312	21.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.08%
61) 1,2-Dichlorobenzene-d4	11.67	152	32818	22.99	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.96%

Target Compounds

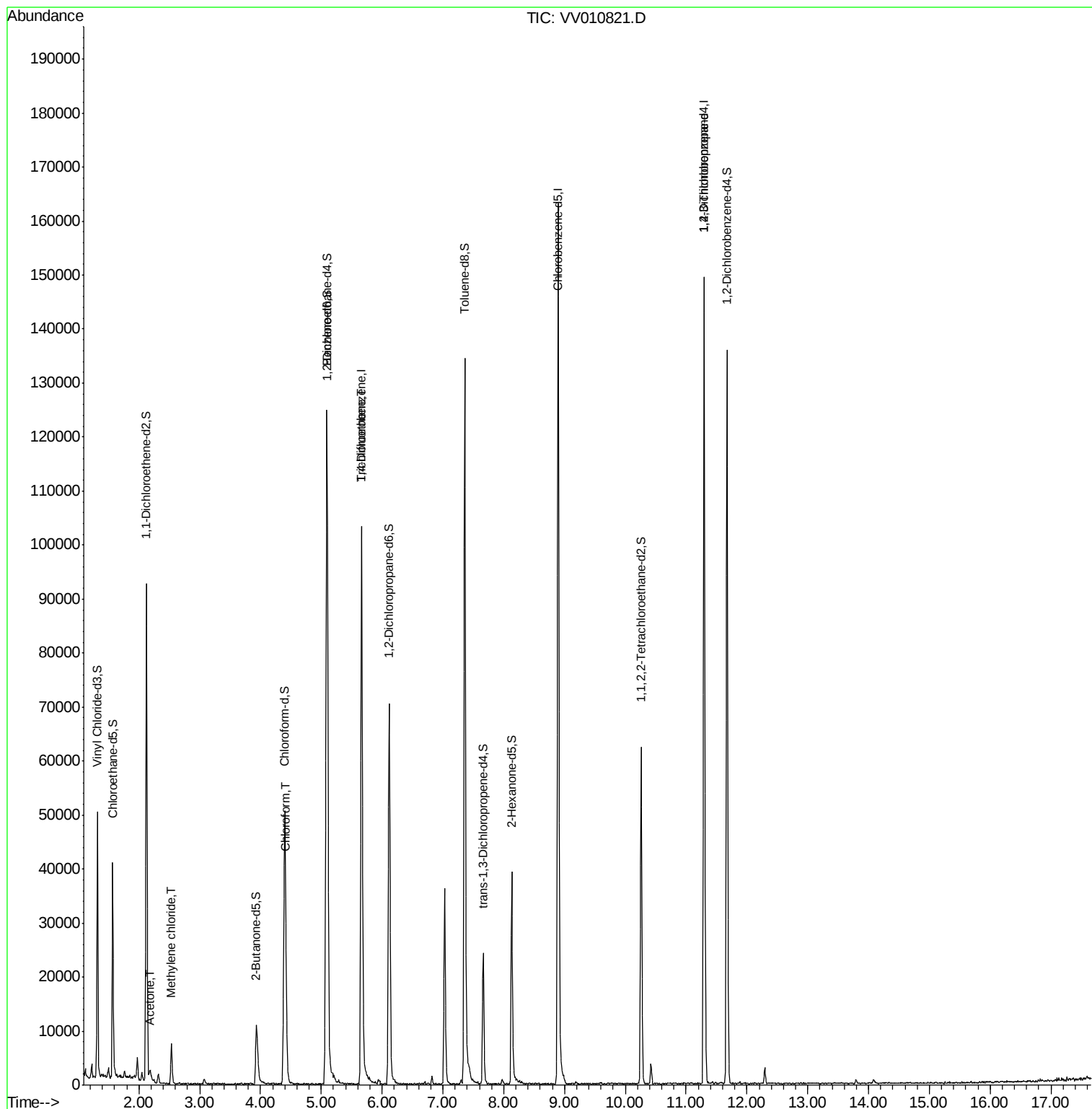
					Qvalue
13) Acetone	2.19	43	884	1.465 ug/L	100
16) Methylene chloride	2.53	84	2999	2.320 ug/L	97
25) Chloroform	4.42	83	4124	1.630 ug/L	79
35) Trichloroethene	5.67	95	2814	1.935 ug/L #	7
59) 1,2,3-Trichloropropane	11.30	75	5427	4.677 ug/L #	87

