

Data File : VV010066.D
Acq On : 02 Apr 2019 18:51
Operator : SY/MD
Sample : VV0402SBL01
Misc : 5.00G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK81

Quant Time: Apr 03 06:49:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 03 06:44:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	284372	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	274422	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	125592	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	95971	25.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.84%
7) Chloroethane-d5	1.58	69	132920	28.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.44%
10) 1,1-Dichloroethene-d2	2.13	63	183179	19.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.28%
20) 2-Butanone-d5	3.95	46	51237	47.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.60%
24) Chloroform-d	4.40	84	171455	23.93	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.72%
26) 1,2-Dichloroethane-d4	5.08	65	101124	25.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.92%
29) Benzene-d6	5.10	84	365220	25.66	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.64%
33) 1,2-Dichloropropane-d6	6.12	67	105859	25.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.80%
37) Toluene-d8	7.36	98	346887	25.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.20%
38) trans-1,3-Dichloropropene-	7.67	79	41024	22.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.40%
39) 2-Hexanone-d5	8.14	63	37632	44.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.36%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	95581	23.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.32%
61) 1,2-Dichlorobenzene-d4	11.67	152	126386	25.83	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.32%

Target Compounds

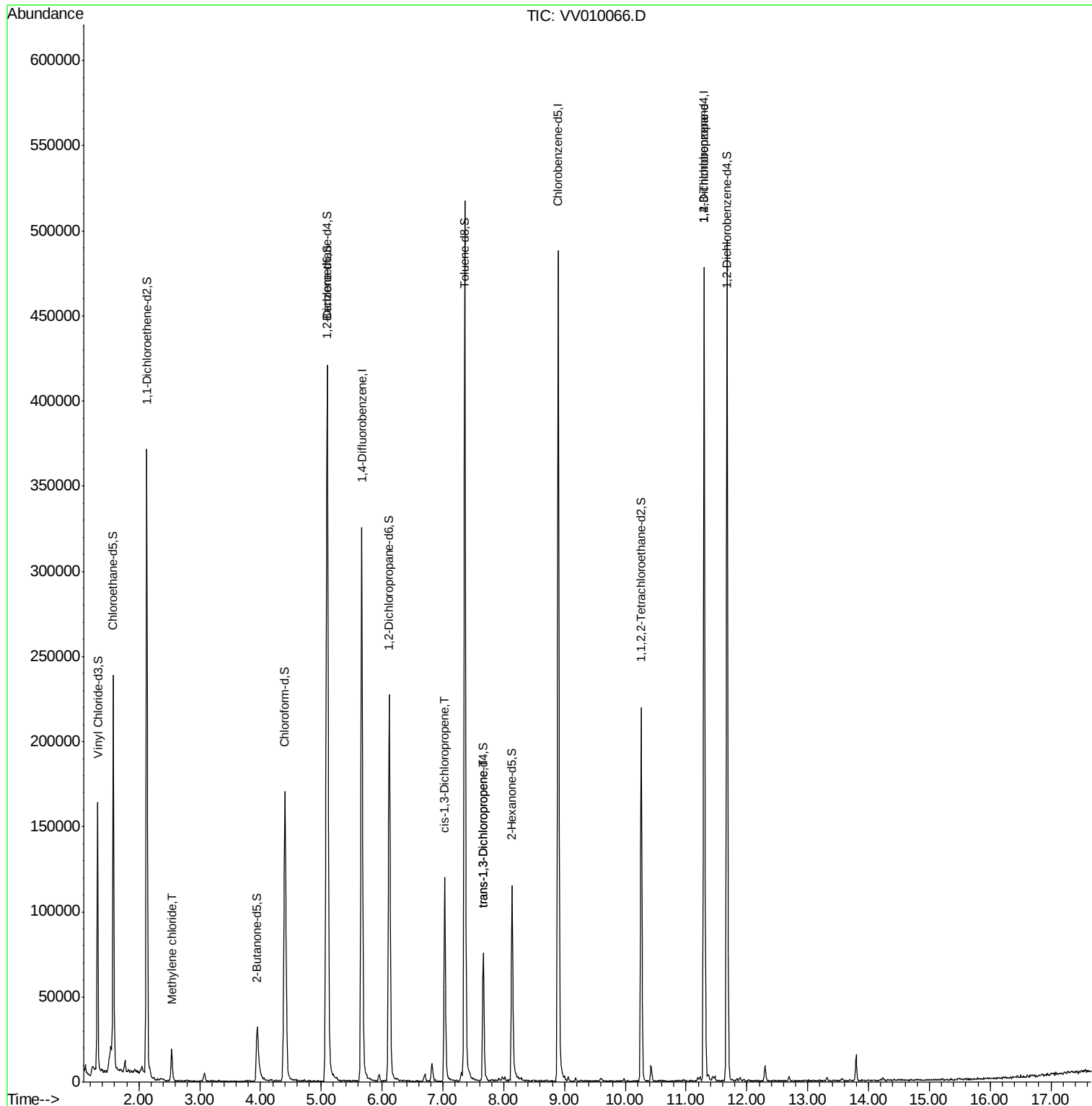
					Qvalue
16) Methylene chloride	2.54	84	7611	1.523 ug/L	93
42) cis-1,3-Dichloropropene	7.03	75	3359	0.684 ug/L	85
45) trans-1,3-Dichloropropene	7.66	75	2215	0.531 ug/L	83
59) 1,2,3-Trichloropropane	11.30	75	15854	5.726 ug/L	89

