

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031419\
 Data File : VV009664.D
 Acq On : 14 Mar 2019 14:34
 Operator : SY/MD
 Sample : K1838-19
 Misc : 5.72G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF181

Quant Time: Mar 15 04:56:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM031319S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 15 04:30:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	142867	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	138701	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	59354	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	20111	11.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	44.04%
7) Chloroethane-d5	1.57	69	25287	11.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	44.88%
10) 1,1-Dichloroethene-d2	2.13	63	45759	9.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	37.08%#
20) 2-Butanone-d5	3.93	46	19062	39.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.68%
24) Chloroform-d	4.40	84	54979	15.09	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	60.36%
26) 1,2-Dichloroethane-d4	5.08	65	36785	17.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	71.40%
29) Benzene-d6	5.10	84	113577	15.61	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	62.44%
33) 1,2-Dichloropropane-d6	6.12	67	37575	17.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	70.68%
37) Toluene-d8	7.36	98	101787	14.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	57.84%
38) trans-1,3-Dichloropropene-	7.66	79	14822	15.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	60.68%
39) 2-Hexanone-d5	8.13	63	14316	36.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.14%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	37877	18.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	75.28%
61) 1,2-Dichlorobenzene-d4	11.68	152	41101	17.88	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	71.52%#

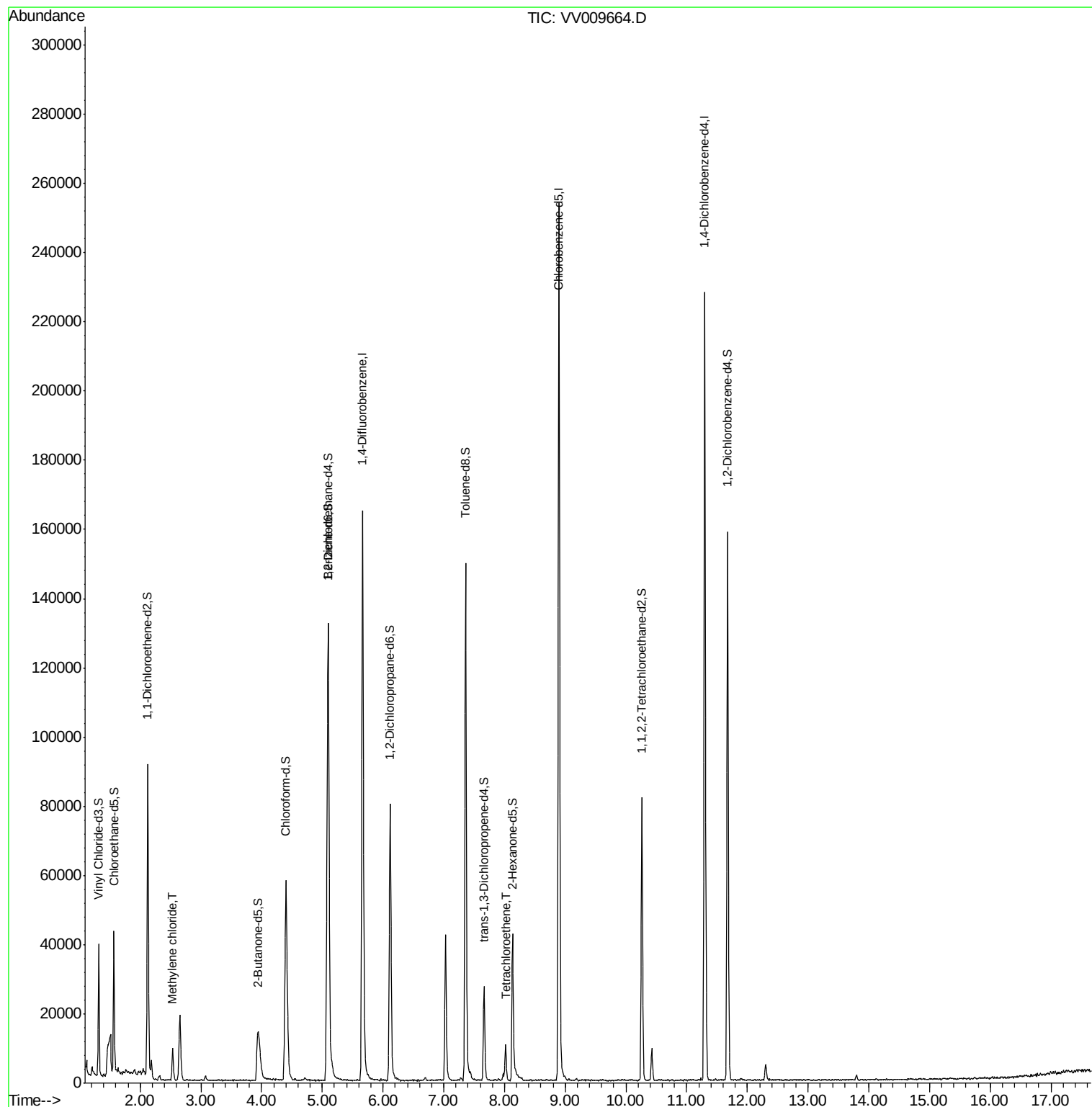
Target Compounds					Ovalue
16) Methylene chloride	2.53	84	3822	1.838 ug/L	94
47) Tetrachloroethene	8.02	164	2234	1.295 ug/L	96

