

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV033019\
 Data File : VV010018.D
 Acq On : 30 Mar 2019 14:32
 Operator : SY/MD
 Sample : K2166-01
 Misc : 6.02G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF103

Quant Time: Mar 30 23:45:28 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	146560	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	147630	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	61477	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	40289	13.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	54.20%
7) Chloroethane-d5	1.55	69	48625	15.14	ug/L	-0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.56%
10) 1,1-Dichloroethene-d2	2.12	63	130421	16.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.12%
20) 2-Butanone-d5	3.93	46	26407	47.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.30%
24) Chloroform-d	4.40	84	97122	26.01	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.04%
26) 1,2-Dichloroethane-d4	5.08	65	58763	26.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.60%
29) Benzene-d6	5.09	84	192604	24.84	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.36%
33) 1,2-Dichloropropane-d6	6.11	67	58944	25.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.96%
37) Toluene-d8	7.36	98	163770	22.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.28%
38) trans-1,3-Dichloropropene-	7.66	79	17780	19.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.64%
39) 2-Hexanone-d5	8.13	63	19481	46.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.02%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	51514	22.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.76%
61) 1,2-Dichlorobenzene-d4	11.68	152	63171	26.99	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.96%

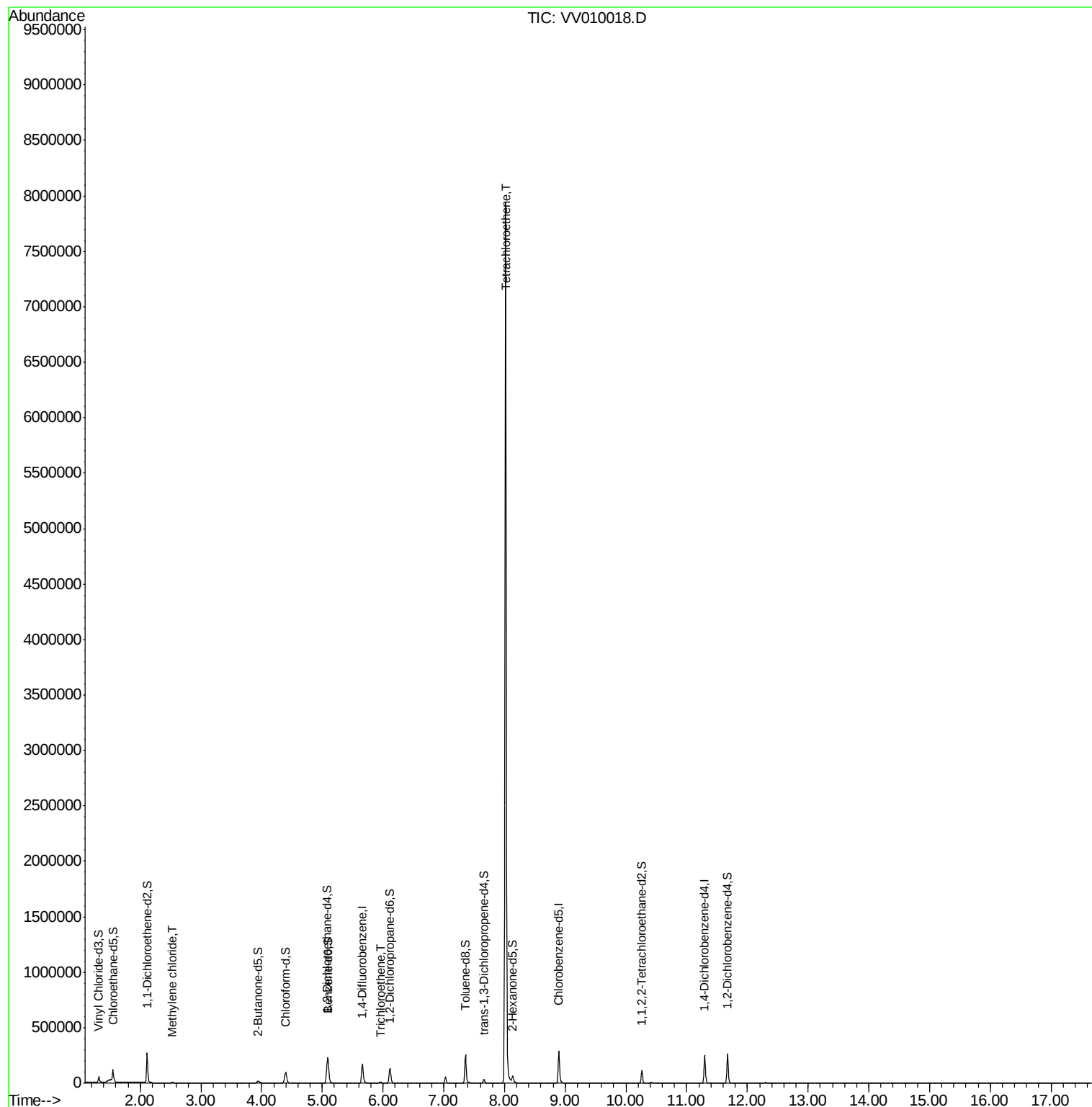
Target Compounds					Ovalue
16) Methylene chloride	2.53	84	4423	1.833 ug/L	94
35) Trichloroethene	5.96	95	3181	1.488 ug/L	95
47) Tetrachloroethene	8.02	164	1460770	865.683 ug/L	95