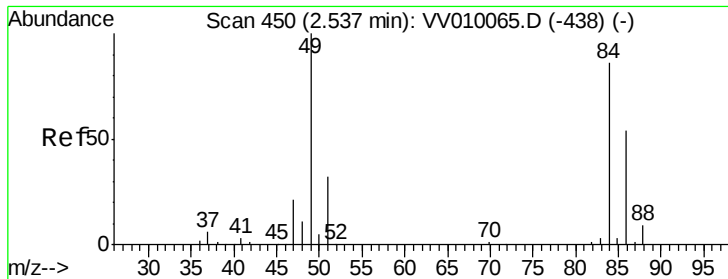
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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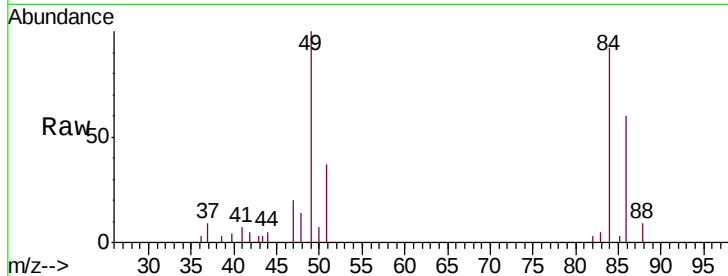




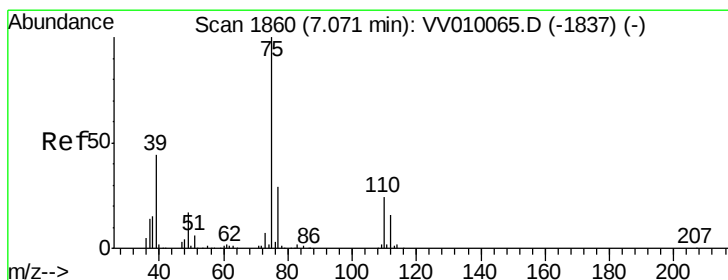
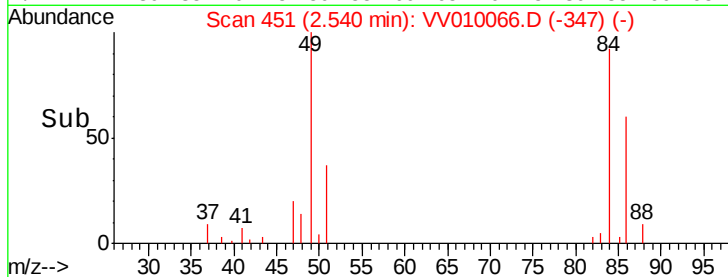
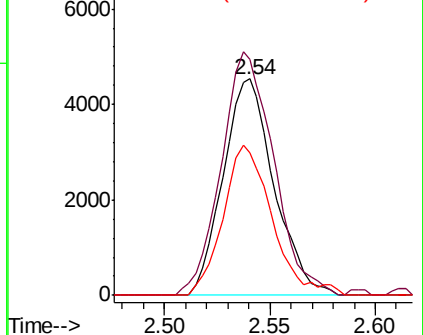
#16
Methylene chloride
Concen: 1.523 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.00 min
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Instrument :
MSVOA_V
ClientSampled :
VBLK81

