

Data File : VV009563.D
Acq On : 10 Mar 2019 13:26
Operator : SY/MD
Sample : VV0310SBL01
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK69

Quant Time: Mar 11 04:51:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 11 04:48:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	147766	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	140294	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	61368	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	37392	21.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.08%
7) Chloroethane-d5	1.57	69	57048	22.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.72%
10) 1,1-Dichloroethene-d2	2.13	63	81603	17.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.52%
20) 2-Butanone-d5	3.95	46	33849	55.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.68%
24) Chloroform-d	4.40	84	84239	23.93	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.72%
26) 1,2-Dichloroethane-d4	5.08	65	53610	26.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.08%
29) Benzene-d6	5.10	84	174533	25.12	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.48%
33) 1,2-Dichloropropane-d6	6.12	67	52684	25.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.76%
37) Toluene-d8	7.36	98	158646	23.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.68%
38) trans-1,3-Dichloropropene-	7.67	79	22183	22.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.28%
39) 2-Hexanone-d5	8.14	63	24234	50.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.28%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	53328	24.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.60%
61) 1,2-Dichlorobenzene-d4	11.68	152	54372	24.27	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.08%

Target Compounds

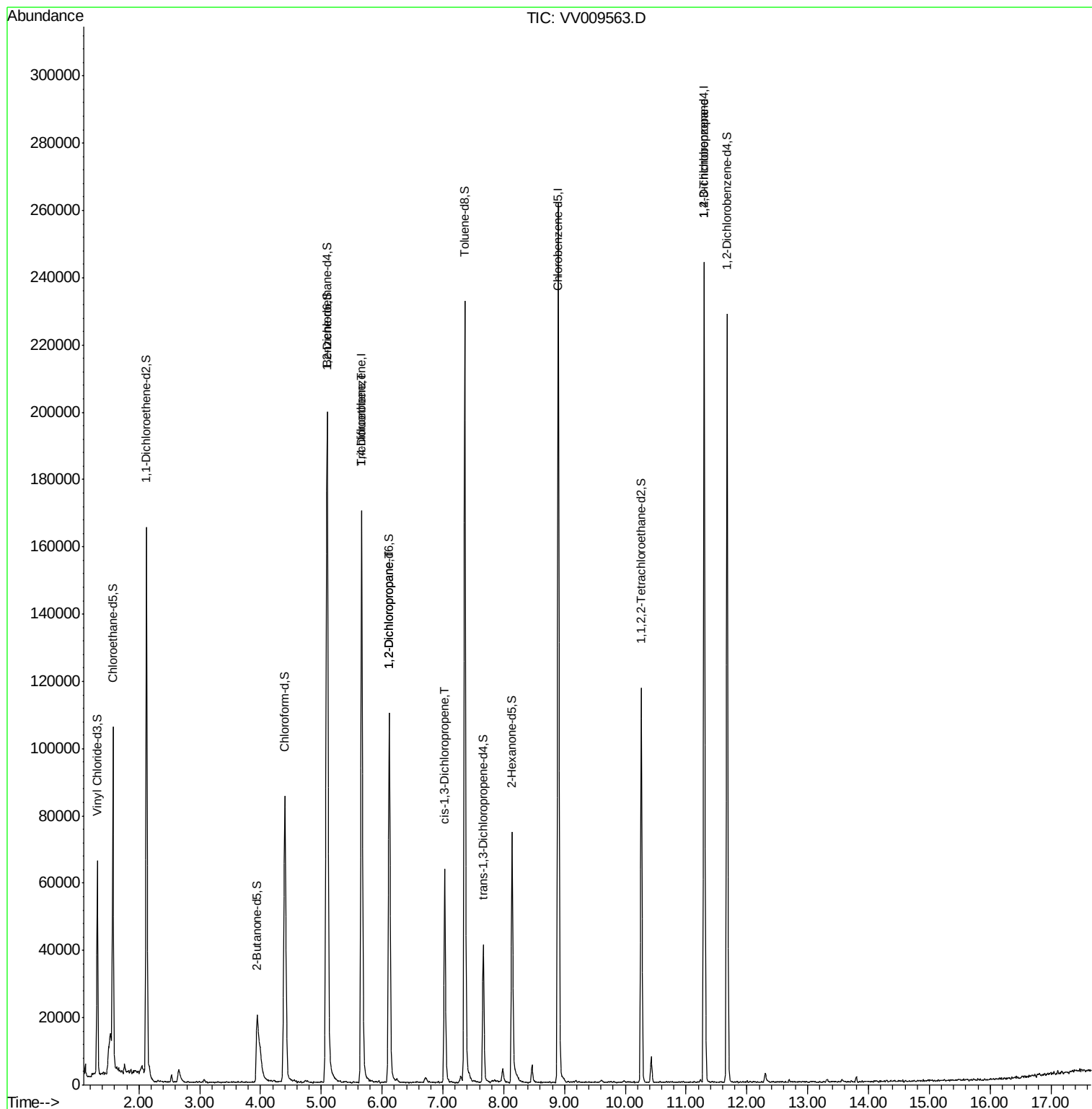
					Qvalue
35) Trichloroethene	5.66	95	4549	2.184 ug/L #	6
40) 1,2-Dichloropropane	6.12	63	6162	3.297 ug/L #	89
42) cis-1,3-Dichloropropene	7.03	75	2098	0.723 ug/L #	67
59) 1,2,3-Trichloropropane	11.30	75	8466	5.356 ug/L	89