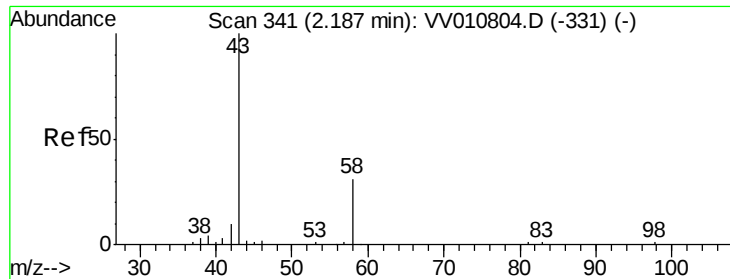
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.465 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

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Acq: 10 May 2019 18:46

Instrument :

MSVOA_V

ClientSampleId :

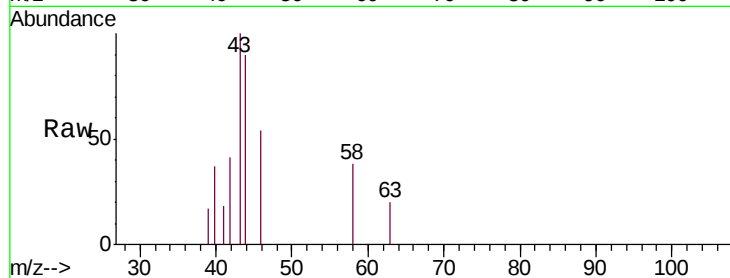
VHBLK01

Tgt Ion: 43 Resp: 884

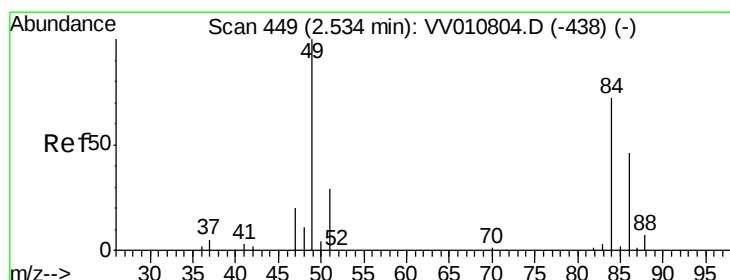
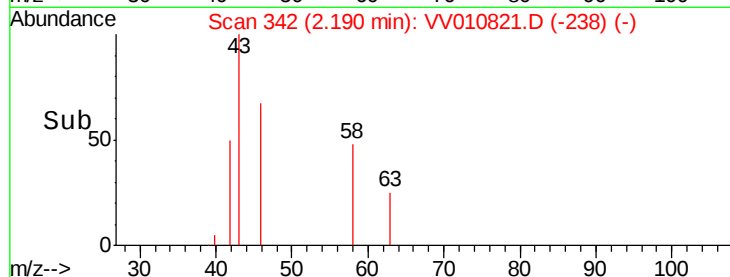
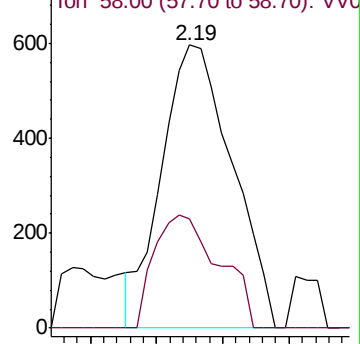
Ion Ratio Lower Upper

43 100

58 31.6 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VV010804.D (-331) (-)



