

Data File : VV009181.D
Acq On : 07 Jan 2019 13:25
Operator : SY/MD
Sample : VV0107SBL01
Misc : 5.00 G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK77

Quant Time: Jan 08 00:30:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM010419S.M
Quant Title : VOC Analysis
QLast Update : Tue Jan 08 00:28:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	251143	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	229344	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	113647	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	34768	20.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.00%
7) Chloroethane-d5	1.58	69	32607	19.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.28%
10) 1,1-Dichloroethene-d2	2.13	63	84990	14.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.20%
20) 2-Butanone-d5	3.96	46	34137	28.25	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	56.50%
24) Chloroform-d	4.40	84	114876	21.72	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.88%
26) 1,2-Dichloroethane-d4	5.08	65	61574	21.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.08%
29) Benzene-d6	5.10	84	228291	22.34	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.36%
33) 1,2-Dichloropropane-d6	6.12	67	67657	23.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.36%
37) Toluene-d8	7.36	98	209656	21.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.00%
38) trans-1,3-Dichloropropene-	7.66	79	28440	20.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.84%
39) 2-Hexanone-d5	8.14	63	21317	30.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.66%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	61959	19.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.96%
61) 1,2-Dichlorobenzene-d4	11.67	152	85690	22.31	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.24%

Target Compounds

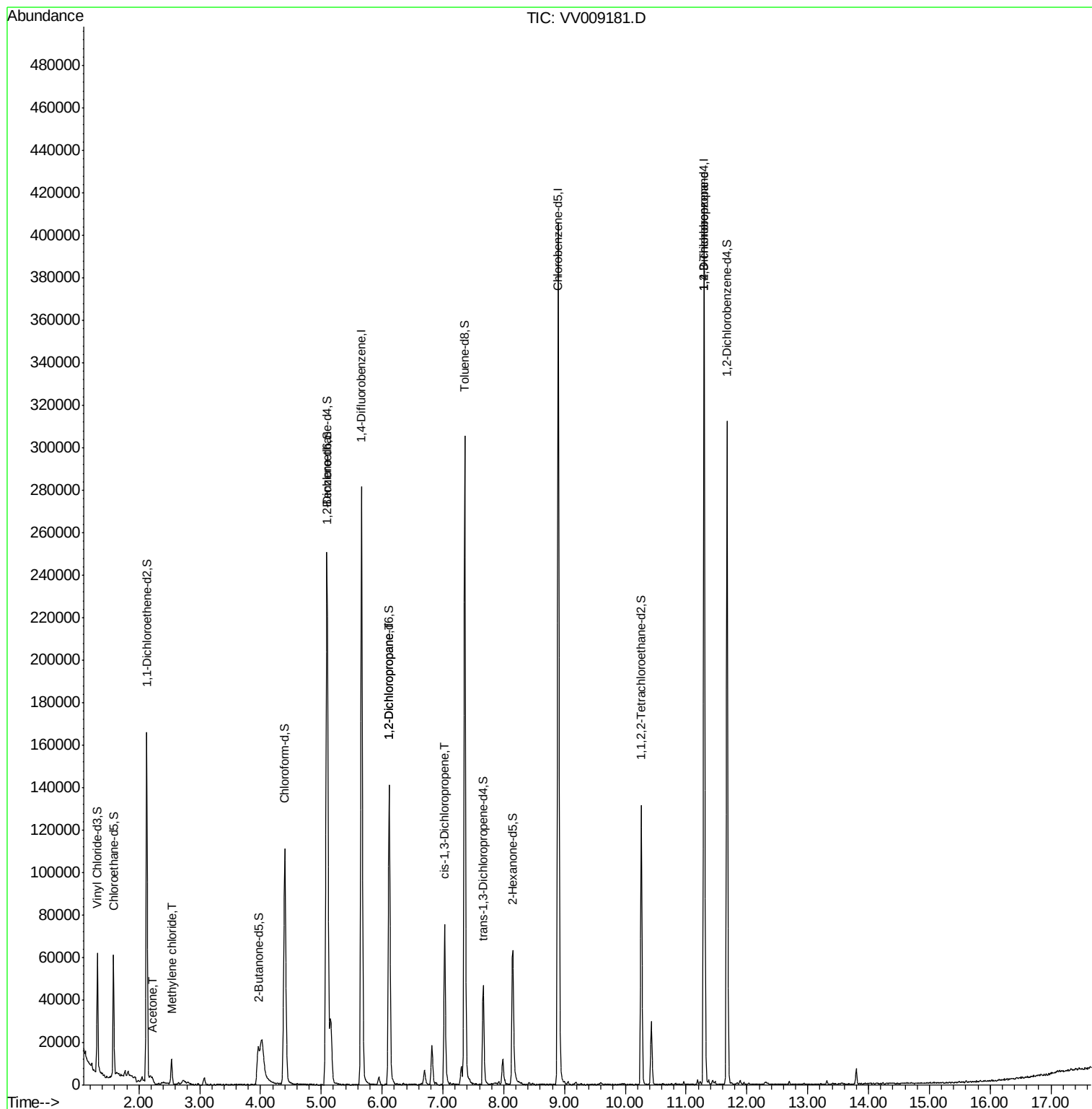
					Qvalue
13) Acetone	2.22	43	5475	3.197 ug/L	78
16) Methylene chloride	2.54	84	5066	1.350 ug/L	95
40) 1,2-Dichloropropane	6.12	63	7785	2.620 ug/L #	85
42) cis-1,3-Dichloropropene	7.03	75	2146	0.456 ug/L	85
59) 1,2,3-Trichloropropane	11.30	75	12259	4.358 ug/L	91

