

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV033019\
 Data File : VV010019.D
 Acq On : 30 Mar 2019 14:58
 Operator : SY/MD
 Sample : K2166-02
 Misc : 6.31G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF104

Quant Time: Mar 31 21:14:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 30 23:31:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	120474	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	131194	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	57876	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	34869	14.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.04%
7) Chloroethane-d5	1.56	69	48769	18.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.88%
10) 1,1-Dichloroethene-d2	2.12	63	87460	13.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.32%
20) 2-Butanone-d5	3.94	46	27134	59.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.12%
24) Chloroform-d	4.40	84	60657	19.76	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.04%
26) 1,2-Dichloroethane-d4	5.08	65	55180	29.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	119.48%
29) Benzene-d6	5.10	84	146058	21.20	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.80%
33) 1,2-Dichloropropane-d6	6.12	67	52198	25.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.60%
37) Toluene-d8	7.36	98	127843	19.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.40%
38) trans-1,3-Dichloropropene-	7.66	79	17033	20.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.64%
39) 2-Hexanone-d5	8.13	63	21016	55.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.72%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	51269	25.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.76%
61) 1,2-Dichlorobenzene-d4	11.68	152	51702	23.46	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.84%

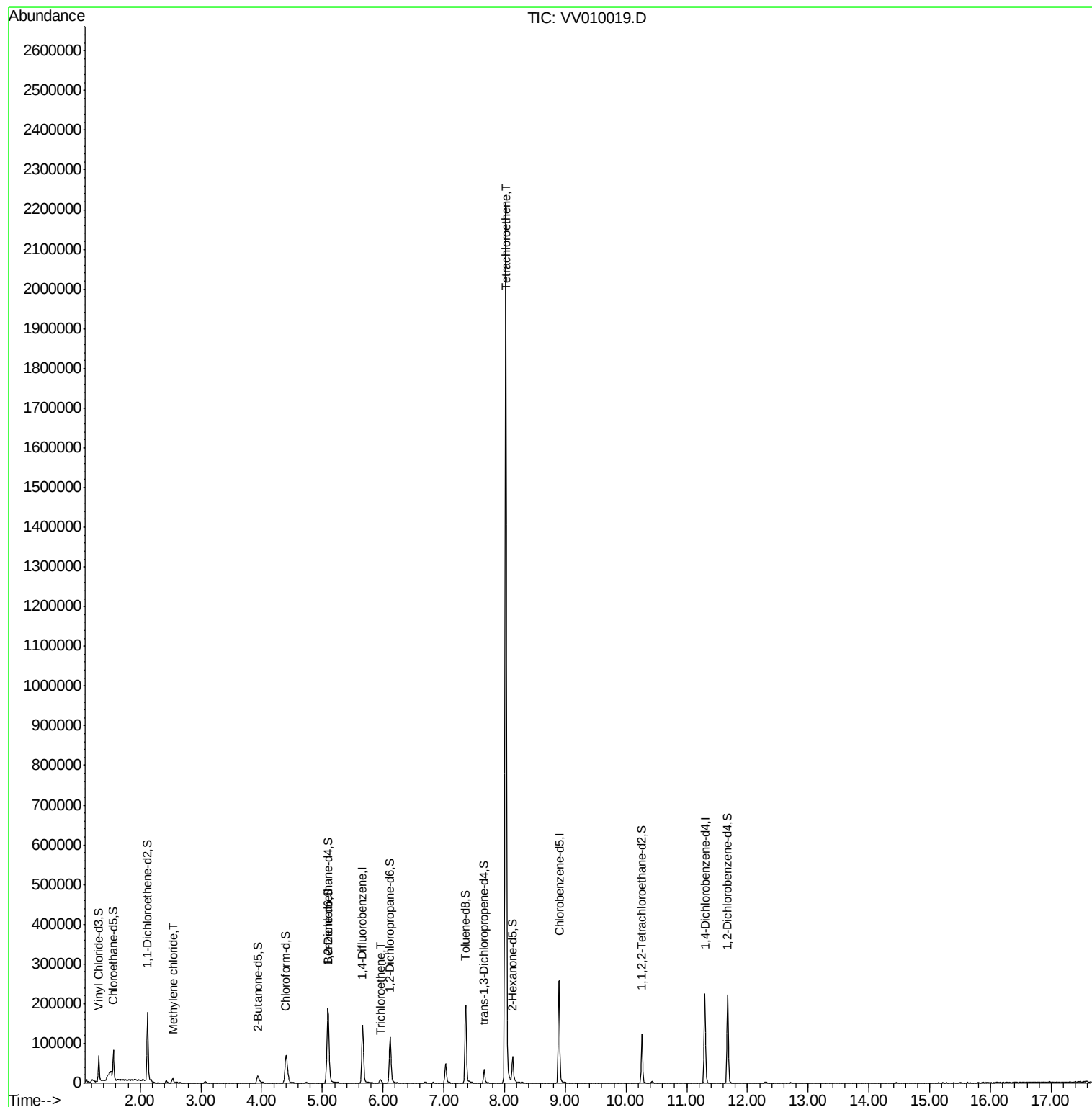
Target Compounds					Ovalue
16) Methylene chloride	2.54	84	4265	2.150 ug/L	93
35) Trichloroethene	5.96	95	2255	1.187 ug/L	88
47) Tetrachloroethene	8.02	164	423408	282.356 ug/L	96