Tgt Ion: 84 Resp: 7611
Ion Ratio Lower Upper
84 100
49 109.0 84.3 156.5
86 65.9 45.4 84.2

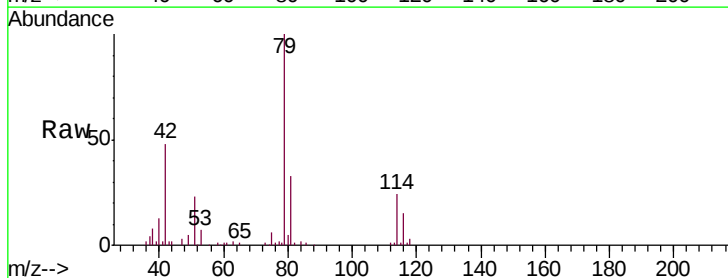


Abundance Ion 84.00 (83.70 to 84.70): VV0
Ion 49.00 (48.70 to 49.70): VV0
Ion 86.00 (85.70 to 86.70): VV0

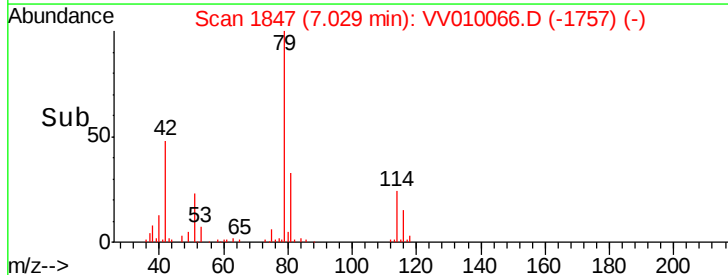
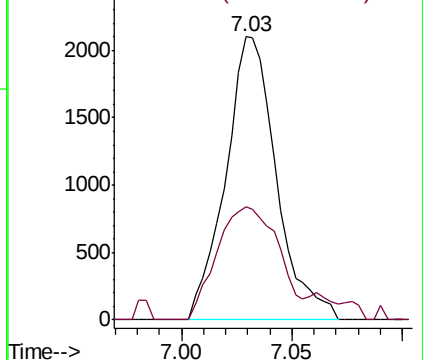


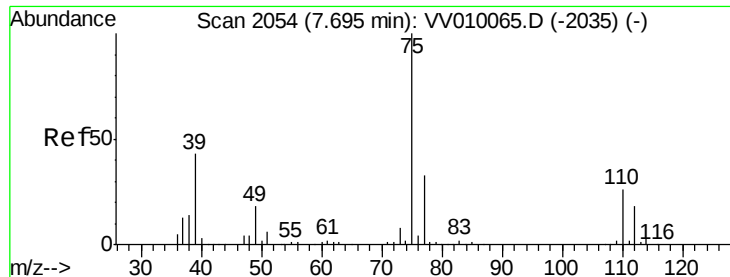
#42
cis-1,3-Dichloropropene
Concen: 0.684 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV010066.D
Acq: 02 Apr 2019 18:51