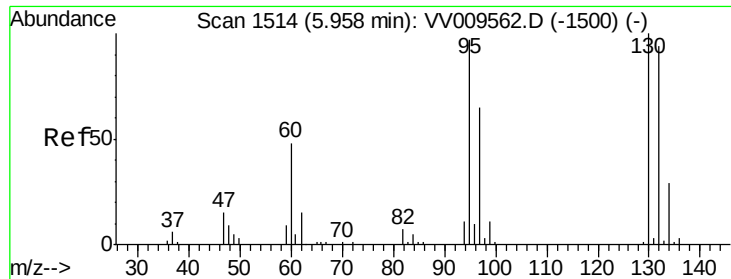
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Trichloroethene

Concen: 2.184 ug/L

RT: 5.66 min Scan# 1422

Delta R.T. -0.30 min

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Instrument :

MSVOA_V

ClientSampleId :

VBLK69

Tgt Ion: 95 Resp: 4549

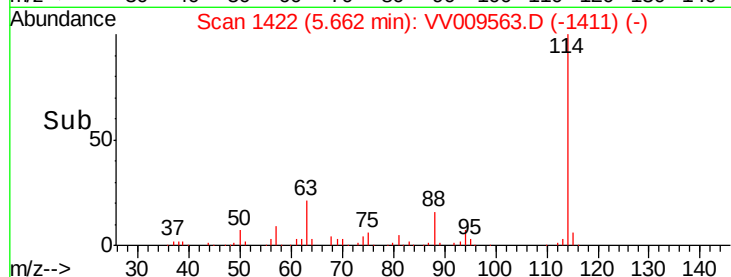
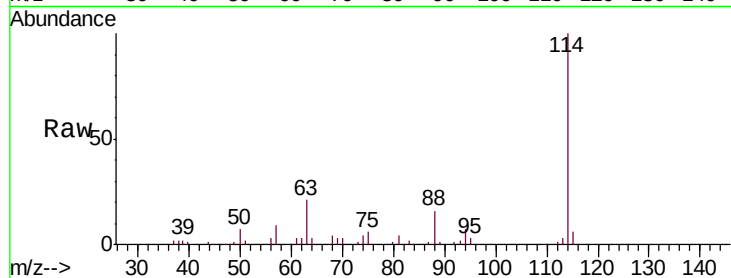
Ion Ratio Lower Upper

95 100

97 0.0 44.3 82.3#

132 0.0 64.4 119.6#

130 0.0 69.4 128.8#



Abundance Ion 95.00 (94.70 to 95.70): VV009563.D (-1411) (-)

Ion 97.00 (96.70 to 97.70): VV009563.D (-1411) (-)

Ion 132.00 (131.70 to 132.70): VV009563.D (-1411) (-)

Ion 130.00 (129.70 to 130.70): VV009563.D (-1411) (-)

Time-->

5.66

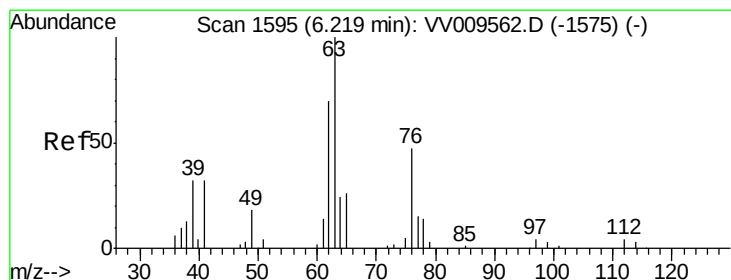
3000

2000

1000

0

5.60 5.65 5.70



#40

1,2-Dichloropropane

Concen: 3.297 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV009563.D

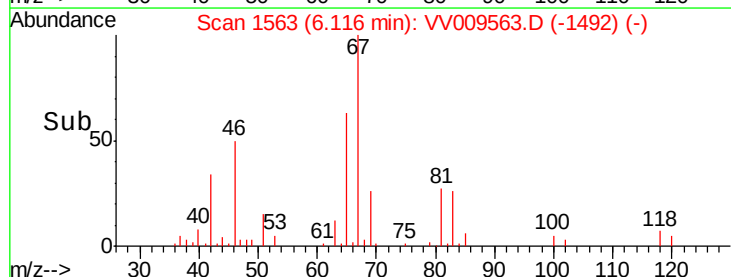
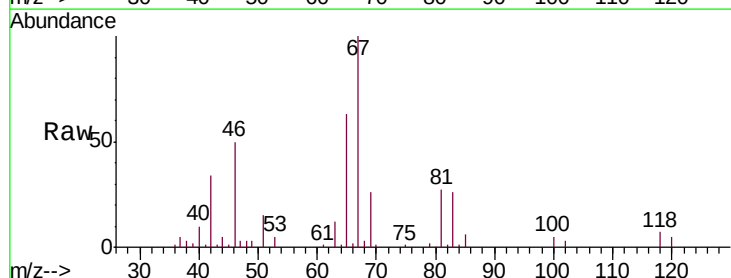
Acq: 10 Mar 2019 13:26

