

Data File : VV010988.D
Acq On : 21 May 2019 06:46
Operator : SY/MD
Sample : VIBLK
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK

Quant Time: May 22 04:56:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis
QLast Update : Wed May 22 04:53:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	137020	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	142345	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	53130	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	28280	18.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.40%
7) Chloroethane-d5	1.55	69	20498	19.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.52%
10) 1,1-Dichloroethene-d2	2.11	63	37549	12.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.00%
20) 2-Butanone-d5	3.93	46	24080	44.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.36%
24) Chloroform-d	4.39	84	75165	21.18	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.72%
26) 1,2-Dichloroethane-d4	5.07	65	46313	22.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.56%
29) Benzene-d6	5.09	84	171194	22.03	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.12%
33) 1,2-Dichloropropane-d6	6.11	67	55434	22.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.80%
37) Toluene-d8	7.36	98	152475	21.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.44%
38) trans-1,3-Dichloropropene-	7.66	79	19425	19.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.64%
39) 2-Hexanone-d5	8.13	63	17053	37.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.06%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	52240	21.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.76%
61) 1,2-Dichlorobenzene-d4	11.67	152	53607	24.85	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.40%

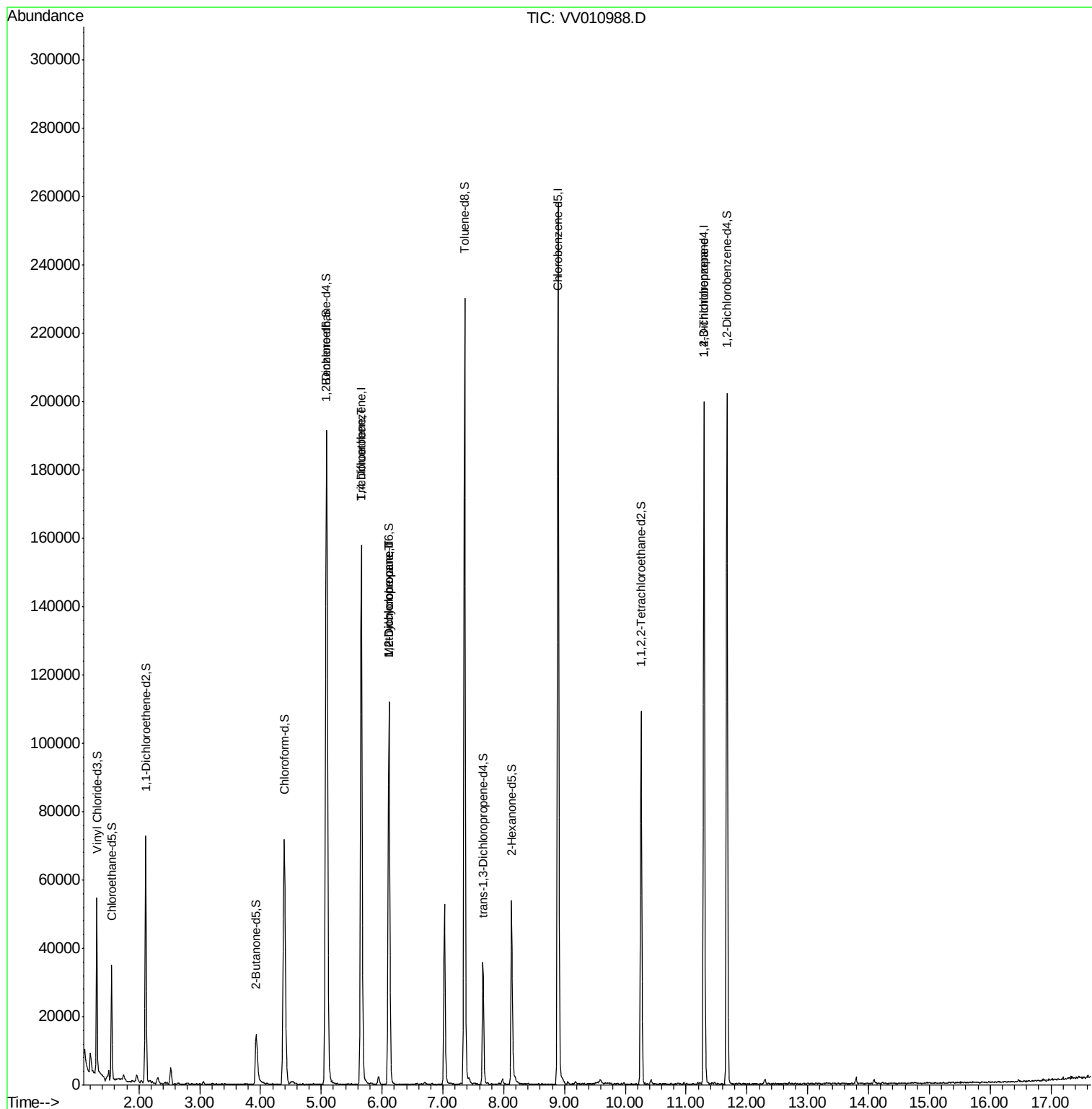
Target Compounds					Qvalue
35) Trichloroethene	5.66	95	3811	1.681 ug/L #	5
36) Methylcyclohexane	6.11	83	13180	3.932 ug/L #	21
40) 1,2-Dichloropropane	6.12	63	5980	2.773 ug/L #	86
59) 1,2,3-Trichloropropane	11.29	75	6810	3.831 ug/L	93

