

Data File : VV009920.D
Acq On : 27 Mar 2019 11:28
Operator : SY/MD
Sample : VV0327SBL01
Misc : 5.00G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK75

Quant Time: Mar 28 05:15:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 05:12:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	174472	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	166693	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	71129	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	79972	22.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.36%
7) Chloroethane-d5	1.57	69	83619	21.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.48%
10) 1,1-Dichloroethene-d2	2.13	63	171930	17.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.00%
20) 2-Butanone-d5	3.93	46	33099	50.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.34%
24) Chloroform-d	4.40	84	94526	21.27	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.08%
26) 1,2-Dichloroethane-d4	5.08	65	61456	22.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.88%
29) Benzene-d6	5.10	84	213451	24.38	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.52%
33) 1,2-Dichloropropane-d6	6.12	67	62964	24.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.32%
37) Toluene-d8	7.36	98	198849	24.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.00%
38) trans-1,3-Dichloropropene-	7.66	79	22854	21.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.24%
39) 2-Hexanone-d5	8.13	63	23071	48.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.52%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	56858	22.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.68%
61) 1,2-Dichlorobenzene-d4	11.67	152	63927	23.61	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.44%

Target Compounds

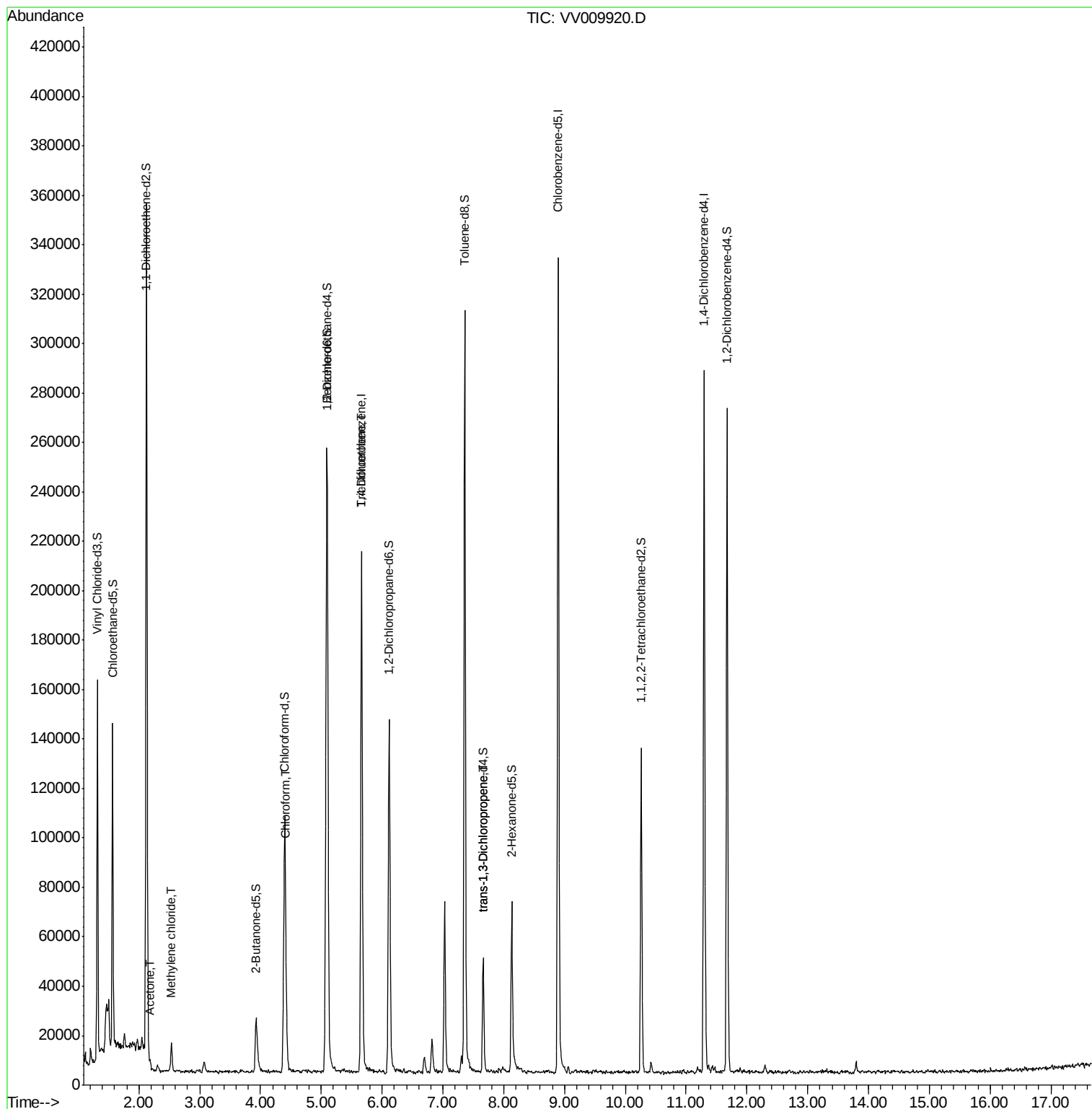
					Qvalue
13) Acetone	2.19	43	1262	1.263 ug/L	80
16) Methylene chloride	2.54	84	4871	1.695 ug/L	88
25) Chloroform	4.42	83	7421	1.605 ug/L	80
35) Trichloroethene	5.66	95	4883	2.022 ug/L #	5
45) trans-1,3-Dichloropropene	7.66	75	1276	0.467 ug/L #	65