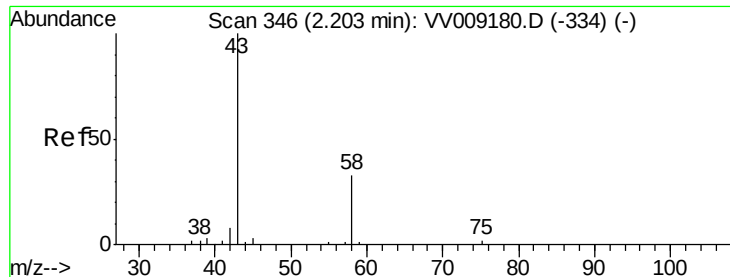
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.197 ug/L

RT: 2.22 min Scan# 351

Delta R.T. 0.02 min

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ClientSampleId :

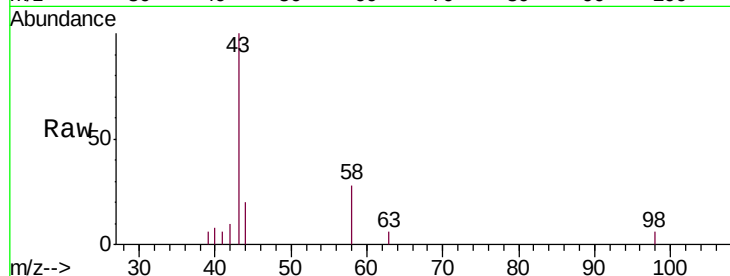
VBLK77

Tgt Ion: 43 Resp: 5475

Ion Ratio Lower Upper

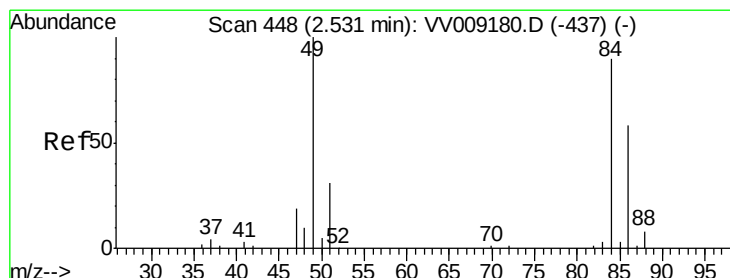
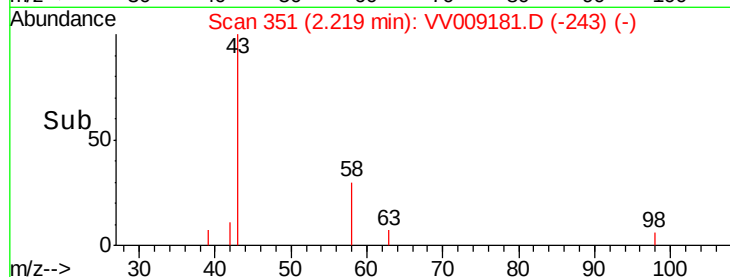
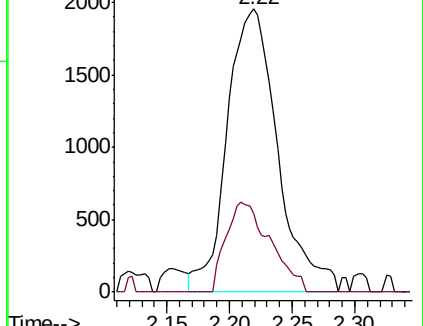
43 100

58 21.0 0.0 67.0



Abundance Ion 43.00 (42.70 to 43.70): VV009181.D (-351) (-)

Ion 58.00 (57.70 to 58.70): VV009181.D (-351) (-)