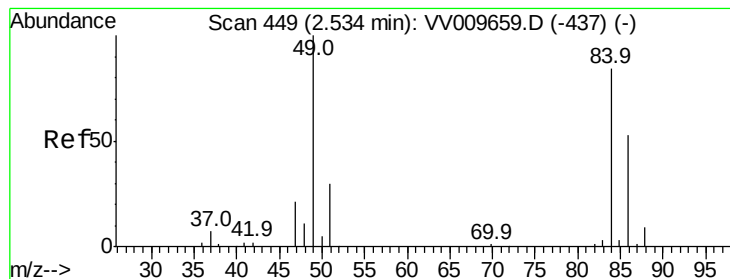
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methvlene chloride

Concen: 1.838 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

Lab File: VV009664.D

Acq: 14 Mar 2019 14:34

Instrument :

MSVOA_V

ClientSampled :

BF181

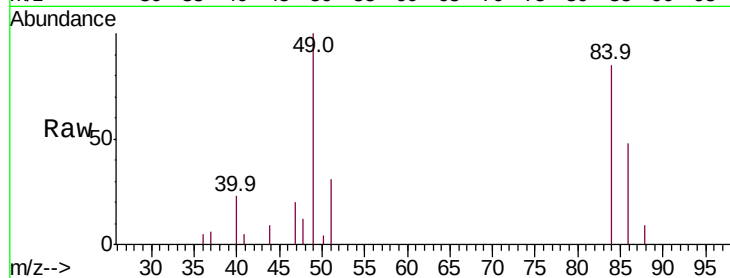
Tot Ion: 84 Resp: 3822

Ion Ratio Lower Upper

84 100

49 117.7 86.1 159.9

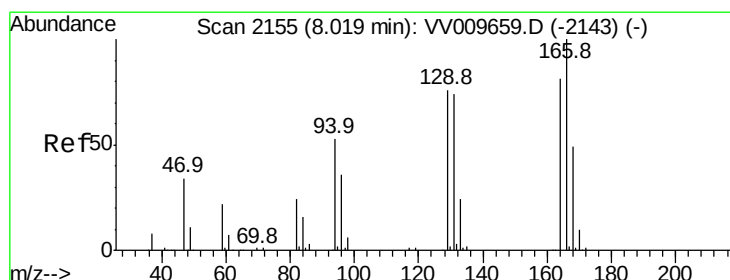
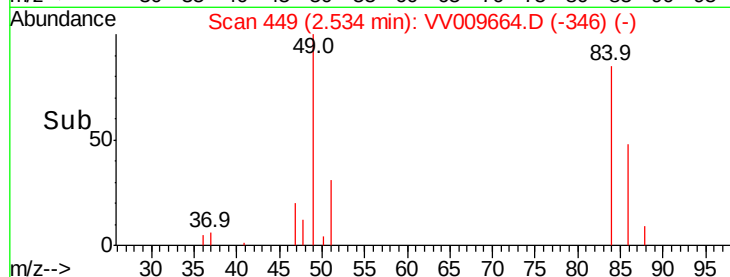
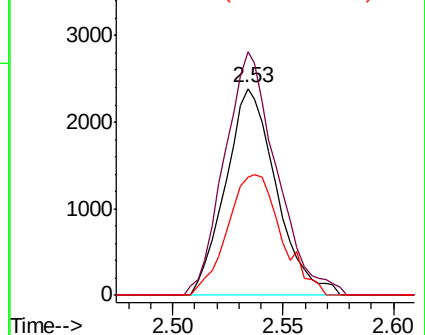
86 56.9 45.2 84.0



Abundance Ion 84.00 (83.70 to 84.70): VV009664.D (-2052) (-)

Ion 49.00 (48.70 to 49.70): VV009664.D (-2052) (-)

Ion 86.00 (85.70 to 86.70): VV009664.D (-2052) (-)



#47

Tetrachloroethene

Concen: 1.295 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.00 min

Lab File: VV009664.D

Acq: 14 Mar 2019 14:34

Tgt Ion:164 Resp: 2234

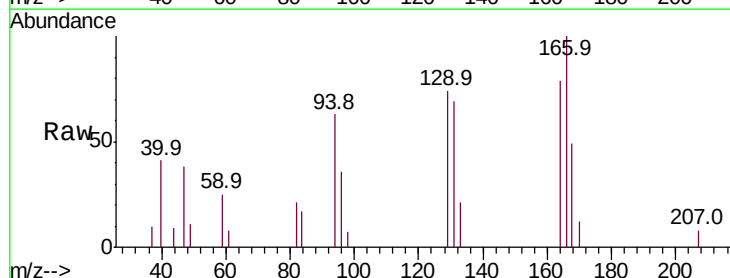
Ion Ratio Lower Upper

164 100

129 93.8 69.0 128.1

131 87.6 65.7 122.1

166 126.3 89.4 166.0



Abundance Ion 164.00 (163.70 to 164.70): VV009664.D (-2052) (-)

Ion 129.00 (128.70 to 129.70): VV009664.D (-2052) (-)

Ion 131.00 (130.70 to 131.70): VV009664.D (-2052) (-)

Ion 166.00 (165.70 to 166.70): VV009664.D (-2052) (-)