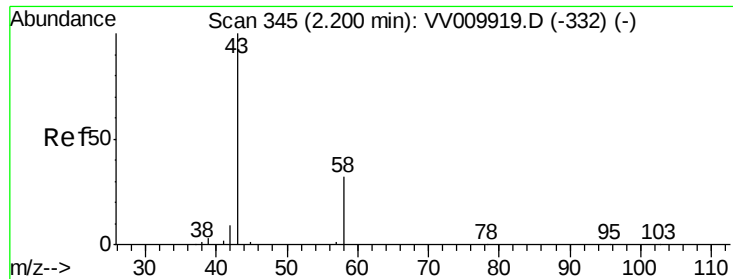
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.263 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.01 min

Lab File: VV009920.D

Acq: 27 Mar 2019 11:28

Instrument :

MSVOA_V

ClientSampled :

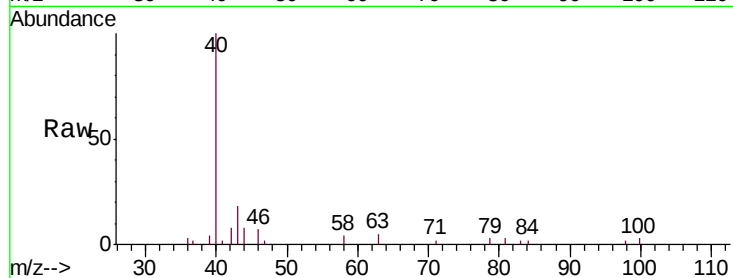
VBLK75

Tgt Ion: 43 Resp: 1262

Ion Ratio Lower Upper

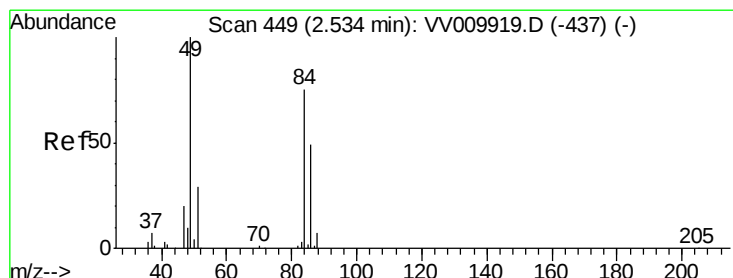
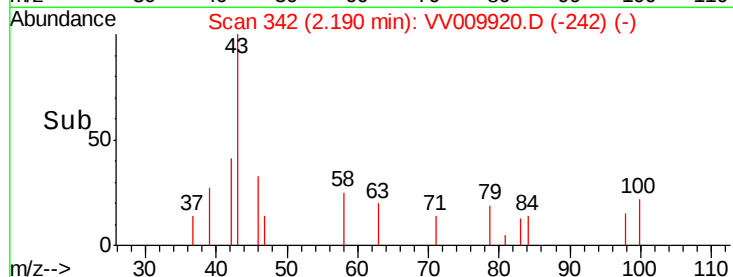
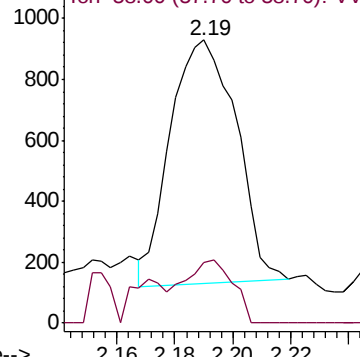
43 100

