Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032520\
Data File : VW015136.D
Acq On : 25 Mar 2020 15:18
Operator : SY/VA
Sample : L1986-01
Misc : 5.31G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId :

Quant Time: Mar 26 05:17:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 26 05:02:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	673851	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	604189	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	207263	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	287921	24.74	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 98.96%			
7) Chloroethane-d5	2.89	69	232249	24.20	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 96.80%			
10) 1,1-Dichloroethene-d2	4.02	63	446728	19.10	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 76.40%			
20) 2-Butanone-d5	7.08	46	128284	48.43	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 96.86%			
24) Chloroform-d	7.65	84	503520	25.01	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 100.04%			
26) 1,2-Dichloroethane-d4	8.45	65	213	0.02	ug/L	0.14
Spiked Amount 25.000	Range 70 - 130		Recovery = 0.08%#			
29) Benzene-d6	8.27	84	1030185	26.64	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 106.56%			
33) 1,2-Dichloropropane-d6	9.27	67	336069	26.16	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 104.64%			
37) Toluene-d8	10.32	98	882955	26.79	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 107.16%			
38) trans-1,3-Dichloropropene-	10.58	79	120361	24.48	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 97.92%			
39) 2-Hexanone-d5	10.93	63	84247	44.40	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 88.80%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	202277	23.02	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 92.08%			
61) 1,2-Dichlorobenzene-d4	13.85	152	205375	28.48	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 113.92%			
Target Compounds						Qvalue
16) Methylene chloride	4.91	84	20931	1.817	ug/L	85
42) cis-1,3-Dichloropropene	10.03	75	10002	0.618	ug/L #	58
49) 2-Hexanone	10.92	43	13132	2.823	ug/L #	70
69) Naphthalene	15.37	128	6490	0.506	ug/L #	94

