Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111819\
Data File : VW014070.D
Acq On : 18 Nov 2019 18:51
Operator : SY/VA
Sample : K5845-04
Misc : 4.75G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BFLY4

Quant Time: Nov 19 08:21:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 19 07:22:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	337056	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	321892	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	164318	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	111477	20.73	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 82.92%			
7) Chloroethane-d5	2.89	69	101286	23.23	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 92.92%			
10) 1,1-Dichloroethene-d2	4.01	63	184140	16.68	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 66.72%			
20) 2-Butanone-d5	7.07	46	75134	48.09	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 96.18%			
24) Chloroform-d	7.65	84	278990	26.92	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 107.68%			
26) 1,2-Dichloroethane-d4	8.31	65	143859	27.61	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 110.44%			
29) Benzene-d6	8.27	84	588403	25.76	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 103.04%			
33) 1,2-Dichloropropane-d6	9.27	67	181166	27.08	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 108.32%			
37) Toluene-d8	10.32	98	534306	24.67	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 98.68%			
38) trans-1,3-Dichloropropene-	10.58	79	68025	23.74	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 94.96%			
39) 2-Hexanone-d5	10.92	63	60443	47.64	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 95.28%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	127757	25.29	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 101.16%			
61) 1,2-Dichlorobenzene-d4	13.85	152	175568	26.59	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 106.36%			
Target Compounds						Qvalue
35) Trichloroethene	9.09	95	18831	2.990	ug/L	98
47) Tetrachloroethene	10.86	164	6033	1.075	ug/L	89
54) m,p-Xylene	11.83	106	9857	0.898	ug/L	95
55) o-xylene	12.16	106	9252	0.900	ug/L	93

