

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111419\
 Data File : VW014029.D
 Acq On : 14 Nov 2019 18:58
 Operator : SY/VA
 Sample : K5810-04
 Misc : 5.51G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFLY3

Quant Time: Nov 15 03:45:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 15 01:46:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	363649	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	351030	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	178416	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	108386	18.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.72%
7) Chloroethane-d5	2.89	69	93407	19.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.44%
10) 1,1-Dichloroethene-d2	4.01	63	172376	14.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.92%
20) 2-Butanone-d5	7.07	46	85148	50.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.04%
24) Chloroform-d	7.65	84	259945	23.25	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	8.31	65	143454	25.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.08%
29) Benzene-d6	8.27	84	551577	22.15	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.60%
33) 1,2-Dichloropropane-d6	9.27	67	167818	23.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.00%
37) Toluene-d8	10.32	98	500499	21.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.76%
38) trans-1,3-Dichloropropene-	10.57	79	67115	21.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.92%
39) 2-Hexanone-d5	10.92	63	68520	49.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.06%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	137181	24.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.60%
61) 1,2-Dichlorobenzene-d4	13.85	152	165240	23.05	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.20%

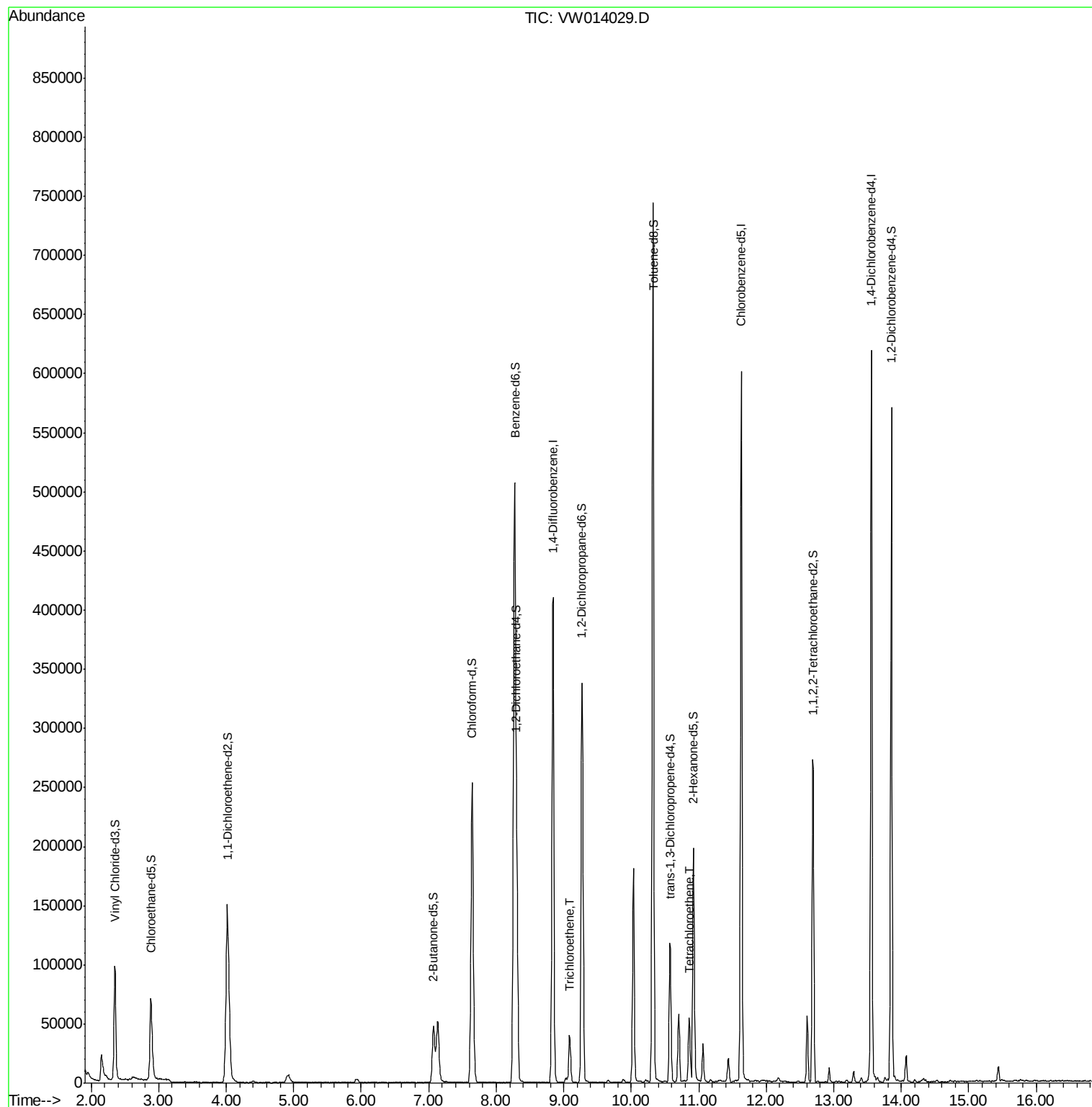
Target Compounds					Ovalue
35) Trichloroethene	9.09	95	13367	1.946 ug/L	99
47) Tetrachloroethene	10.85	164	12706	2.075 ug/L	90

