

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091019\
 Data File : VV012656.D
 Acq On : 10 Sep 2019 14:42
 Operator : SY/MD
 Sample : K4703-16DL 10X
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFD99DL

Quant Time: Sep 11 06:30:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Sep 11 05:21:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	398796	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	398909	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	152820	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	107950	3.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.80%
7) Chloroethane-d5	1.58	69	99504	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.00%
11) 1,1-Dichloroethene-d2	2.13	63	132572	3.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.60%
20) 2-Butanone-d5	3.97	46	356809	54.81	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.62%
24) Chloroform-d	4.40	84	223366	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	5.08	65	118775	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
32) Benzene-d6	5.10	84	407783	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.60%
36) 1,2-Dichloropropane-d6	6.12	67	139468	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	7.36	98	318287	3.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.60%
43) trans-1,3-Dichloropropene-	7.66	79	44462	4.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.40%
46) 2-Hexanone-d5	8.14	63	180732	45.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.76%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	104489	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	131072	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

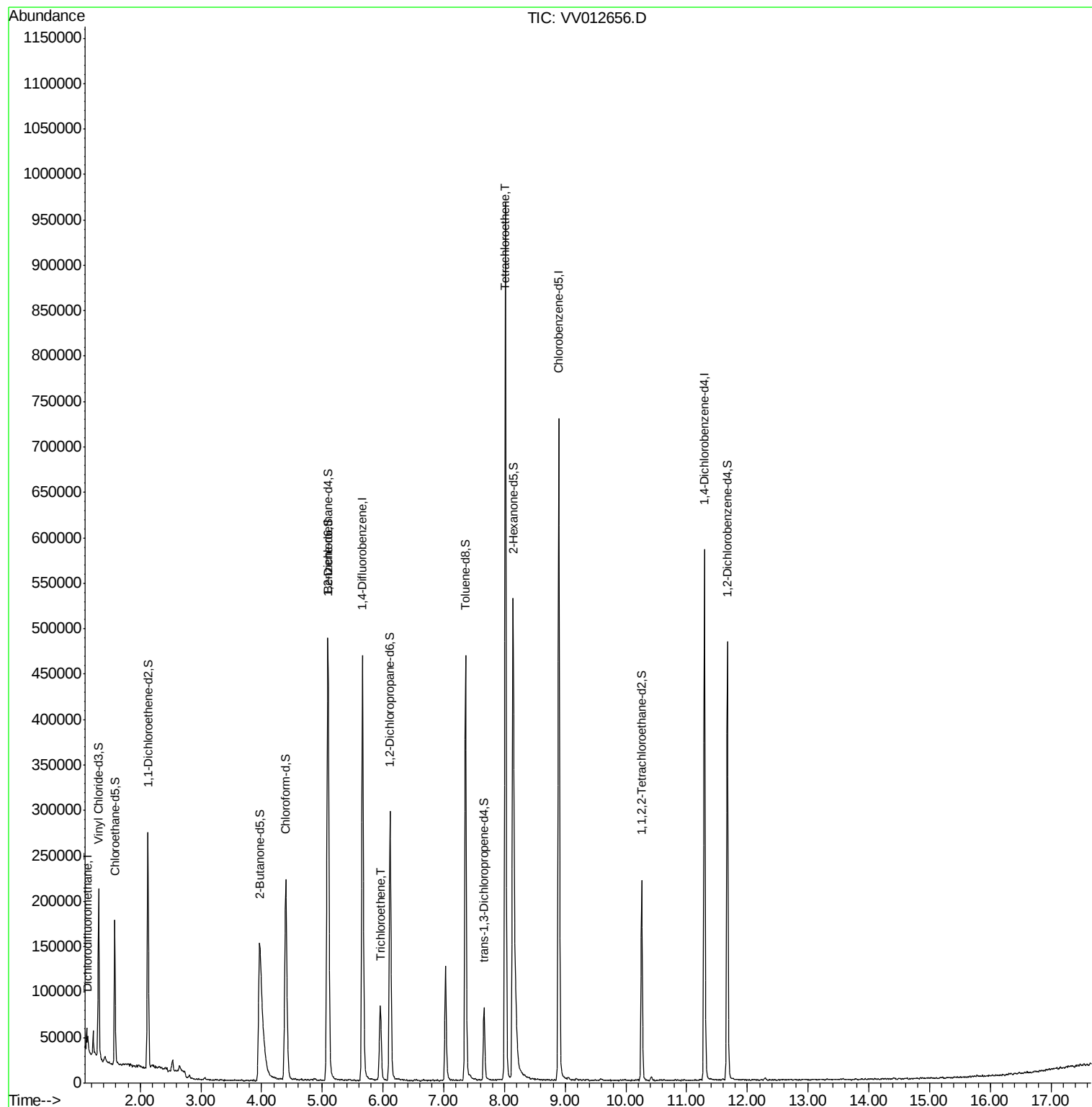
					Ovalue
2) Dichlorodifluoromethane	1.14	85	8256	0.245 ug/L #	87
34) Trichloroethene	5.96	95	23908	0.742 ug/L	96
47) Tetrachloroethene	8.02	164	220902	8.735 ug/L	98