#16

Methylene chloride

Concen: 2.320 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

Lab File: VV010821.D

Acq: 10 May 2019 18:46

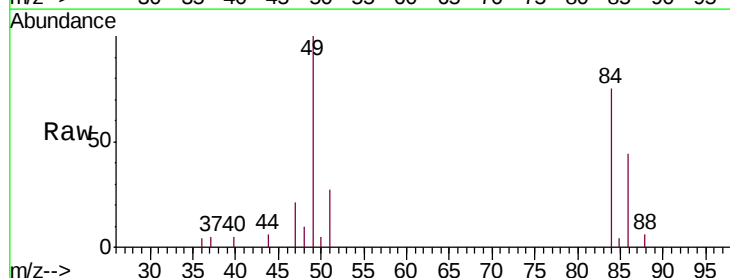
Tgt Ion: 84 Resp: 2999

Ion Ratio Lower Upper

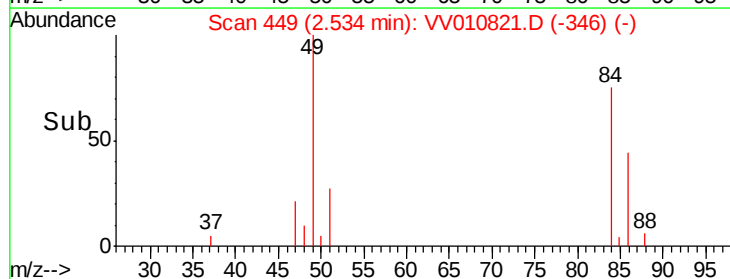
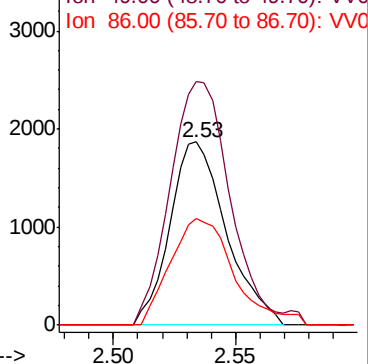
84 100

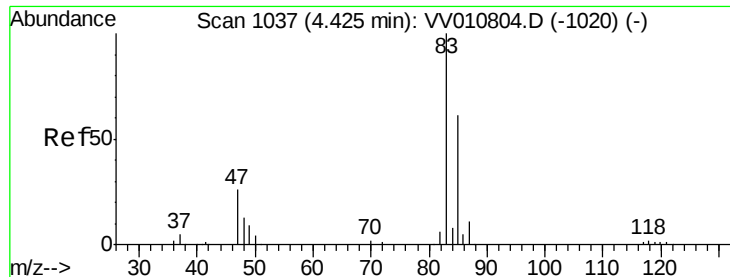
49 132.8 92.9 172.5

86 58.3 46.5 86.5



Abundance Ion 84.00 (83.70 to 84.70): VV010804.D (-438) (-)

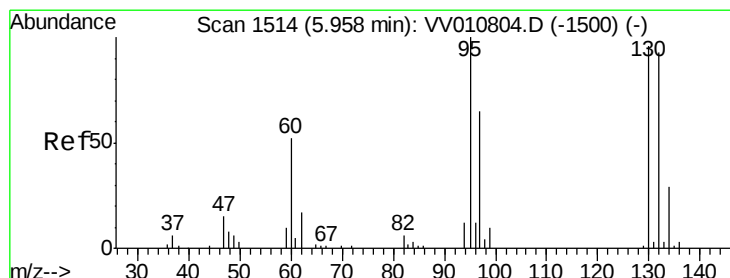
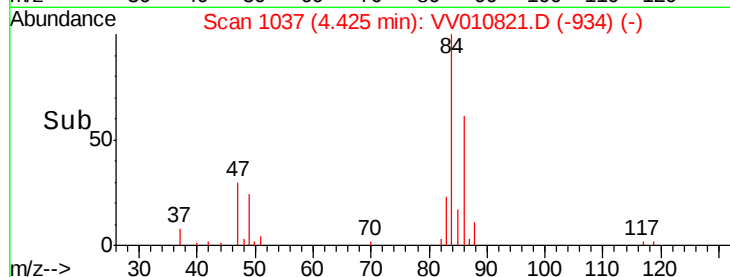
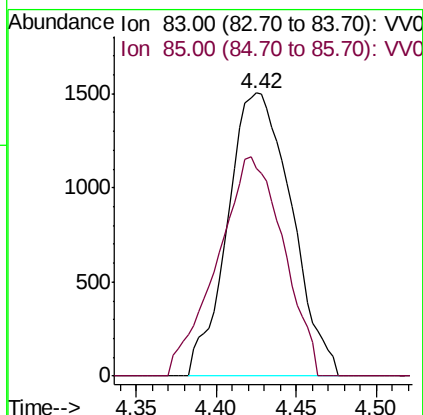
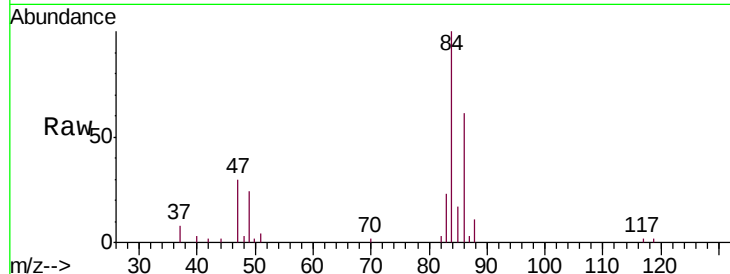