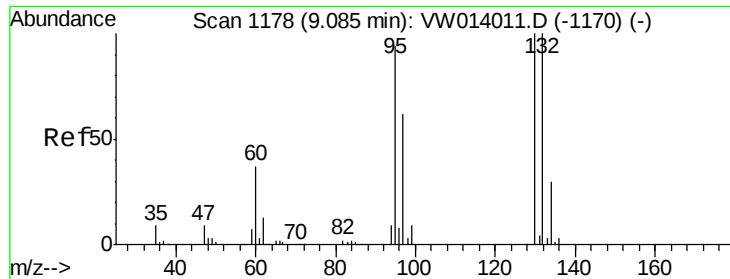
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Trichloroethene

Concen: 1.946 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

BFLY3

Tot Ion: 95 Resp: 13367

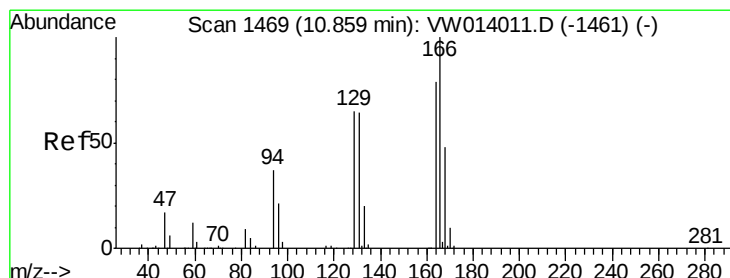
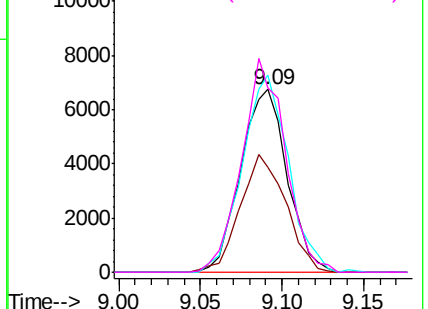
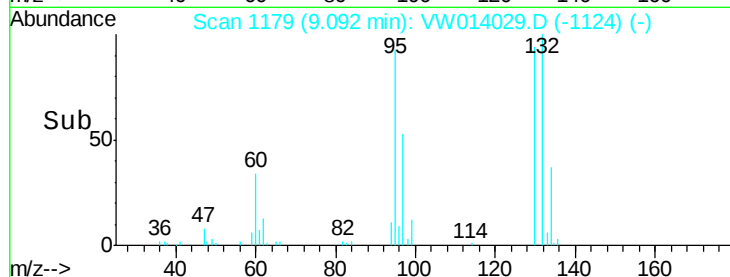
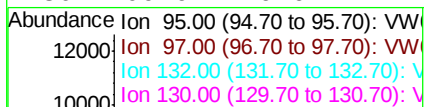
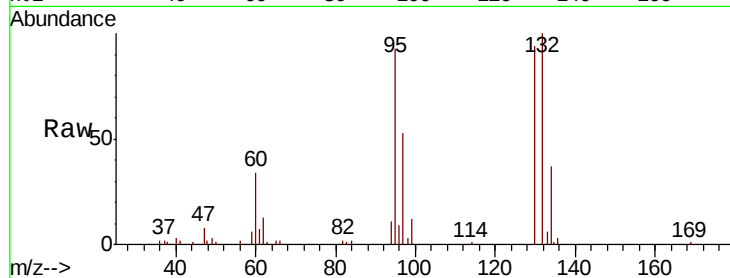
Ion Ratio Lower Upper

95 100

97 63.1 45.1 83.9

132 106.9 73.7 136.9

130 109.9 76.6 142.2



#47

Tetrachloroethene

Concen: 2.075 ug/L

RT: 10.85 min Scan# 1468

Delta R.T. -0.01 min

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Tgt Ion: 164 Resp: 12706

Ion Ratio Lower Upper

164 100

129 77.6 60.6 112.6

131 79.7 59.1 109.7

166 113.5 90.8 168.6

