

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082219\
 Data File : VV012346.D
 Acq On : 22 Aug 2019 14:40
 Operator : SY/MD
 Sample : K4481-01
 Misc : 5mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0XL9

Quant Time: Sep 09 07:58:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 23 06:55:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	196825	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	185938	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	85225	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	36042	38.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.36%
7) Chloroethane-d5	1.58	69	27773	41.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.14%
11) 1,1-Dichloroethene-d2	2.13	63	59684	32.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.06%
21) 2-Butanone-d5	3.93	46	57156	78.69	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	78.69%
24) Chloroform-d	4.40	84	119132	44.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.96%
26) 1,2-Dichloroethane-d4	5.08	65	89992	49.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.54%
32) Benzene-d6	5.10	84	226461	45.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.34%
36) 1,2-Dichloropropane-d6	6.12	67	60321	44.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.98%
41) Toluene-d8	7.36	98	219653	45.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.90%
43) trans-1,3-Dichloropropene-	7.66	79	36075	43.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.36%
47) 2-Hexanone-d5	8.13	63	42251	76.35	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.35%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	84100	44.04	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.08%
64) 1,2-Dichlorobenzene-d4	11.67	152	93116	49.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.40%

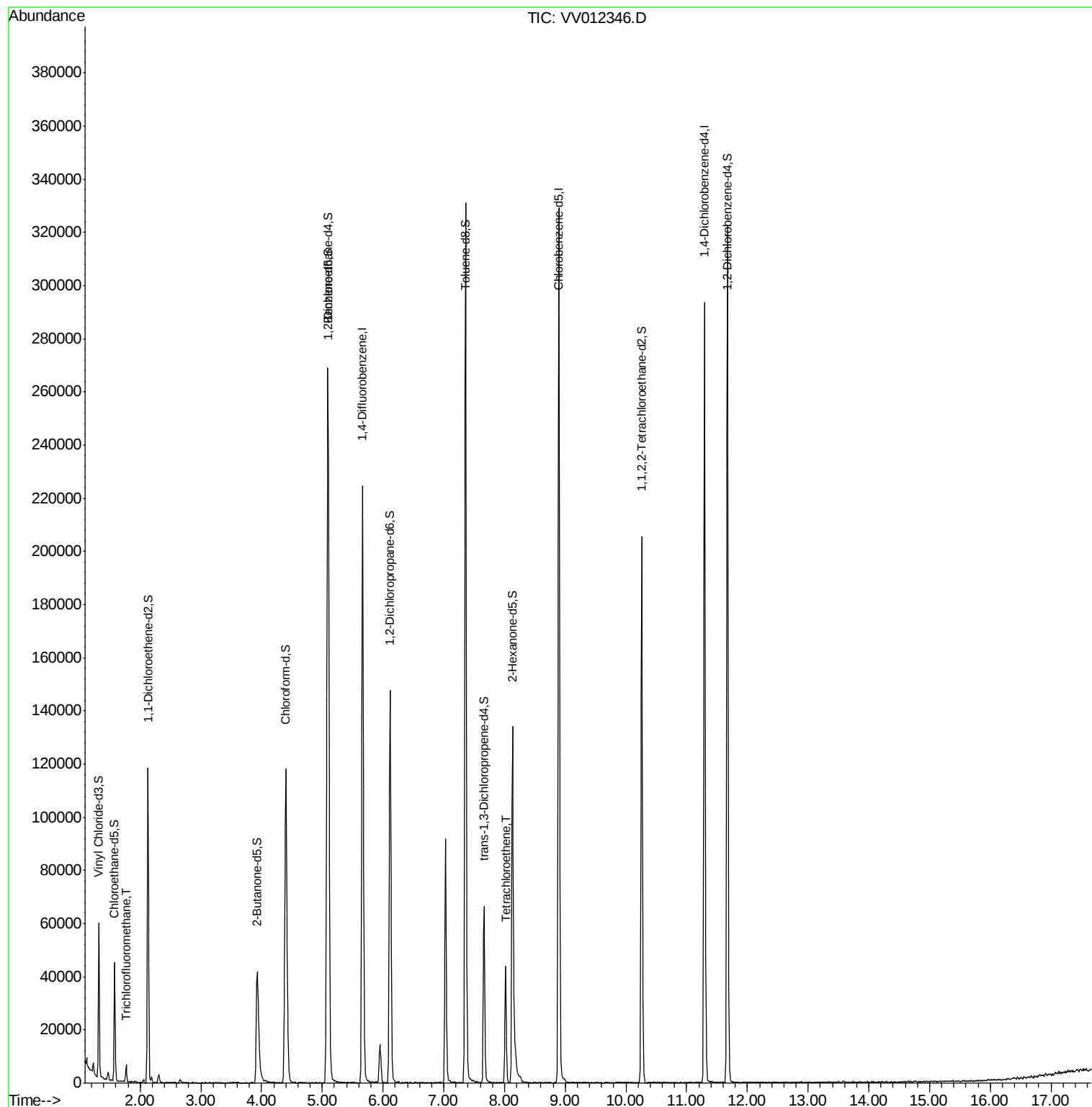
Target Compounds					Ovalue
9) Trichlorofluoromethane	1.77	101	3032	1.585 ug/L	92
46) Tetrachloroethene	8.02	164	10828	8.243 ug/L	97