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

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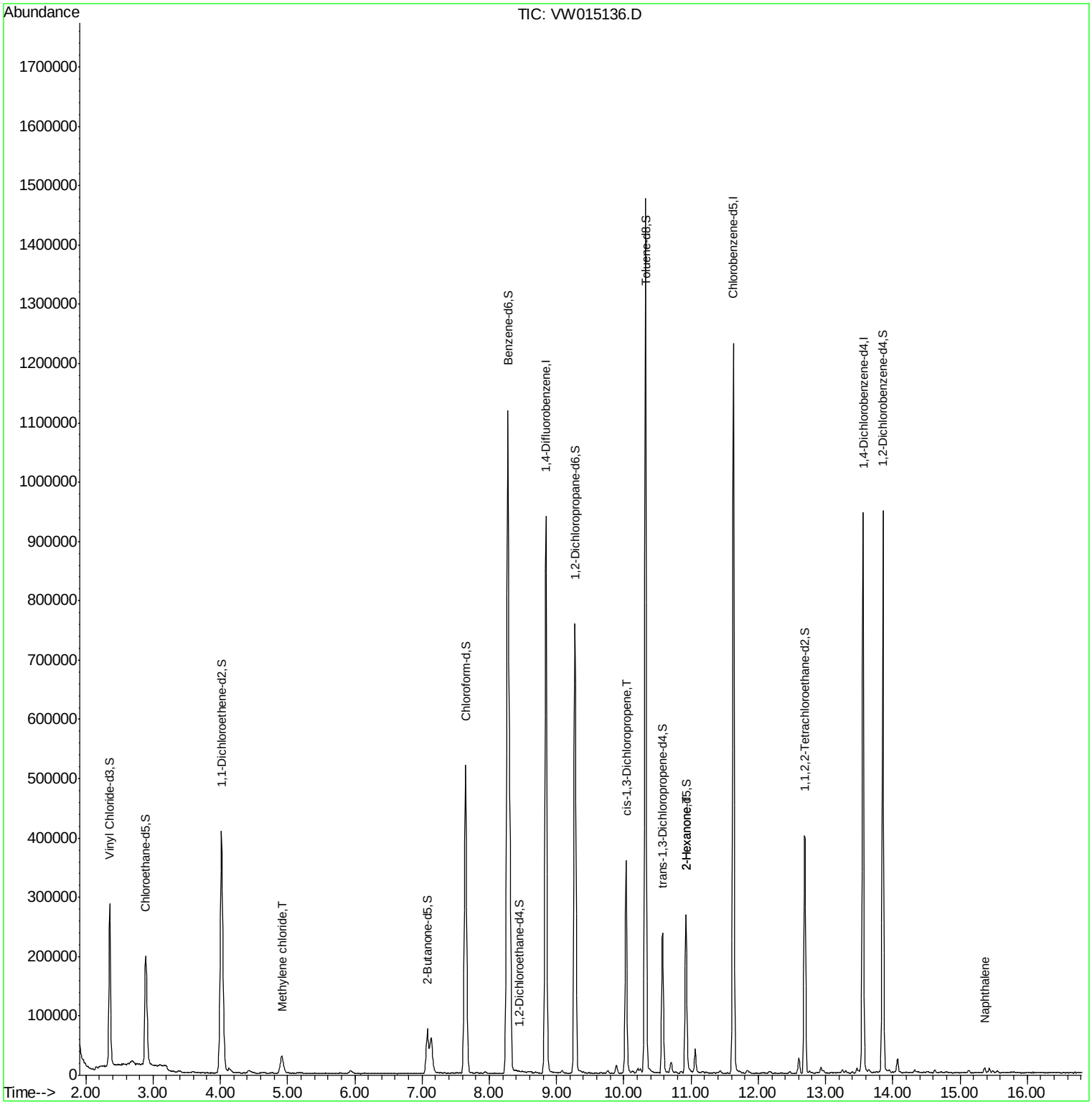
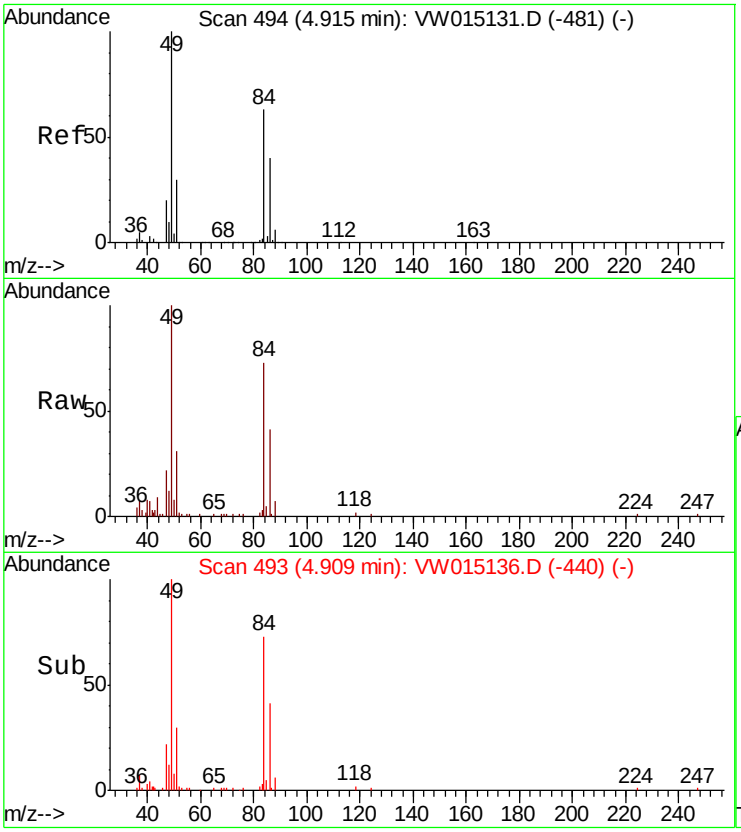