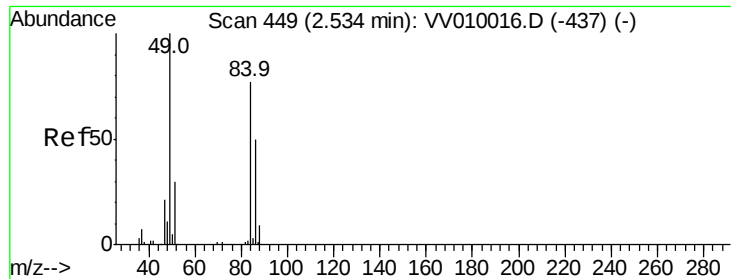
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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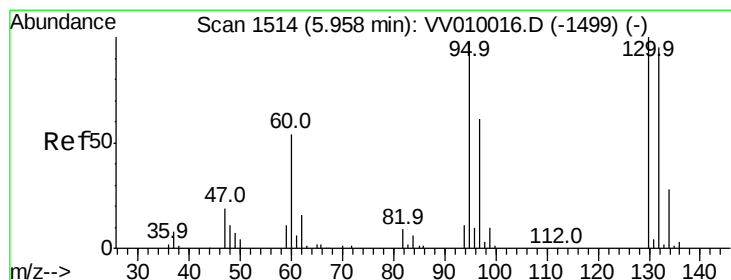
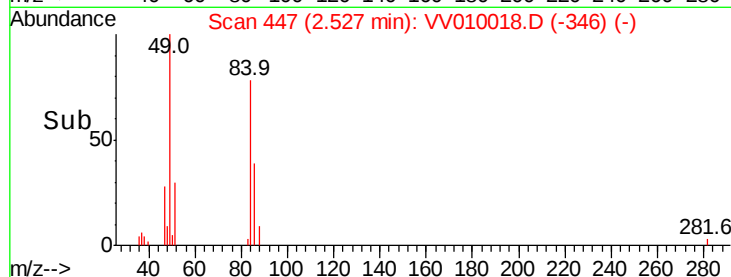
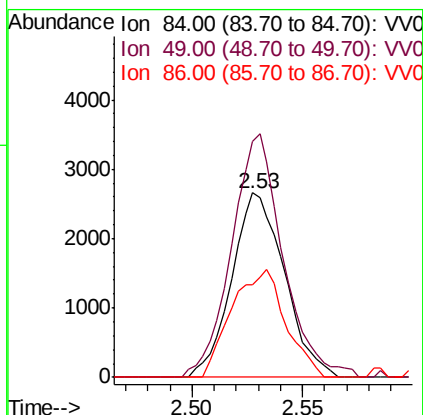
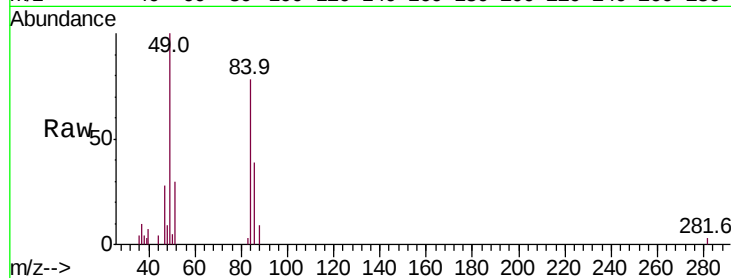