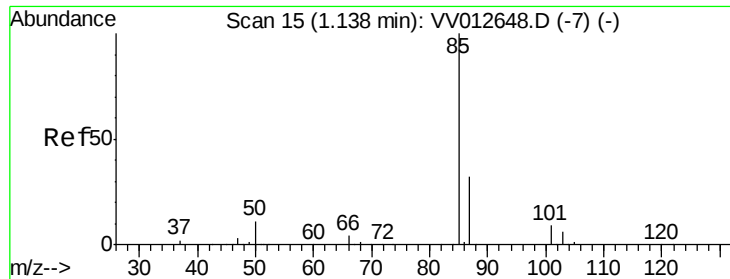
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 0.245 ug/L

RT: 1.14 min Scan# 15

Delta R.T. 0.00 min

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Acq: 10 Sep 2019 14:42

Instrument :

MSVOA_V

ClientSampleId :

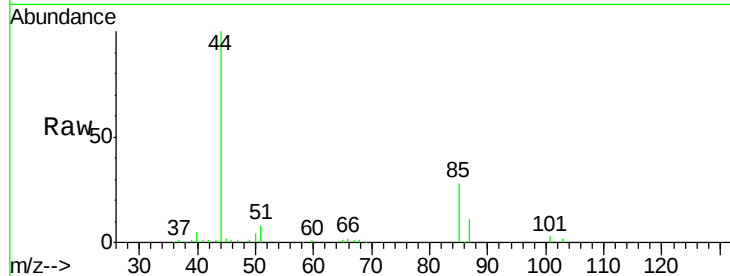
BFD99DL

Tot Ion: 85 Resp: 8256

Ion Ratio Lower Upper

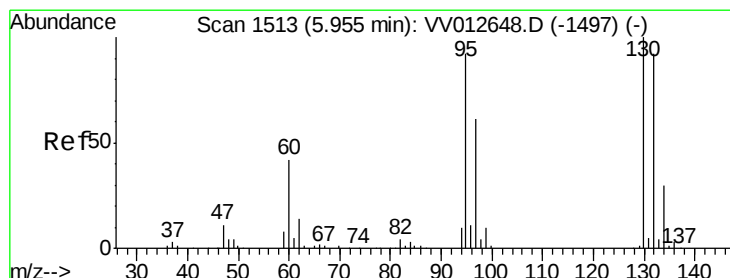
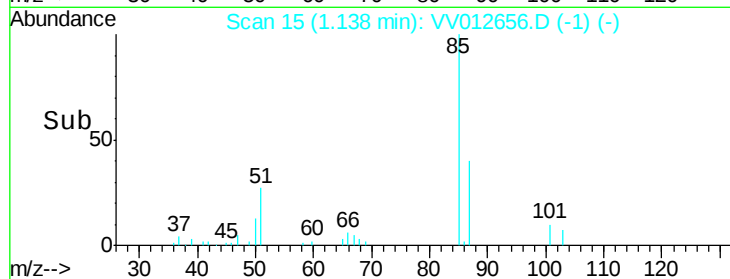
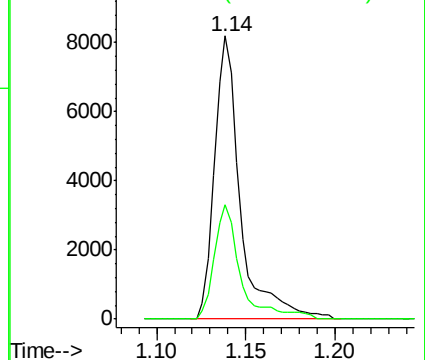
85 100