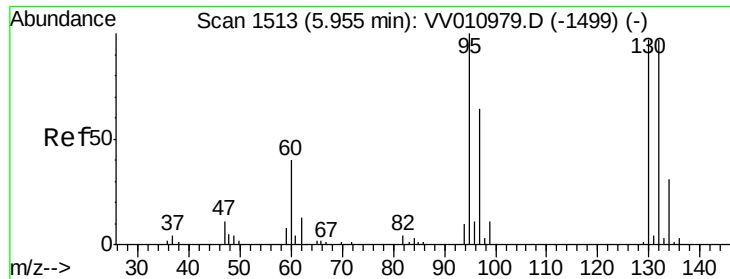
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Trichloroethene

Concen: 1.681 ug/L

RT: 5.66 min Scan# 1420

Delta R.T. -0.30 min

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ClientSampleId :

VIBLK

Tgt Ion: 95 Resp: 3811

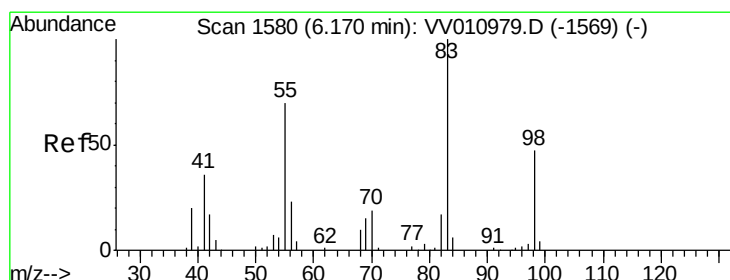
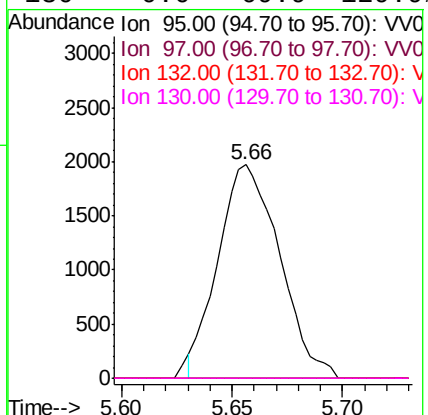
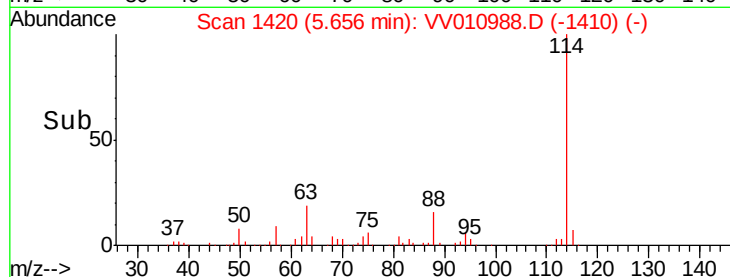
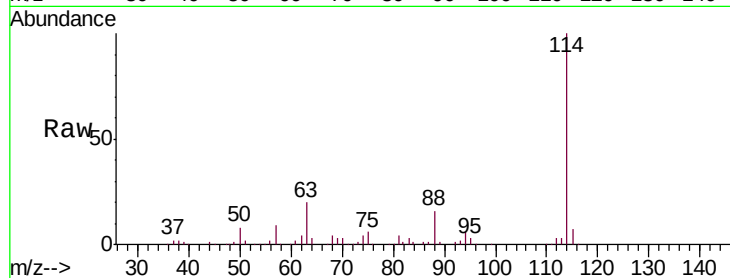
Ion Ratio Lower Upper