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

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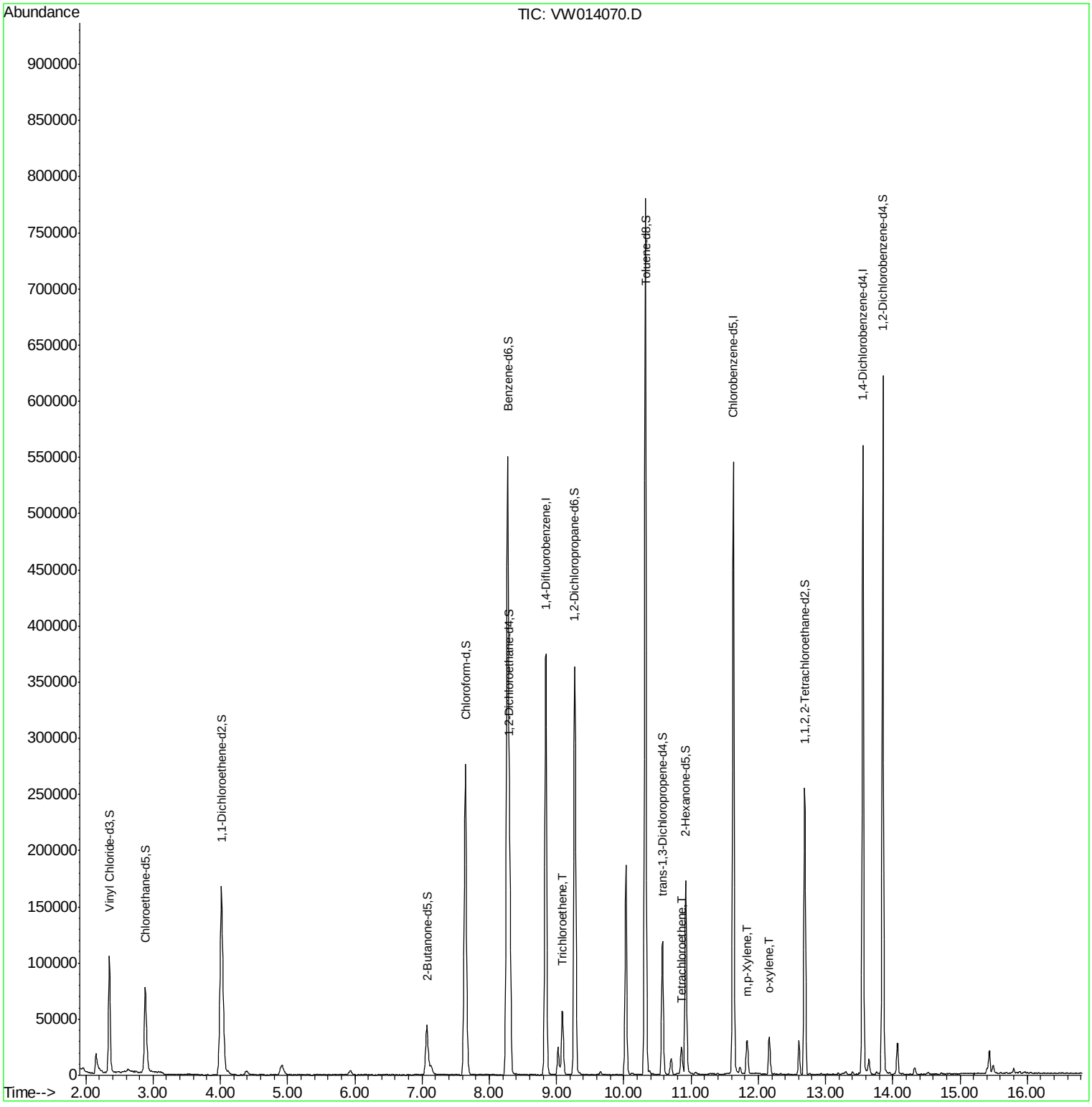
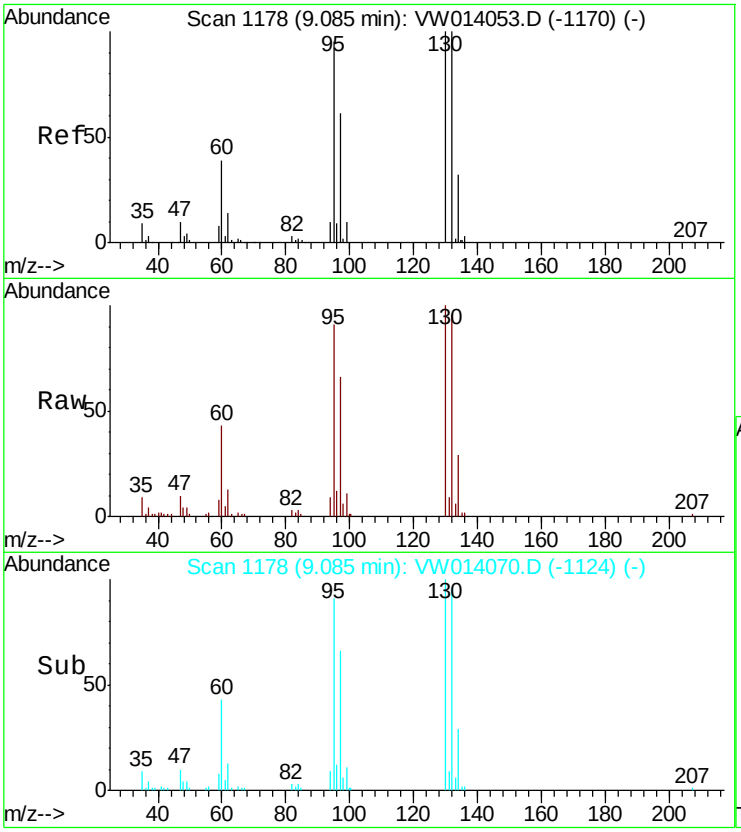