#16

Methylene chloride

Concen: 1.350 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.01 min

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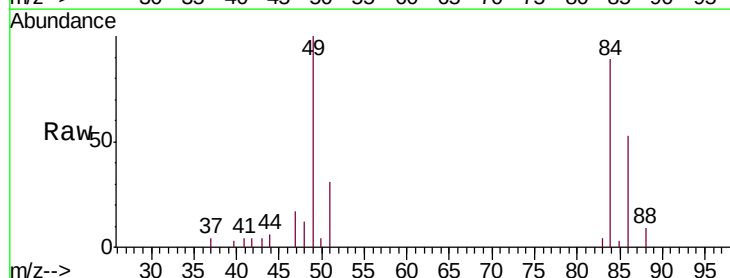
Tgt Ion: 84 Resp: 5066

Ion Ratio Lower Upper

84 100

49 112.7 77.6 144.2

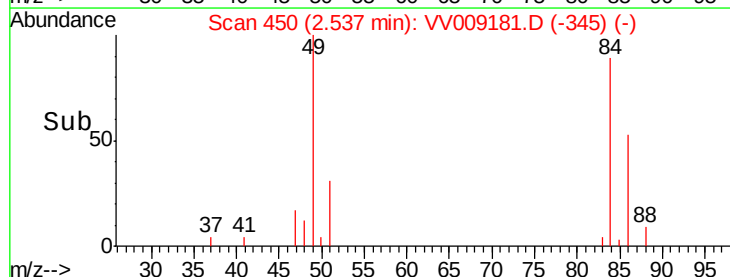
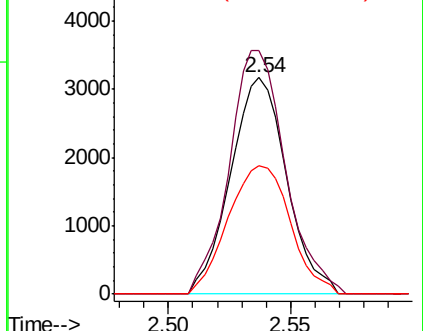
86 59.5 47.4 88.0

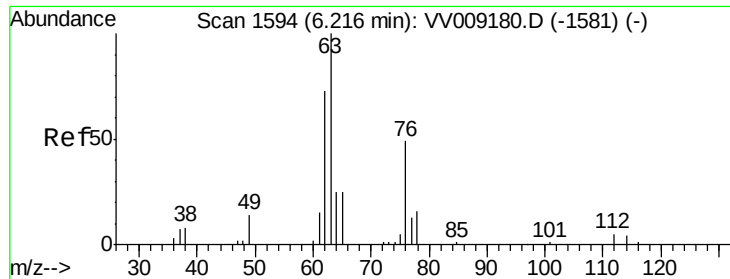


Abundance Ion 84.00 (83.70 to 84.70): VV009181.D (-450) (-)

Ion 49.00 (48.70 to 49.70): VV009181.D (-450) (-)

Ion 86.00 (85.70 to 86.70): VV009181.D (-450) (-)





#40

1,2-Dichloropropane

Concen: 2.620 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

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ClientSampleId :