#16
Methylene chloride
Concen: 1.833 ug/L
RT: 2.53 min Scan# 447
Delta R.T. -0.01 min
Lab File: VV010018.D
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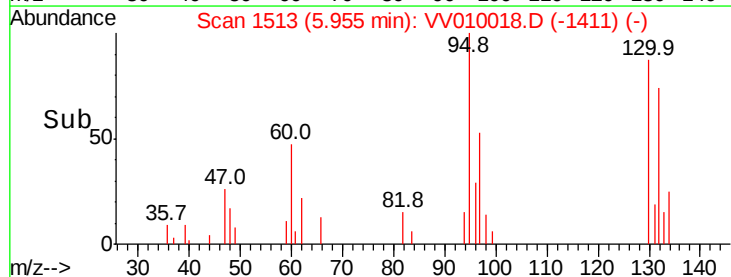
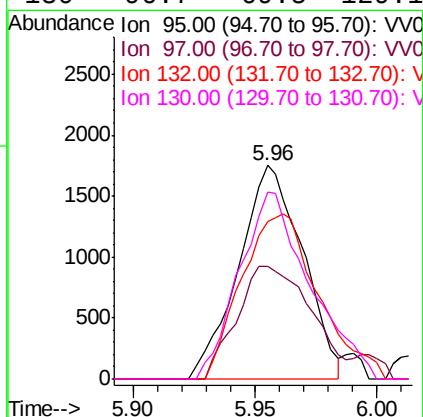
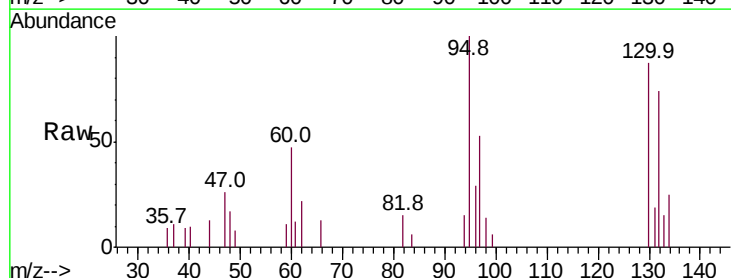
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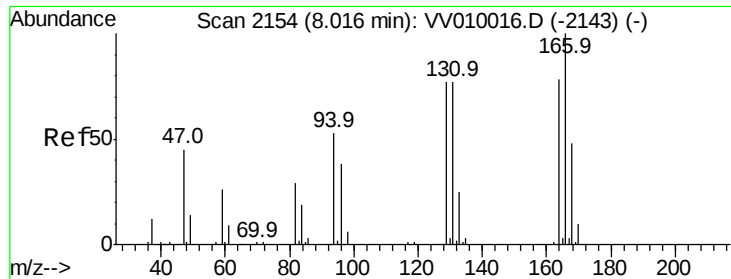
Tot Ion: 84 Resp: 4423
Ion Ratio Lower Upper
84 100
49 127.6 90.4 167.8
86 50.2 44.0 81.6



#35
Trichloroethene
Concen: 1.488 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VV010018.D
Acq: 30 Mar 2019 14:32

Tgt Ion: 95 Resp: 3181
Ion Ratio Lower Upper
95 100
97 61.2 46.3 85.9
132 92.8 69.3 128.7
130 96.7 69.5 129.1





#47

Tetrachloroethene

Concen: 865.683 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV010018.D

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Instrument :
MSVOA_V
ClientSampleId :
BF103

Tot Ion:164 Resp: 1460770

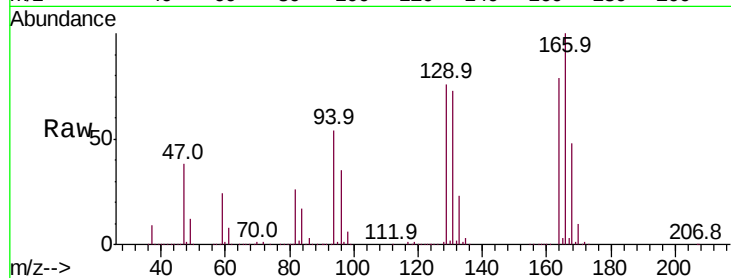
Ion Ratio Lower Upper

164 100

129 96.2 64.9 120.5

131 92.3 62.0 115.2

166 127.1 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