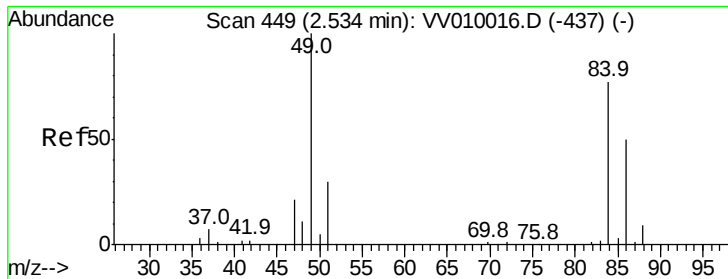
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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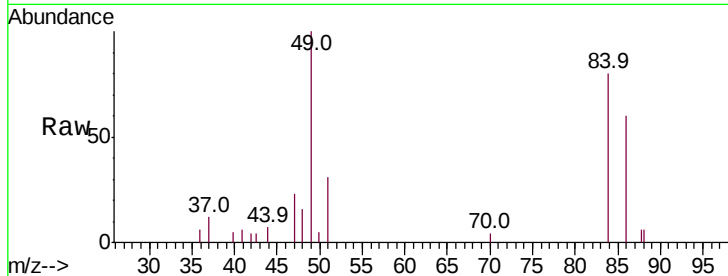




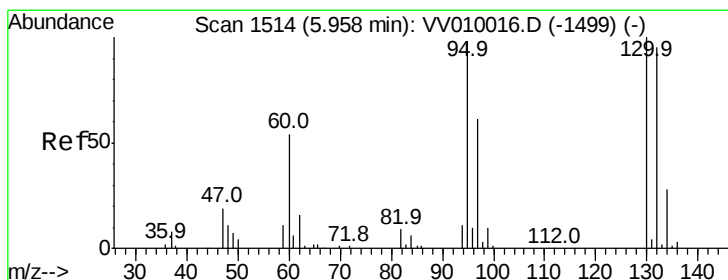
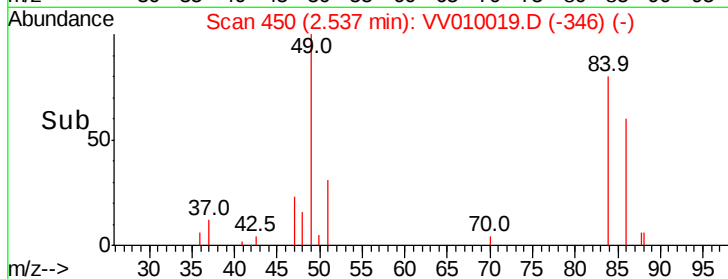
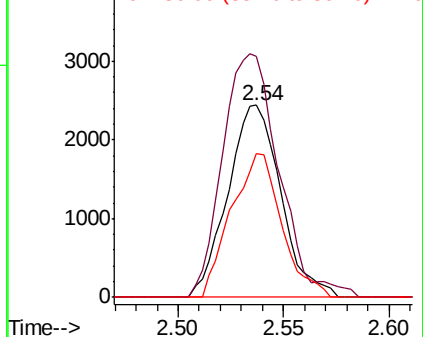
#16
Methylene chloride
Concen: 2.150 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV010019.D
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Tot Ion: 84 Resp: 4265
Ion Ratio Lower Upper
84 100
49 125.2 90.4 167.8
86 74.8 44.0 81.6