58 19.1 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#16

Methylene chloride

Concen: 1.695 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

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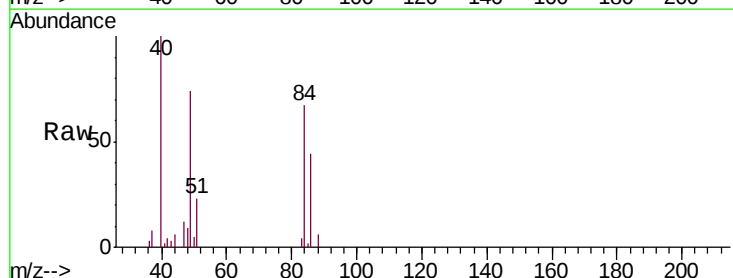
Tgt Ion: 84 Resp: 4871

Ion Ratio Lower Upper

84 100

49 110.5 90.4 167.8

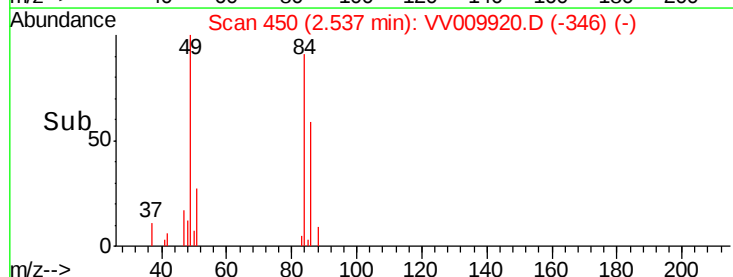
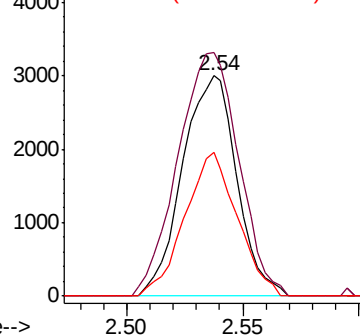
86 65.3 44.0 81.6

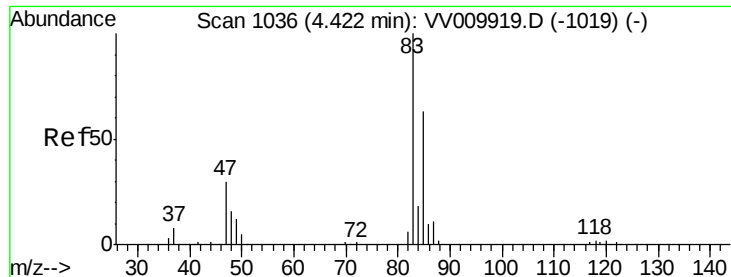


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

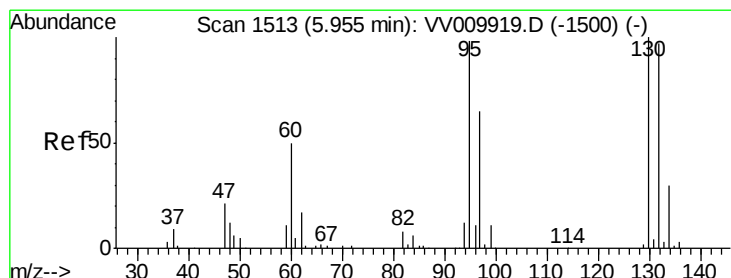
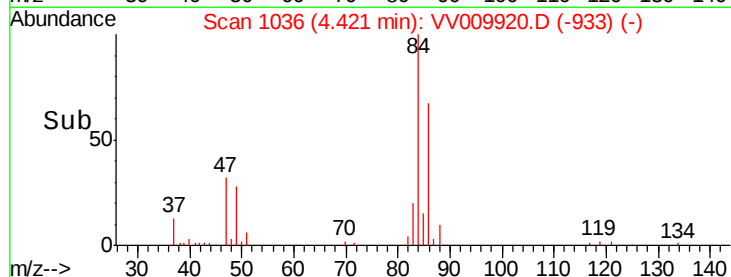
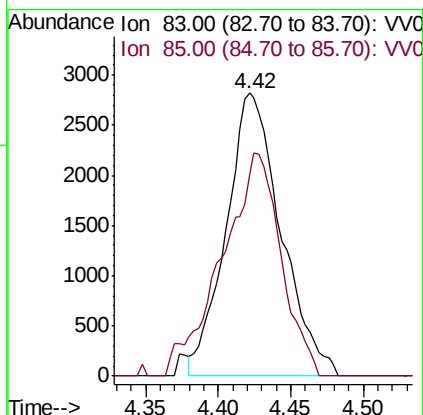
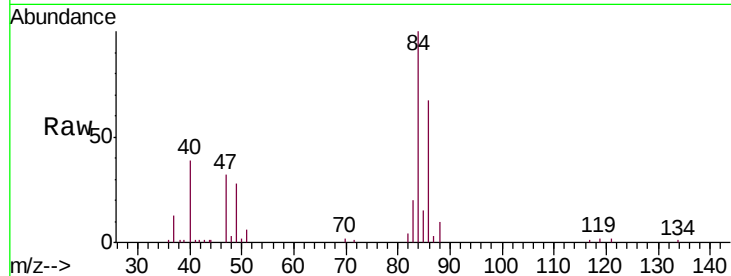