Tgt Ion: 75 Resp: 3359
Ion Ratio Lower Upper
75 100
77 39.9 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VV0
Ion 77.00 (76.70 to 77.70): VV0





#45

trans-1,3-Dichloropropene

Concen: 0.531 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

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Instrument :

MSVOA_V

ClientSampled :

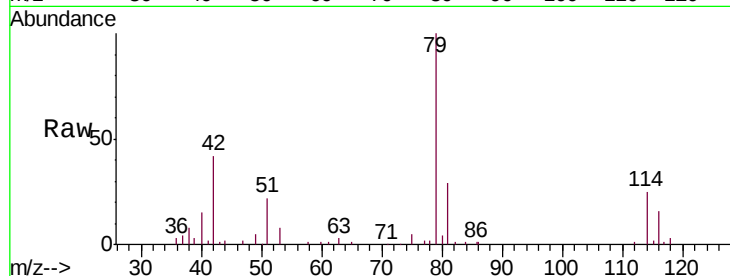
VBLK81

Tgt Ion: 75 Resp: 2215

Ion Ratio Lower Upper

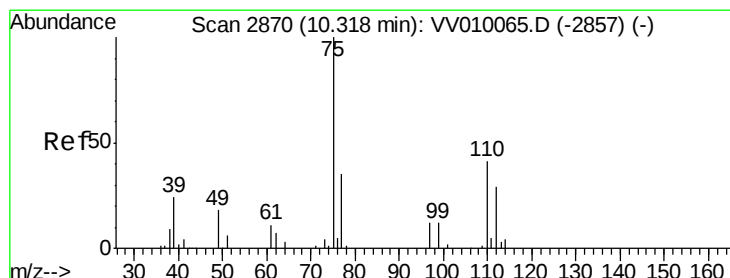
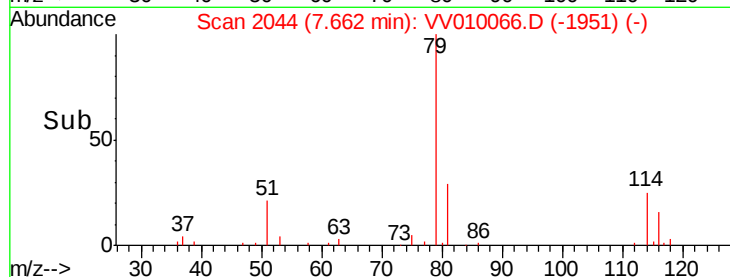
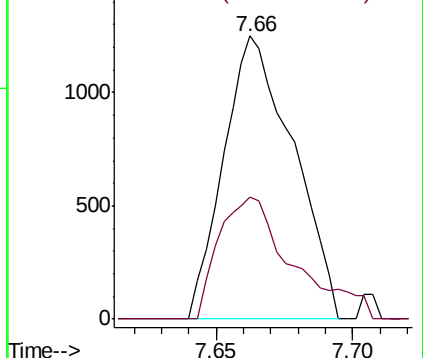
75 100

77 43.0 23.5 43.7



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#59

1,2,3-Trichloropropane

Concen: 5.726 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

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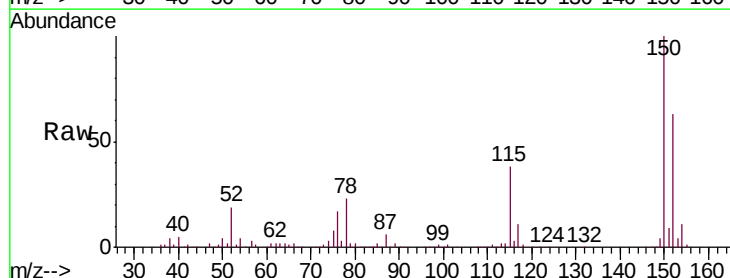
Acq: 02 Apr 2019 18:51

Tgt Ion: 75 Resp: 15854

Ion Ratio Lower Upper

75 100

77 38.6 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