Tgt Ion: 63 Resp: 6162

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



Abundance Ion 63.00 (62.70 to 63.70): VV009563.D (-1492) (-)

Ion 112.00 (111.70 to 112.70): VV009563.D (-1492) (-)

Time-->

6.12

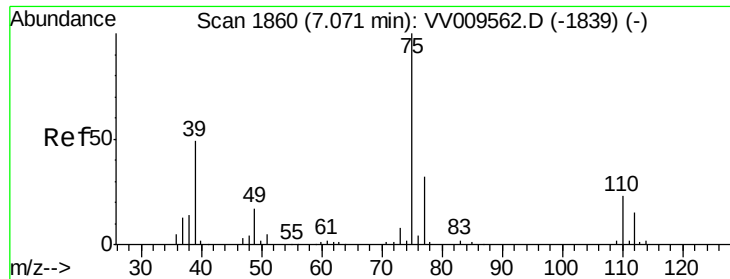
3000

2000

1000

0

6.05 6.10 6.15

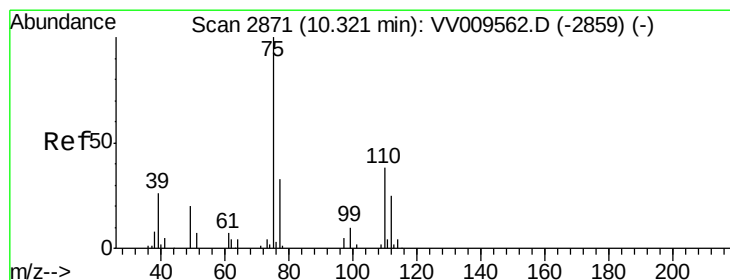
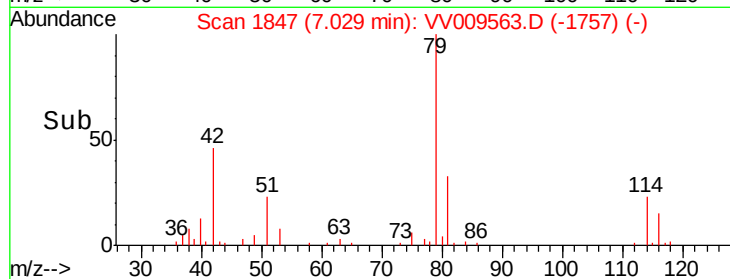
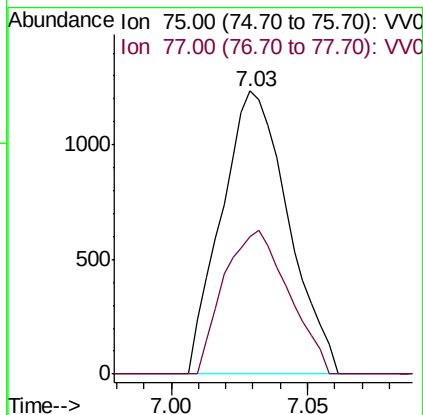
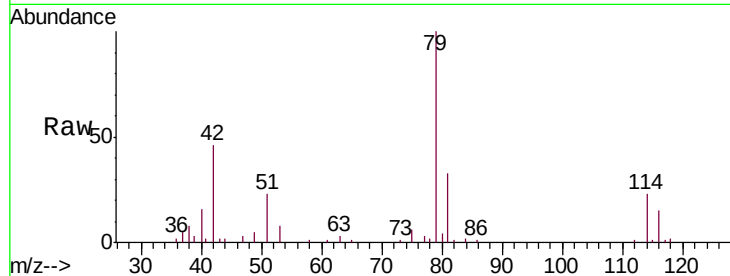


#42

cis-1,3-Dichloropropene
Concen: 0.723 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
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Instrument :
MSVOA_V
ClientSampled :
VBLK69

Tgt Ion: 75 Resp: 2098
Ion Ratio Lower Upper
75 100
77 48.8 21.4 39.8#



#59

1,2,3-Trichloropropane
Concen: 5.356 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.97 min
Lab File: VV009563.D
Acq: 10 Mar 2019 13:26

Tgt Ion: 75 Resp: 8466
Ion Ratio Lower Upper
75 100
77 38.4 25.9 38.9

