

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV030719\
 Data File : VV009538.D
 Acq On : 07 Mar 2019 19:12
 Operator : SY/MD
 Sample : K1789-10
 Misc : 5.83G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF0P6

Quant Time: Mar 08 05:04:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 08 03:01:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	155338	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	146040	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	64682	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	37637	20.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.52%
7) Chloroethane-d5	1.57	69	45144	16.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.76%
10) 1,1-Dichloroethene-d2	2.13	63	88713	18.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.92%
20) 2-Butanone-d5	3.94	46	28100	44.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.20%
24) Chloroform-d	4.40	84	98336	26.57	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.28%
26) 1,2-Dichloroethane-d4	5.08	65	58251	27.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.68%
29) Benzene-d6	5.10	84	197299	27.28	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.12%
33) 1,2-Dichloropropane-d6	6.12	67	60606	28.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.56%
37) Toluene-d8	7.36	98	184285	26.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.52%
38) trans-1,3-Dichloropropene-	7.66	79	24521	23.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.84%
39) 2-Hexanone-d5	8.14	63	24041	48.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.52%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	55599	24.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.76%
61) 1,2-Dichlorobenzene-d4	11.67	152	64880	27.48	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.92%

Target Compounds

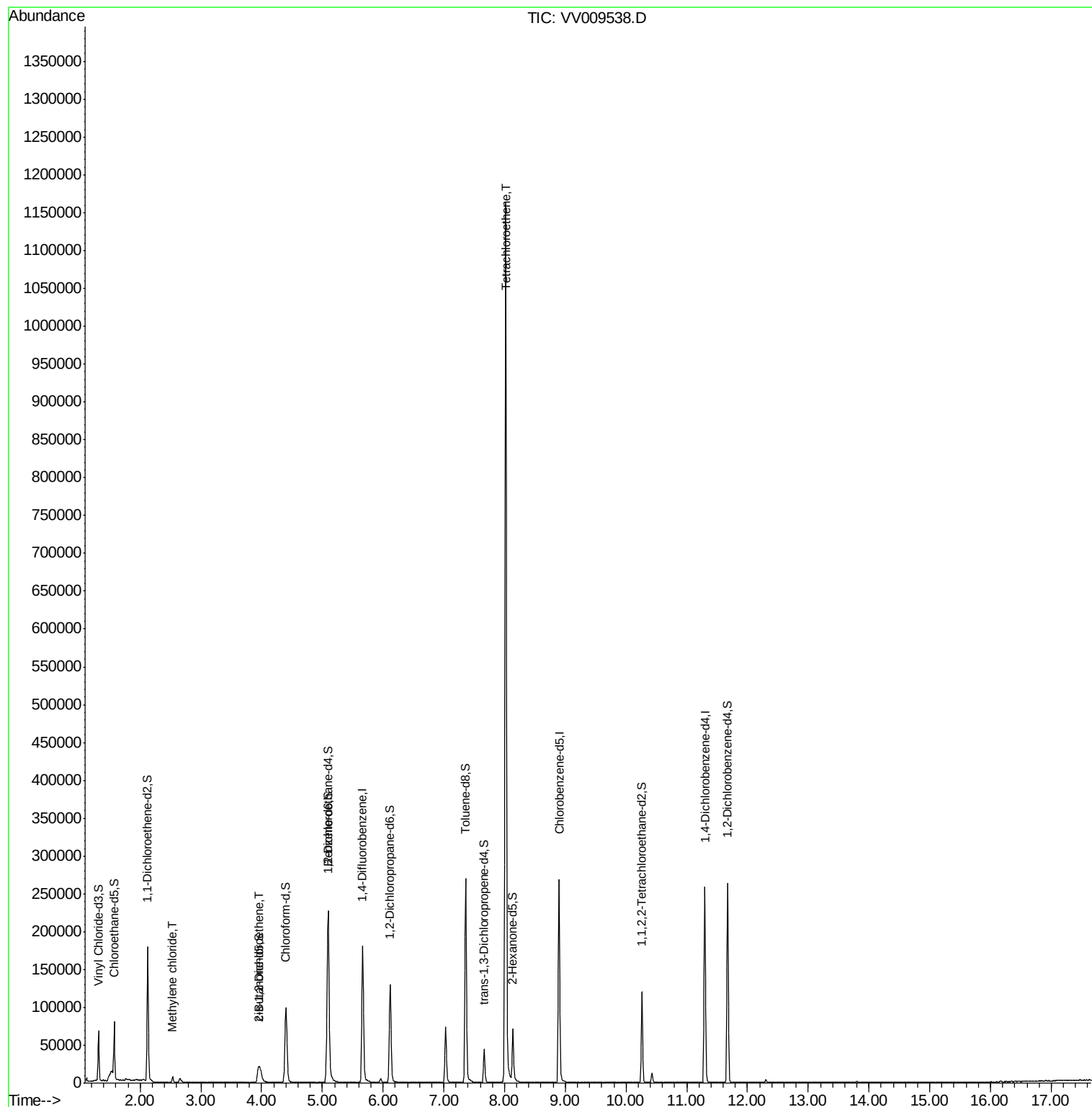
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	2.54	84	3107	1.524	ug/L	92
22) cis-1,2-Dichloroethene	3.96	96	2785	1.330	ug/L	90
47) Tetrachloroethene	8.02	164	236584	143.831	ug/L	96