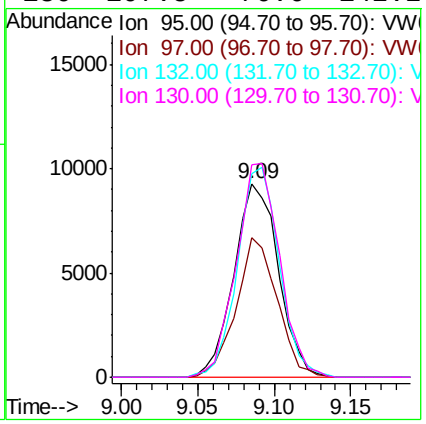


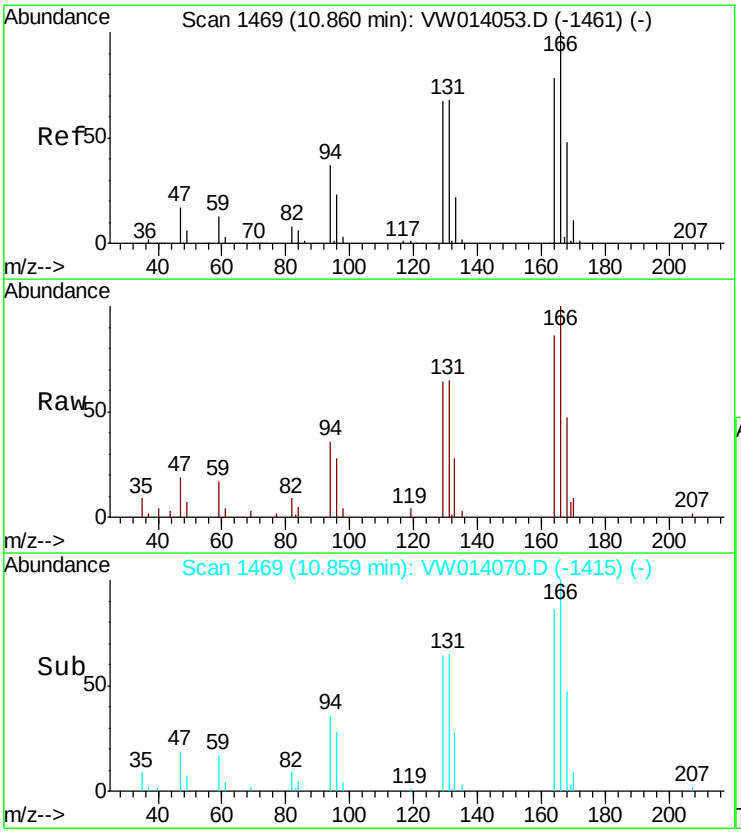
#35
Trichloroethene
Concen: 2.990 ug/L
RT: 9.09 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VW014070.D
Acq: 18 Nov 2019 18:51

Instrument :
MSVOA_W
ClientSampleId :
BFLY4

Tgt Ion: 95 Resp: 18831

Ion	Ratio	Lower	Upper
95	100		
97	66.2	45.1	83.9
132	101.8	73.7	136.9
130	107.5	76.6	142.2