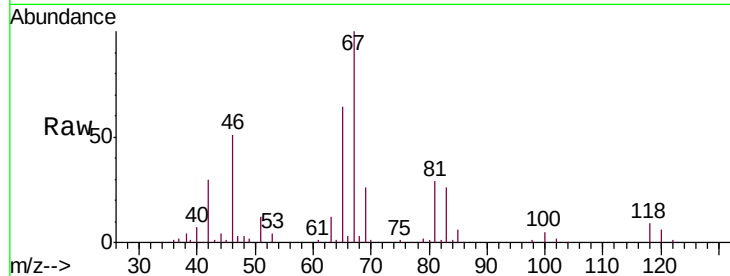
VBLK77

Tgt Ion: 63 Resp: 7785

Ion Ratio Lower Upper

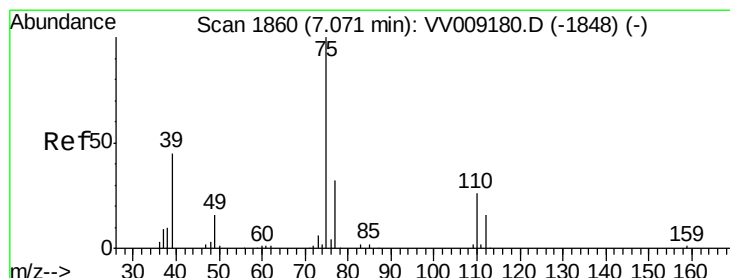
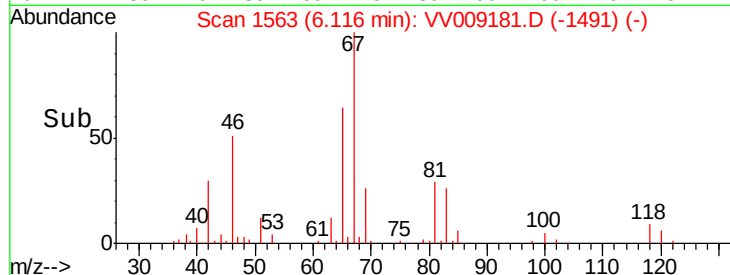
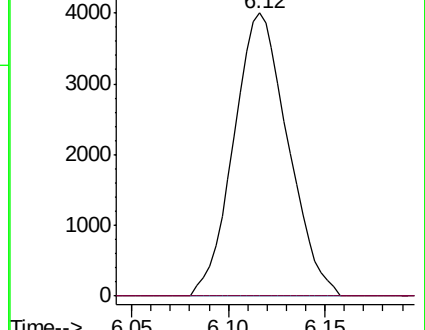
63 100

112 0.0 3.9 5.9#



Abundance Ion 63.00 (62.70 to 63.70): VV009181.D (-1491) (-)

Ion 112.00 (111.70 to 112.70): VV009181.D (-1491) (-)



#42

cis-1,3-Dichloropropene

Concen: 0.456 ug/L

RT: 7.03 min Scan# 1846

Delta R.T. -0.05 min

Lab File: VV009181.D

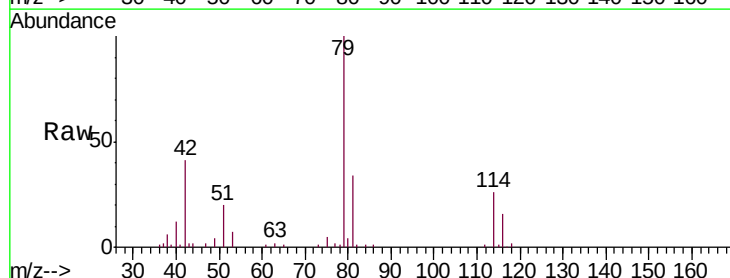
Acq: 07 Jan 2019 13:25

Tgt Ion: 75 Resp: 2146

Ion Ratio Lower Upper

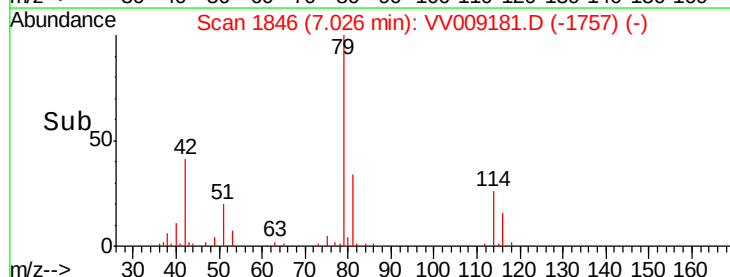
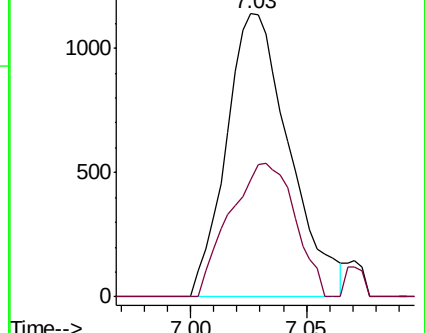
75 100

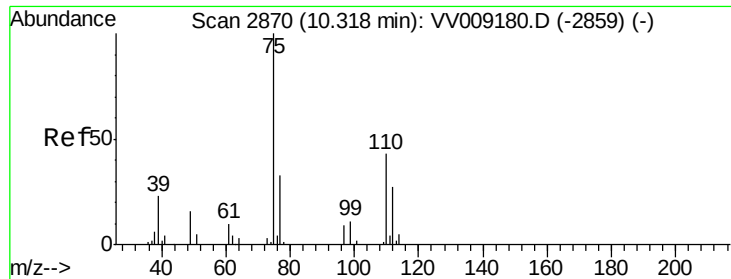
77 41.3 22.8 42.4



Abundance Ion 75.00 (74.70 to 75.70): VV009181.D (-1757) (-)

Ion 77.00 (76.70 to 77.70): VV009181.D (-1757) (-)





#59
 1,2,3-Trichloropropane
 Concen: 4.358 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.98 min
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 VBLK77

Tgt Ion: 75 Resp: 12259
 Ion Ratio Lower Upper
 75 100
 77 36.2 25.0 37.6