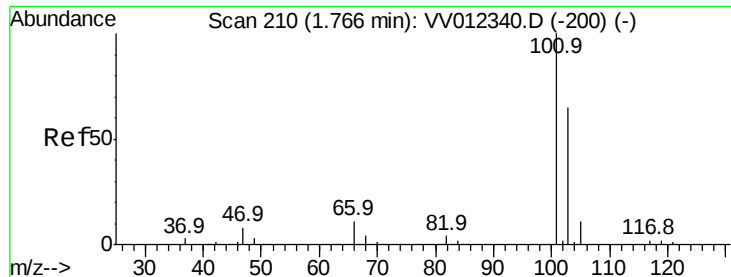
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 1.585 ug/L

RT: 1.77 min Scan# 211

Delta R.T. 0.00 min

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Acq: 22 Aug 2019 14:40

Instrument :

MSVOA_V

ClientSampled :

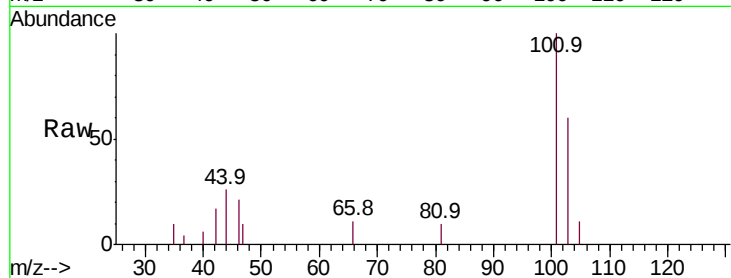
C0XL9

Tot Ion:101 Resp: 3032

Ion Ratio Lower Upper

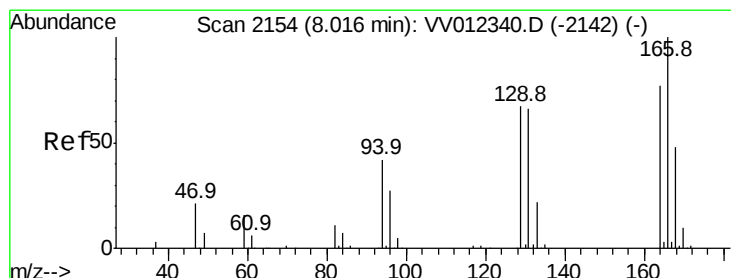
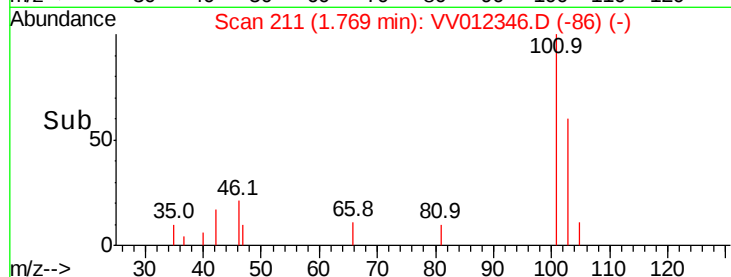
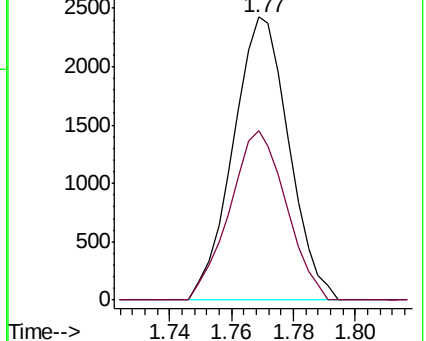
101 100

103 60.5 53.2 79.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#46

Tetrachloroethene

Concen: 8.243 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

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Tgt Ion:164 Resp: 10828

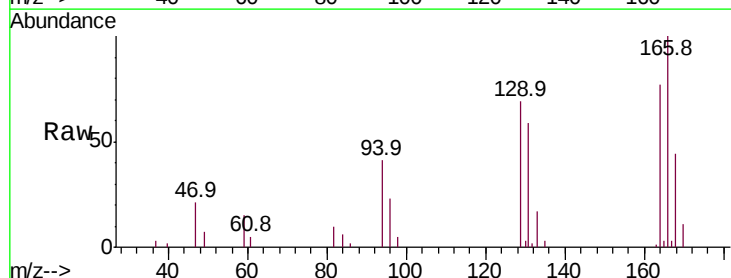
Ion Ratio Lower Upper

164 100

129 89.3 61.5 114.3

131 76.3 56.6 105.0

166 130.0 88.2 163.8



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

