

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121918\
 Data File : VV009049.D
 Acq On : 19 Dec 2018 14:27
 Operator : SY/MD
 Sample : VIBLK63
 Misc : 5.00G/10ML/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK63

Quant Time: Dec 20 02:47:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 20 01:58:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	253782	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	222834	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	90651	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	55198	21.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.08%
7) Chloroethane-d5	1.58	69	55779	28.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	115.00%
10) 1,1-Dichloroethene-d2	2.13	63	152291	23.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.76%
20) 2-Butanone-d5	3.94	46	41625	43.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.06%
24) Chloroform-d	4.40	84	135183	22.16	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.64%
26) 1,2-Dichloroethane-d4	5.08	65	79859	23.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.96%
29) Benzene-d6	5.10	84	274898	22.09	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.36%
33) 1,2-Dichloropropane-d6	6.12	67	81191	23.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.20%
37) Toluene-d8	7.36	98	250817	21.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.12%
38) trans-1,3-Dichloropropene-	7.67	79	34567	22.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.32%
39) 2-Hexanone-d5	8.14	63	22983	36.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.02%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	57306	19.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.44%
61) 1,2-Dichlorobenzene-d4	11.68	152	75511	22.20	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.80%

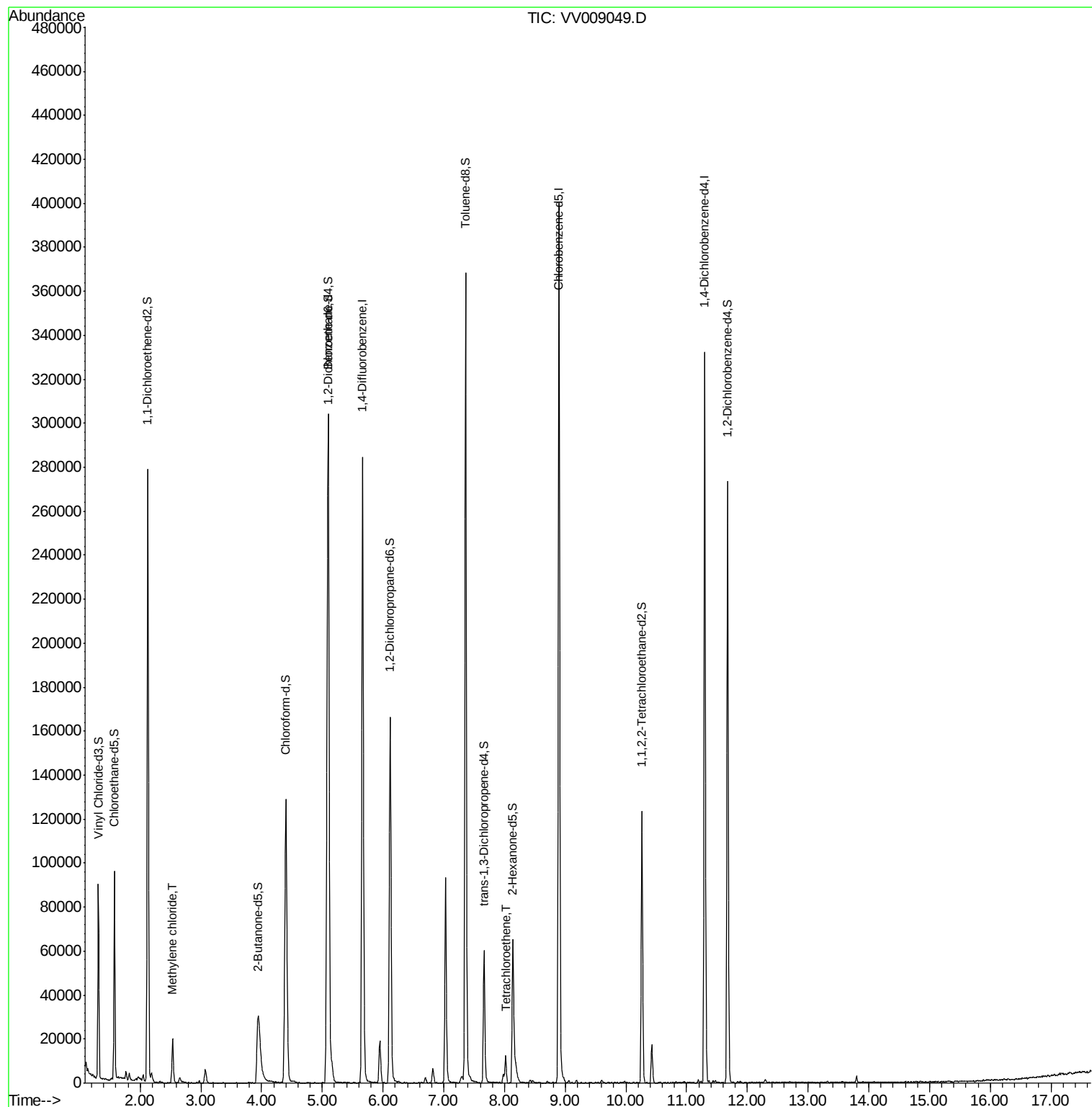
Target Compounds					Qvalue
16) Methylene chloride	2.53	84	8508	1.991 ug/L	99
47) Tetrachloroethene	8.02	164	2802	0.856 ug/L	86