#25
Chloroform
Concen: 1.605 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
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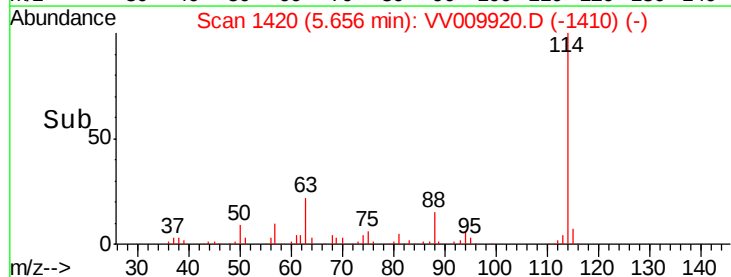
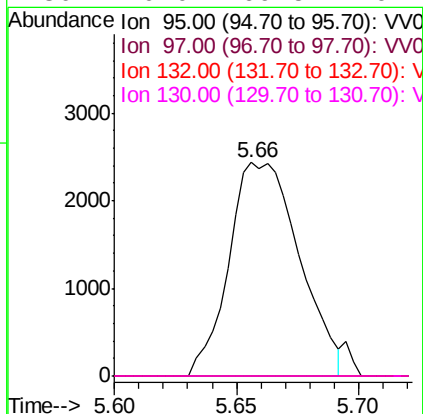
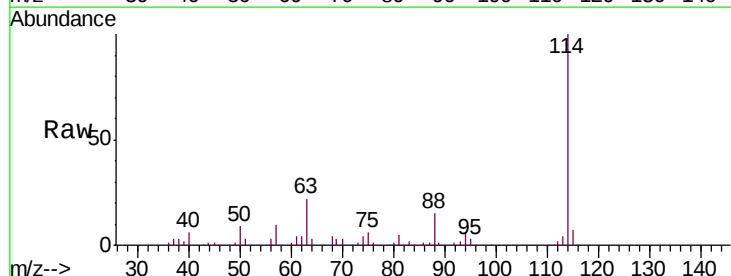
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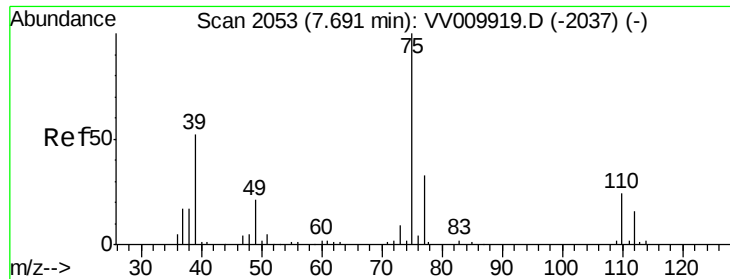
Tgt Ion: 83 Resp: 7421
Ion Ratio Lower Upper
83 100
85 81.7 46.1 85.7



#35
Trichloroethene
Concen: 2.022 ug/L
RT: 5.66 min Scan# 1420
Delta R.T. -0.30 min
Lab File: VV009920.D
Acq: 27 Mar 2019 11:28

Tgt Ion: 95 Resp: 4883
Ion Ratio Lower Upper
95 100
97 1.0 46.3 85.9#
132 0.0 69.3 128.7#
130 0.0 69.5 129.1#





#45

trans-1,3-Dichloropropene

Concen: 0.467 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV009920.D

Acq: 27 Mar 2019 11:28

Instrument :

MSVOA_V

ClientSampleId :

VBLK75

Tgt Ion: 75 Resp: 1276

Ion Ratio Lower Upper

75 100

77 48.4 20.7 38.5#