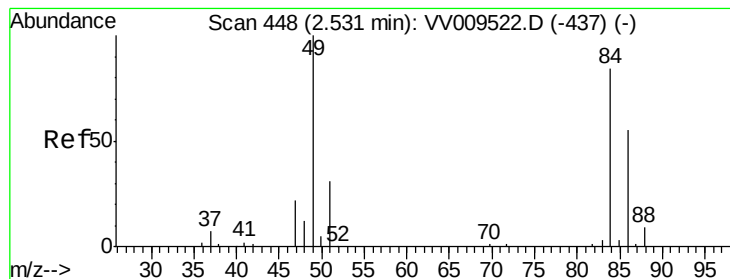
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 1.524 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.01 min

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ClientSampleId :

BF0P6

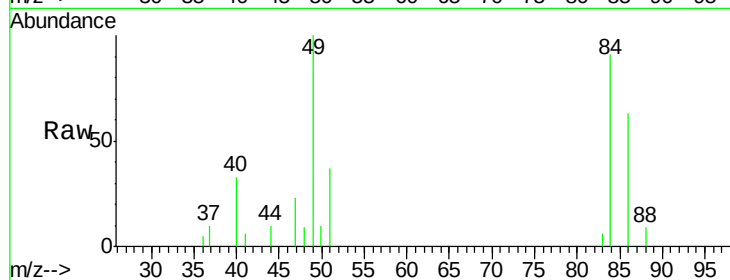
Tot Ion: 84 Resp: 3107

Ion Ratio Lower Upper

84 100

49 109.7 84.6 157.0

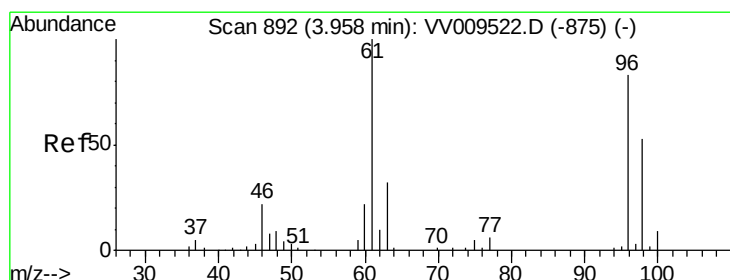
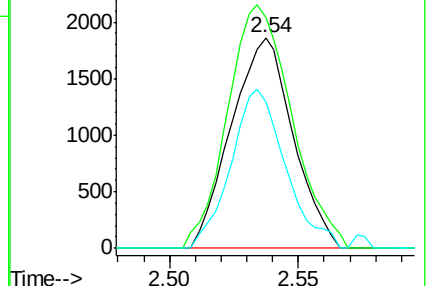
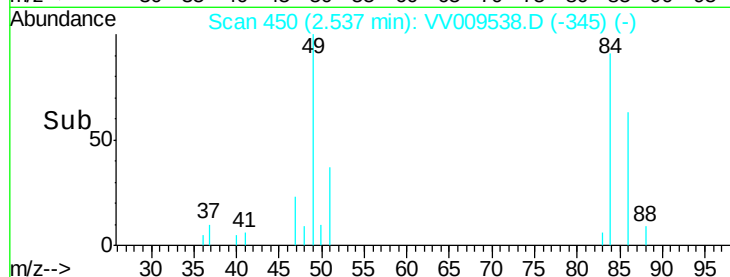
86 69.1 46.1 85.7