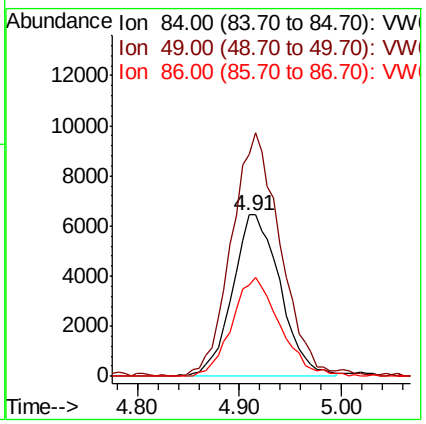


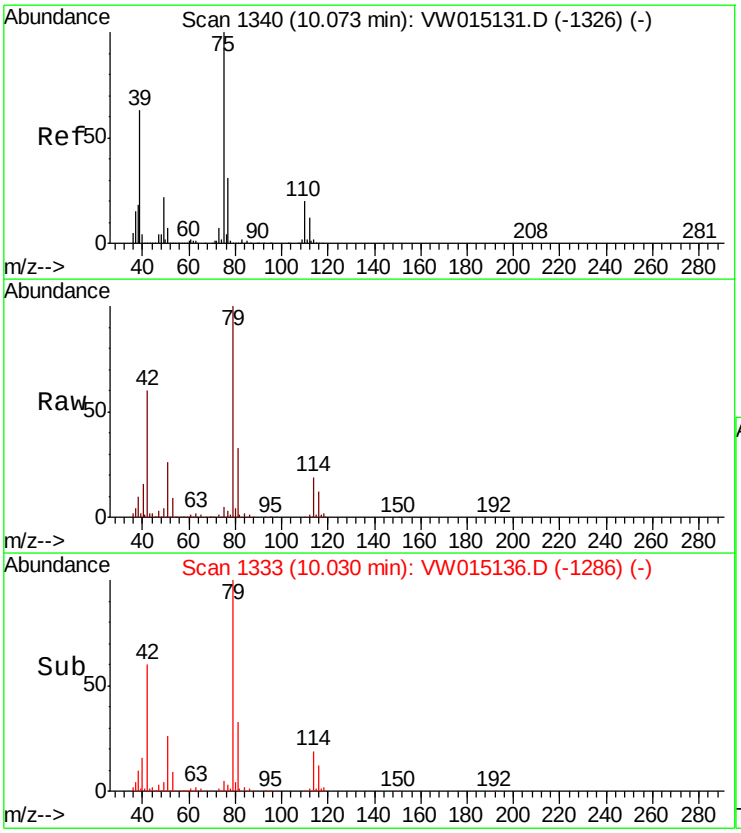
#16
Methylene chloride
Concen: 1.817 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW015136.D
Acq: 25 Mar 2020 15:18