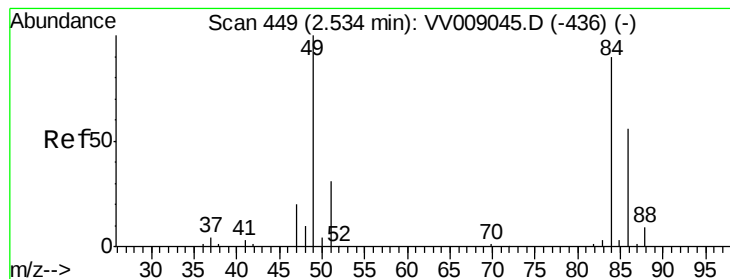
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 20 01:58:47 2018
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#16

Methylene chloride

Concen: 1.991 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

Lab File: VV009049.D

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MSVOA_V

ClientSampleId :

VIBLK63

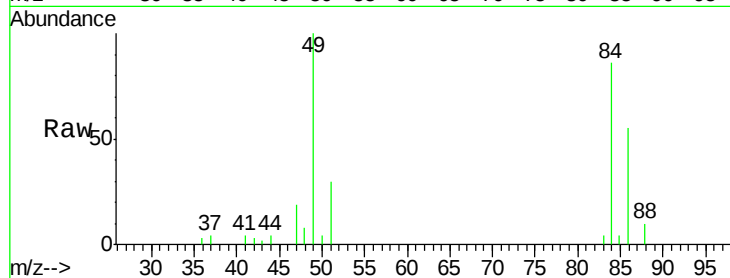
Tgt Ion: 84 Resp: 8508

Ion Ratio Lower Upper

84 100

49 116.1 80.5 149.5

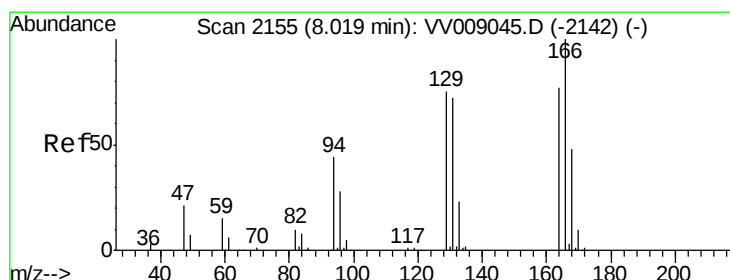
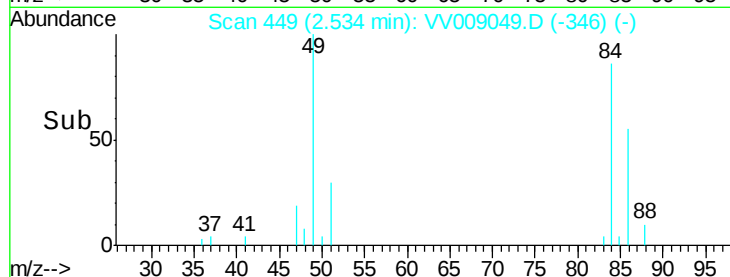
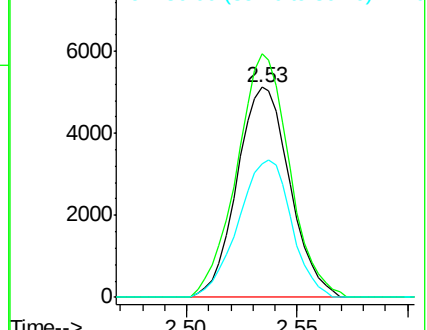
86 63.9 45.5 84.5



Abundance Ion 84.00 (83.70 to 84.70): VV009049.D (-2052) (-)

Ion 49.00 (48.70 to 49.70): VV009049.D (-2052) (-)

Ion 86.00 (85.70 to 86.70): VV009049.D (-2052) (-)



#47

Tetrachloroethene

Concen: 0.856 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.00 min

Lab File: VV009049.D

Acq: 19 Dec 2018 14:27

Tgt Ion: 164 Resp: 2802

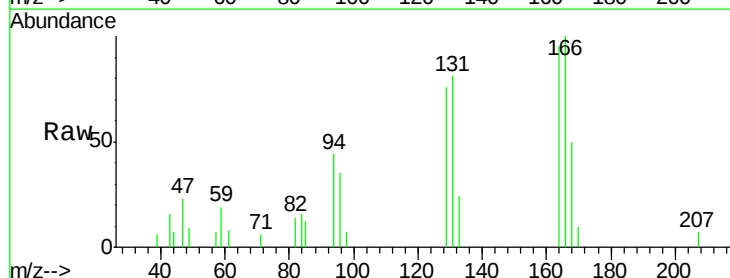
Ion Ratio Lower Upper

164 100

129 79.9 64.6 120.0

131 85.4 64.5 119.7

166 105.2 88.7 164.7



Abundance Ion 164.00 (163.70 to 164.70): VV009049.D (-2052) (-)

Ion 129.00 (128.70 to 129.70): VV009049.D (-2052) (-)

Ion 131.00 (130.70 to 131.70): VV009049.D (-2052) (-)

Ion 166.00 (165.70 to 166.70): VV009049.D (-2052) (-)