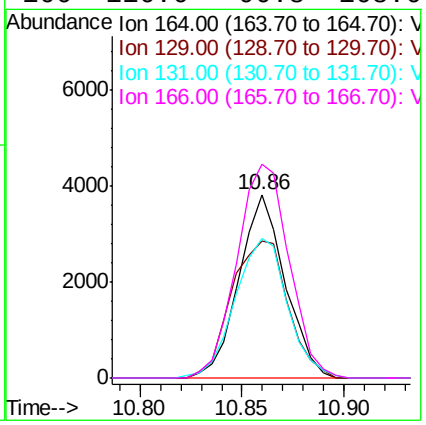


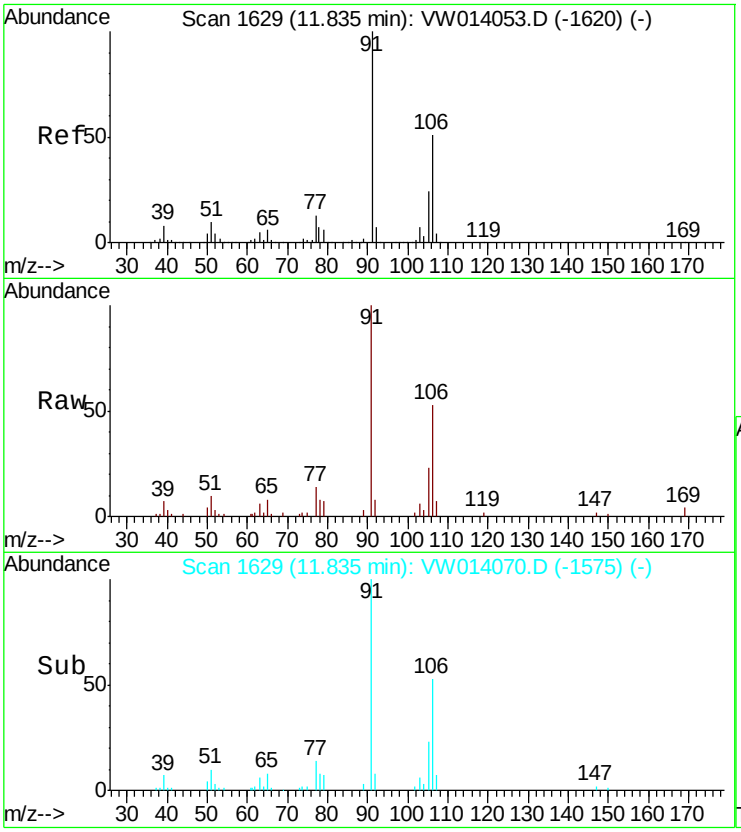


#47
Tetrachloroethene
Concen: 1.075 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW014070.D
Acq: 18 Nov 2019 18:51

Tgt Ion:164 Resp: 6033

Ion	Ratio	Lower	Upper
164	100		
129	74.5	60.6	112.6
131	75.9	59.1	109.7
166	116.6	90.8	168.6



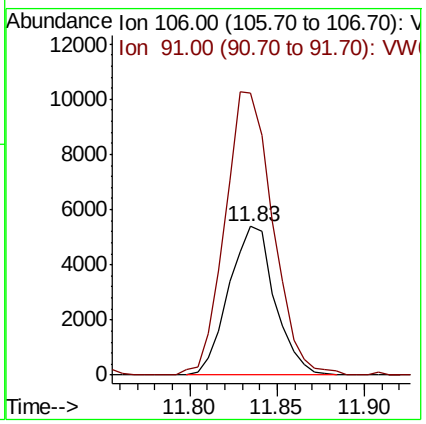


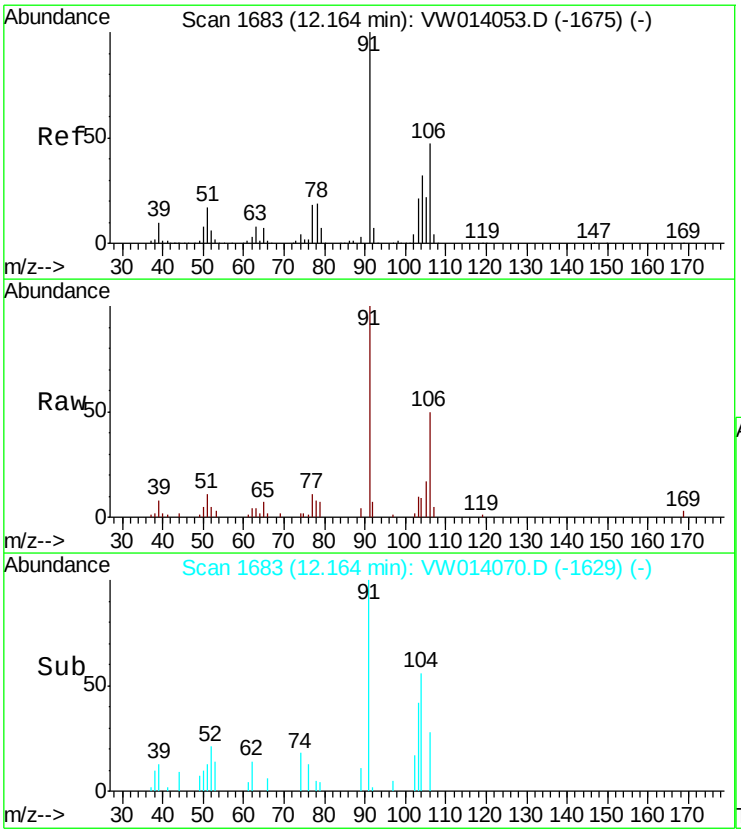
#54
m,p-Xylene
Concen: 0.898 ug/L
RT: 11.83 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VW014070.D
Acq: 18 Nov 2019 18:51

Instrument :
MSVOA_W
ClientSampleId :
BFLY4

Tgt Ion:106 Resp: 9857

Ion	Ratio	Lower	Upper
106	100		
91	189.9	138.7	257.5





#55
o-xylene
Concen: 0.900 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW014070.D
Acq: 18 Nov 2019 18:51

Tgt Ion:106 Resp: 9252

Ion	Ratio	Lower	Upper
106	100		
91	200.2	148.3	275.5