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 84 Resp: 20931

Ion	Ratio	Lower	Upper
84	100		
49	137.7	111.7	207.5
86	56.4	44.7	82.9

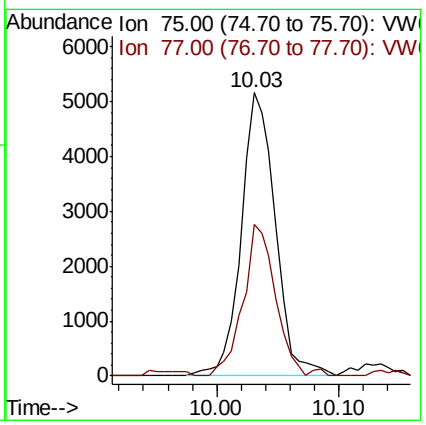


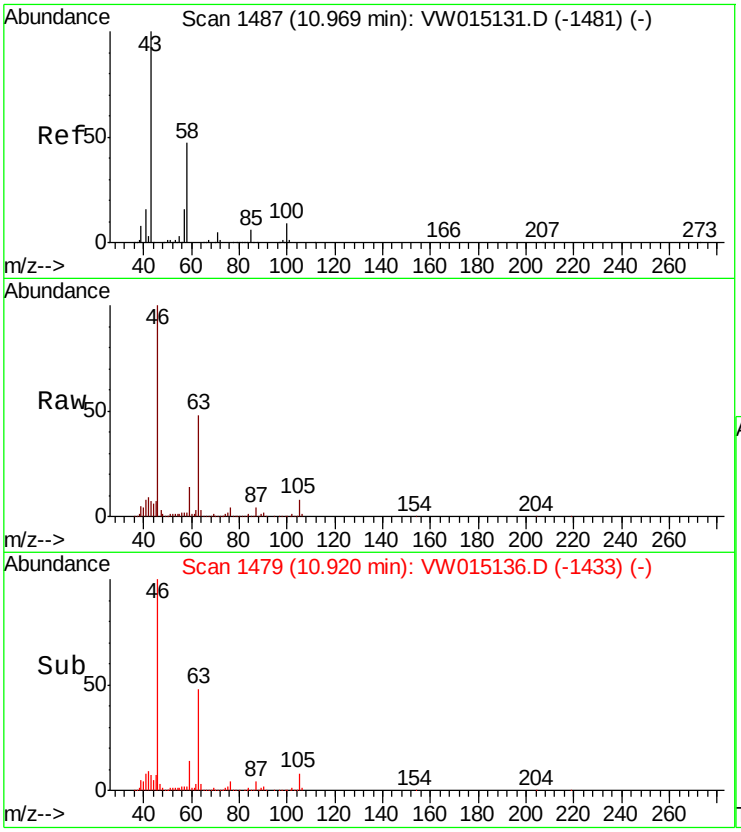


#42
cis-1,3-Dichloropropene
Concen: 0.618 ug/L
RT: 10.03 min Scan# 1333
Delta R.T. -0.04 min
Lab File: VW015136.D
Acq: 25 Mar 2020 15:18

Tgt Ion: 75 Resp: 10002

Ion	Ratio	Lower	Upper
75	100		
77	53.5	21.4	39.8#



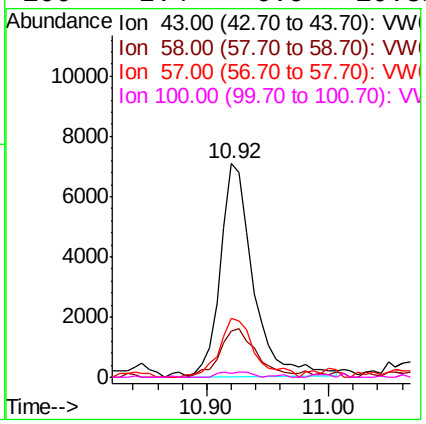


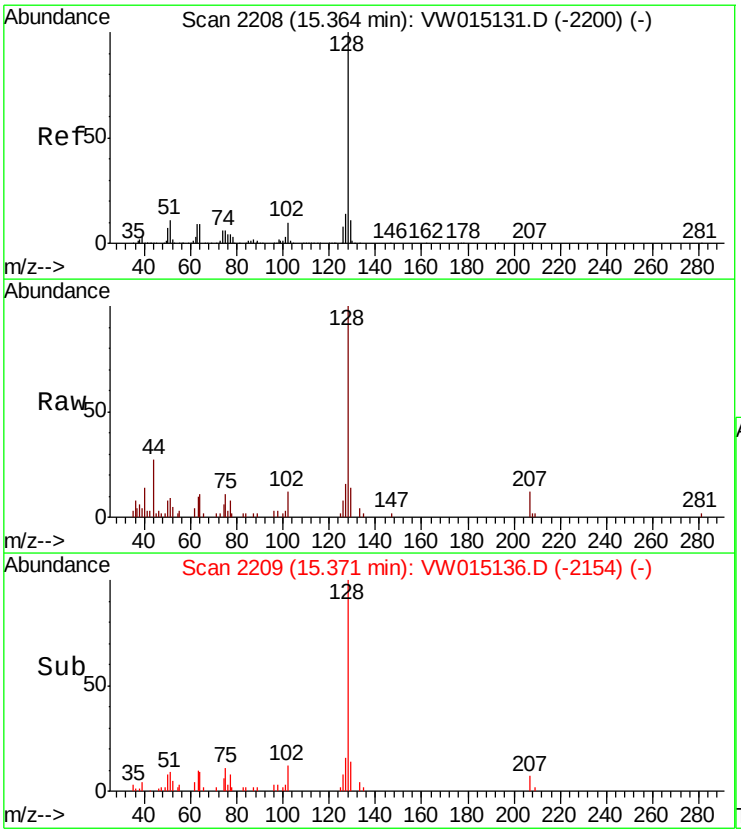
#49
2-Hexanone
Concen: 2.823 ug/L
RT: 10.92 min Scan# 1479
Delta R.T. -0.05 min
Lab File: VW015136.D
Acq: 25 Mar 2020 15:18

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 13132

Ion	Ratio	Lower	Upper
43	100		
58	25.8	38.5	57.7#
57	28.3	12.9	19.3#
100	2.4	6.9	10.3#





#69
Naphthalene
Concen: 0.506 ug/L
RT: 15.37 min Scan# 2209
Delta R.T. 0.01 min
Lab File: VW015136.D
Acq: 25 Mar 2020 15:18

Tgt Ion:128 Resp: 6490

Ion	Ratio	Lower	Upper
128	100		
129	12.9	8.9	13.3
127	16.7	11.0	16.4#