87 39.4 25.8 38.8#



Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0



#34

Trichloroethene

Concen: 0.742 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV012656.D

Acq: 10 Sep 2019 14:42

Tgt Ion: 95 Resp: 23908

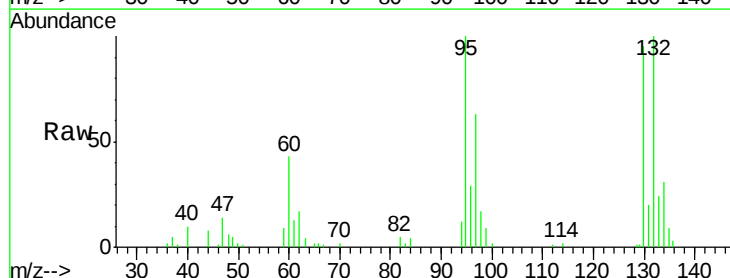
Ion Ratio Lower Upper

95 100

97 63.4 45.4 84.2

132 100.3 70.2 130.4

130 95.5 74.2 137.8

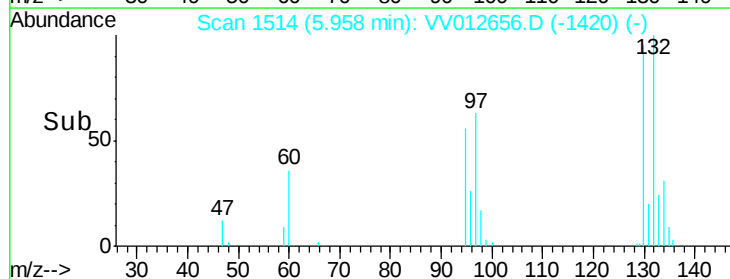
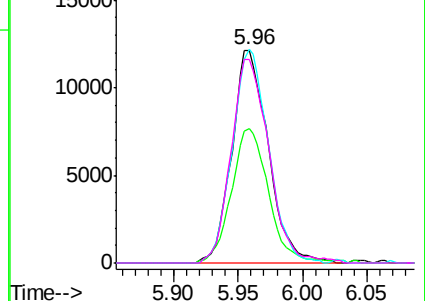


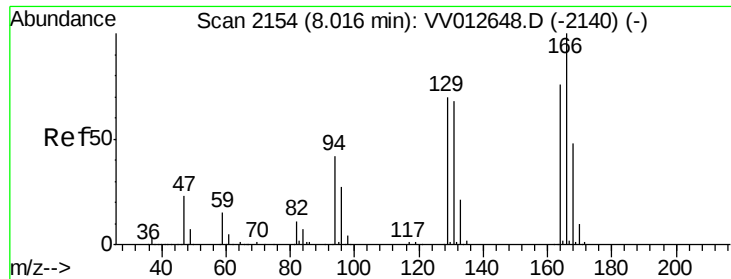
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0





#47

Tetrachloroethene

Concen: 8.735 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

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Tot Ion:164 Resp: 220902

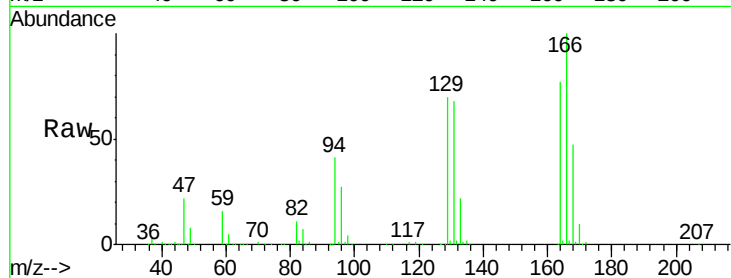
Ion Ratio Lower Upper

164 100

129 90.7 61.9 114.9

131 88.1 59.7 110.9

166 129.4 90.4 167.8



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