95 100

97 0.0 43.4 80.6#

132 0.0 68.8 127.8#

130 0.0 69.9 129.9#



#36

Methylcyclohexane

Concen: 3.932 ug/L

RT: 6.11 min Scan# 1561

Delta R.T. -0.06 min

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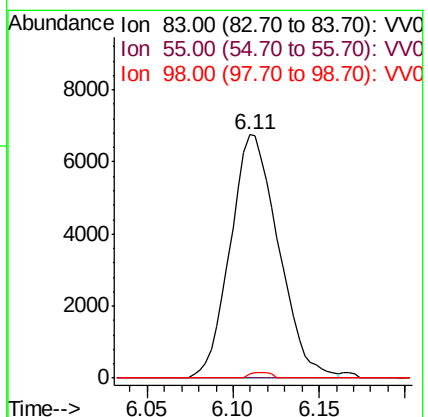
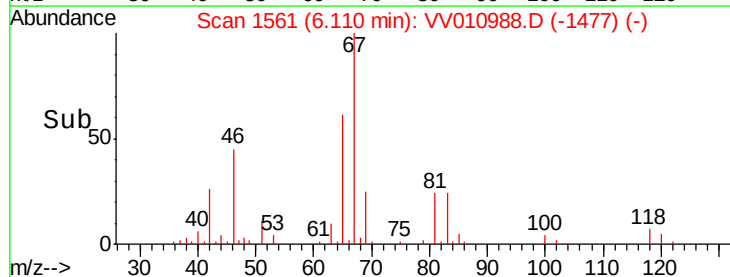
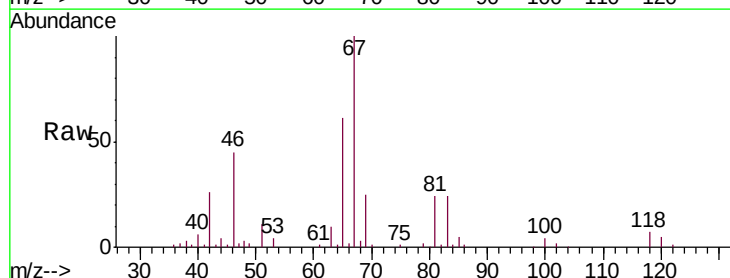
Tgt Ion: 83 Resp: 13180

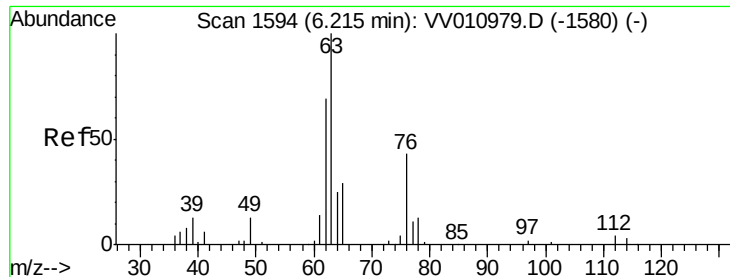
Ion Ratio Lower Upper

83 100

55 0.0 57.0 85.4#

98 1.0 36.2 54.4#





#40

1,2-Dichloropropane

Concen: 2.773 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

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Instrument :