#25
Chloroform
Concen: 1.630 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
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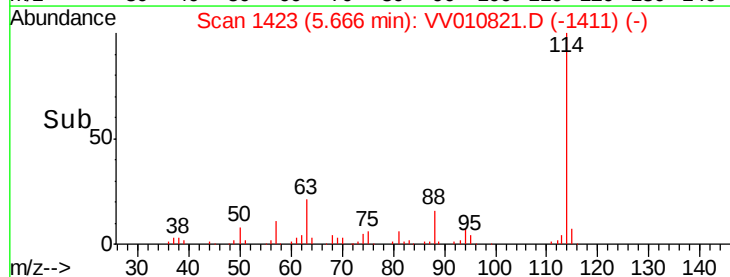
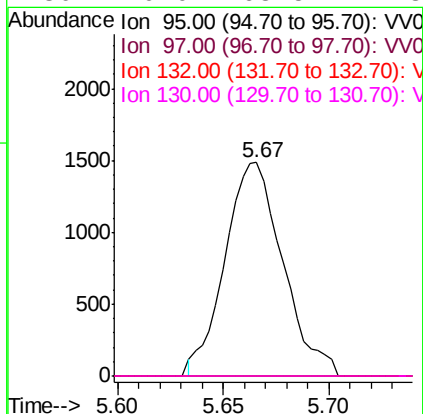
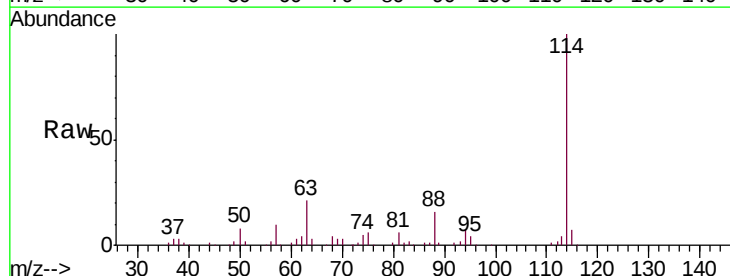
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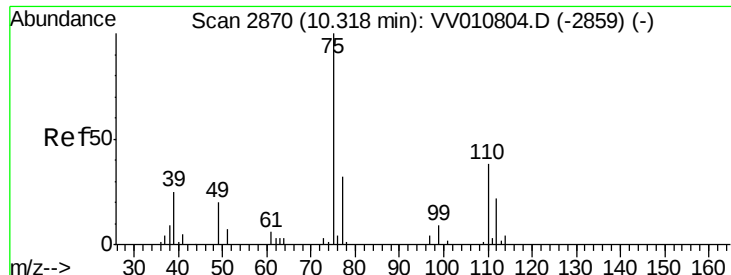
Tgt Ion: 83 Resp: 4124
Ion Ratio Lower Upper
83 100
85 80.4 44.6 82.8



#35
Trichloroethene
Concen: 1.935 ug/L
RT: 5.67 min Scan# 1423
Delta R.T. -0.29 min
Lab File: VV010821.D
Acq: 10 May 2019 18:46

Tgt Ion: 95 Resp: 2814
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: 4.677 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV010821.D

Acq: 10 May 2019 18:46

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

Tgt Ion: 75 Resp: 5427

Ion Ratio Lower Upper

75 100

77 24.3 25.0 37.6#