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



#22

cis-1,2-Dichloroethene

Concen: 1.330 ug/L

RT: 3.96 min Scan# 893

Delta R.T. 0.00 min

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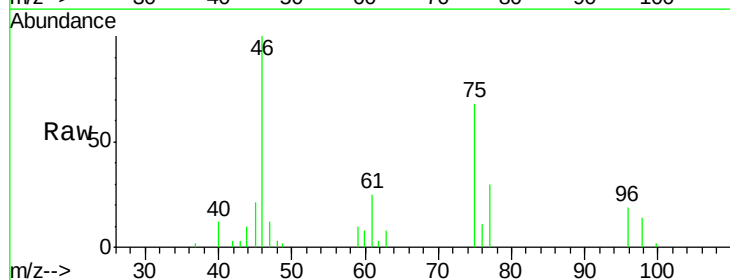
Tgt Ion: 96 Resp: 2785

Ion Ratio Lower Upper

96 100

61 131.3 87.2 161.9

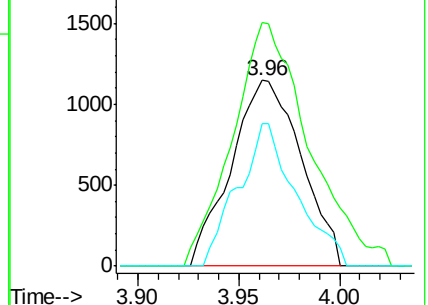
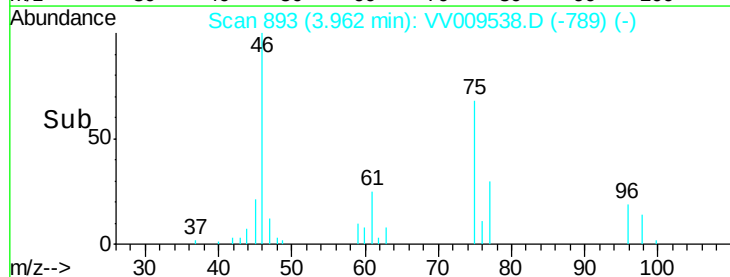
98 76.9 44.6 82.8

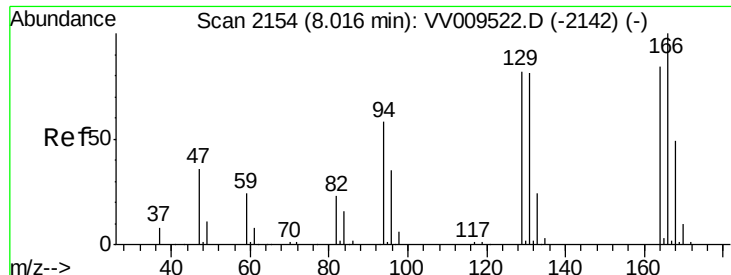


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 98.00 (97.70 to 98.70): VV0





#47

Tetrachloroethene

Concen: 143.831 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV009538.D

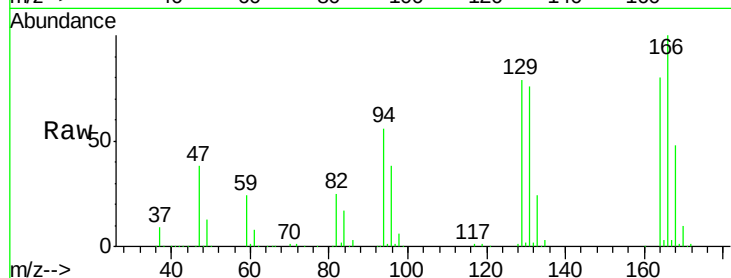
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ClientSampleId :

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Tot Ion:164 Resp: 236584

Ion Ratio Lower Upper

164 100

129 98.8 67.7 125.7

131 95.1 67.5 125.3

166 124.9 81.6 151.6

Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