MSVOA_V

ClientSampleId :

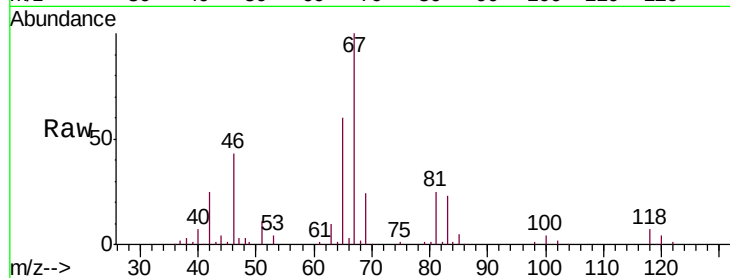
VIBLK

Tgt Ion: 63 Resp: 5980

Ion Ratio Lower Upper

63 100

112 0.0 3.6 5.4#



Abundance Ion 63.00 (62.70 to 63.70): VV010979.D (-1580) (-)

Ion 112.00 (111.70 to 112.70): VV010979.D (-1580) (-)

6.12

3000

2500

2000

1500

1000

500

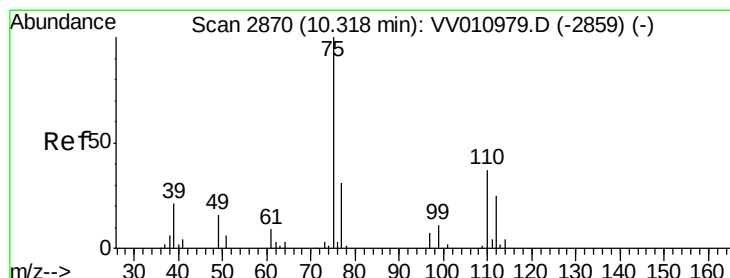
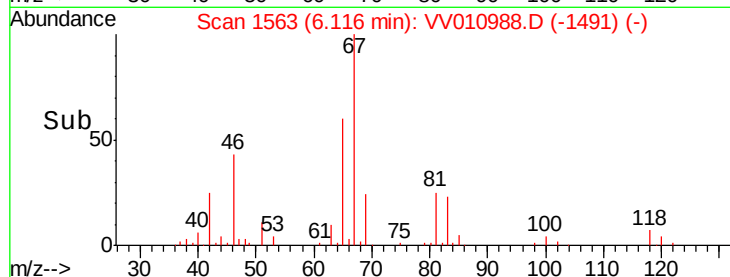
0

6.05

6.10

6.15

Time-->



#59

1,2,3-Trichloropropane

Concen: 3.831 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.97 min

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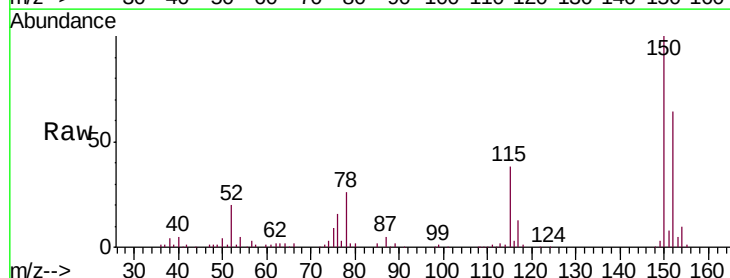
Acq: 21 May 2019 06:46

Tgt Ion: 75 Resp: 6810

Ion Ratio Lower Upper

75 100

77 35.8 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VV010979.D (-2859) (-)

Ion 77.00 (76.70 to 77.70): VV010979.D (-2859) (-)

11.29

5000

4000

3000

2000

1000

0

11.25

11.30

11.35

Time-->