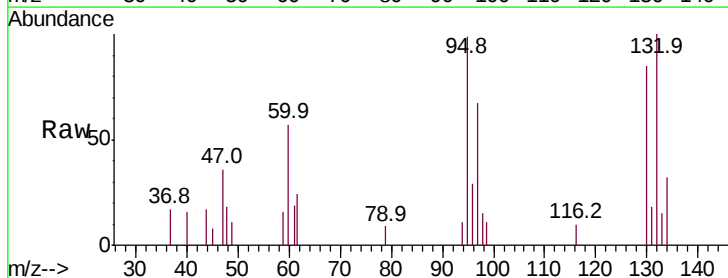


Abundance Ion 84.00 (83.70 to 84.70): VV0
Ion 49.00 (48.70 to 49.70): VV0
Ion 86.00 (85.70 to 86.70): VV0

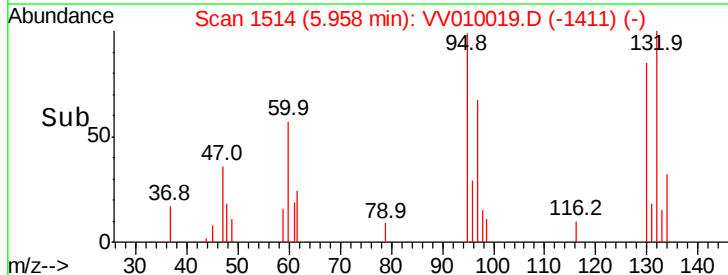
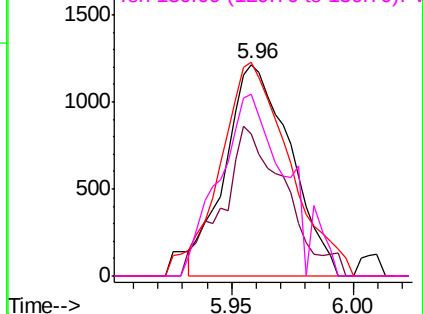


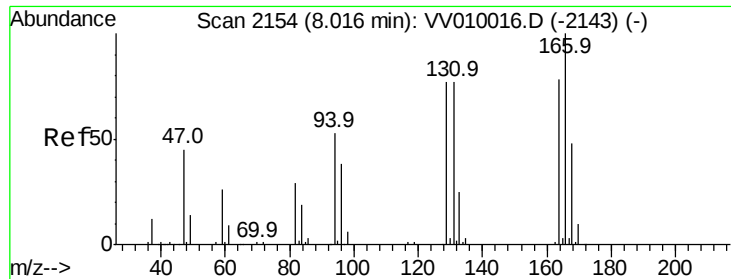
#35
Trichloroethene
Concen: 1.187 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VV010019.D
Acq: 30 Mar 2019 14:58

Tgt Ion: 95 Resp: 2255
Ion Ratio Lower Upper
95 100
97 66.5 46.3 85.9
132 107.8 69.3 128.7
130 76.4 69.5 129.1



Abundance Ion 95.00 (94.70 to 95.70): VV0
Ion 97.00 (96.70 to 97.70): VV0
Ion 132.00 (131.70 to 132.70): VV0
Ion 130.00 (129.70 to 130.70): VV0





#47

Tetrachloroethene

Concen: 282.356 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

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Tot Ion:164 Resp: 423408

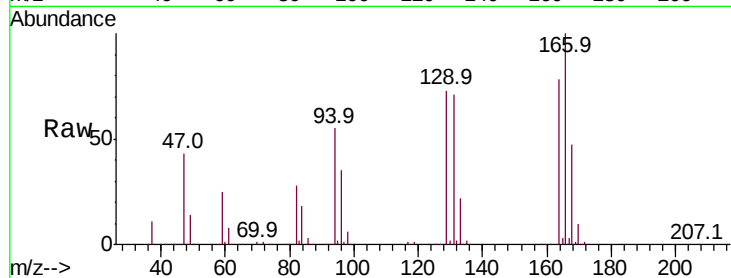
Ion Ratio Lower Upper

164 100

129 93.5 64.9 120.5

131 90.7 62.0 115.2

166 127.6 82.9 153.9



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

