Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112919\
Data File : VW014187.D
Acq On : 29 Nov 2019 17:45
Operator : SY/VA
Sample : K6089-19
Misc : 5.99G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId :

Quant Time: Nov 30 04:14:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis
QLast Update : Sat Nov 30 04:10:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	285588	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	270520	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	132355	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	62278	13.67	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 54.68%			
7) Chloroethane-d5	2.89	69	63854	17.29	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 69.16%			
10) 1,1-Dichloroethene-d2	4.01	63	107980	11.55	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 46.20%			
20) 2-Butanone-d5	7.07	46	63055	47.63	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 95.26%			
24) Chloroform-d	7.65	84	190021	21.64	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 86.56%			
26) 1,2-Dichloroethane-d4	8.30	65	100891	22.85	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 91.40%			
29) Benzene-d6	8.27	84	367248	19.13	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 76.52%			
33) 1,2-Dichloropropane-d6	9.27	67	119580	21.27	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 85.08%			
37) Toluene-d8	10.32	98	321014	17.64	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 70.56%			
38) trans-1,3-Dichloropropene-	10.58	79	41703	17.32	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 69.28%			
39) 2-Hexanone-d5	10.92	63	46531	43.64	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 87.28%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	102347	24.11	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 96.44%			
61) 1,2-Dichlorobenzene-d4	13.85	152	112475	21.15	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 84.60%			
Target Compounds						Qvalue
16) Methylene chloride	4.92	84	8990	1.635	ug/L	90
36) Methylcyclohexane	9.27	83	29914	3.152	ug/L #	19
42) cis-1,3-Dichloropropene	10.03	75	2456	0.326	ug/L #	68
59) 1,2,3-Trichloropropane	13.55	75	14034	4.554	ug/L	95

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

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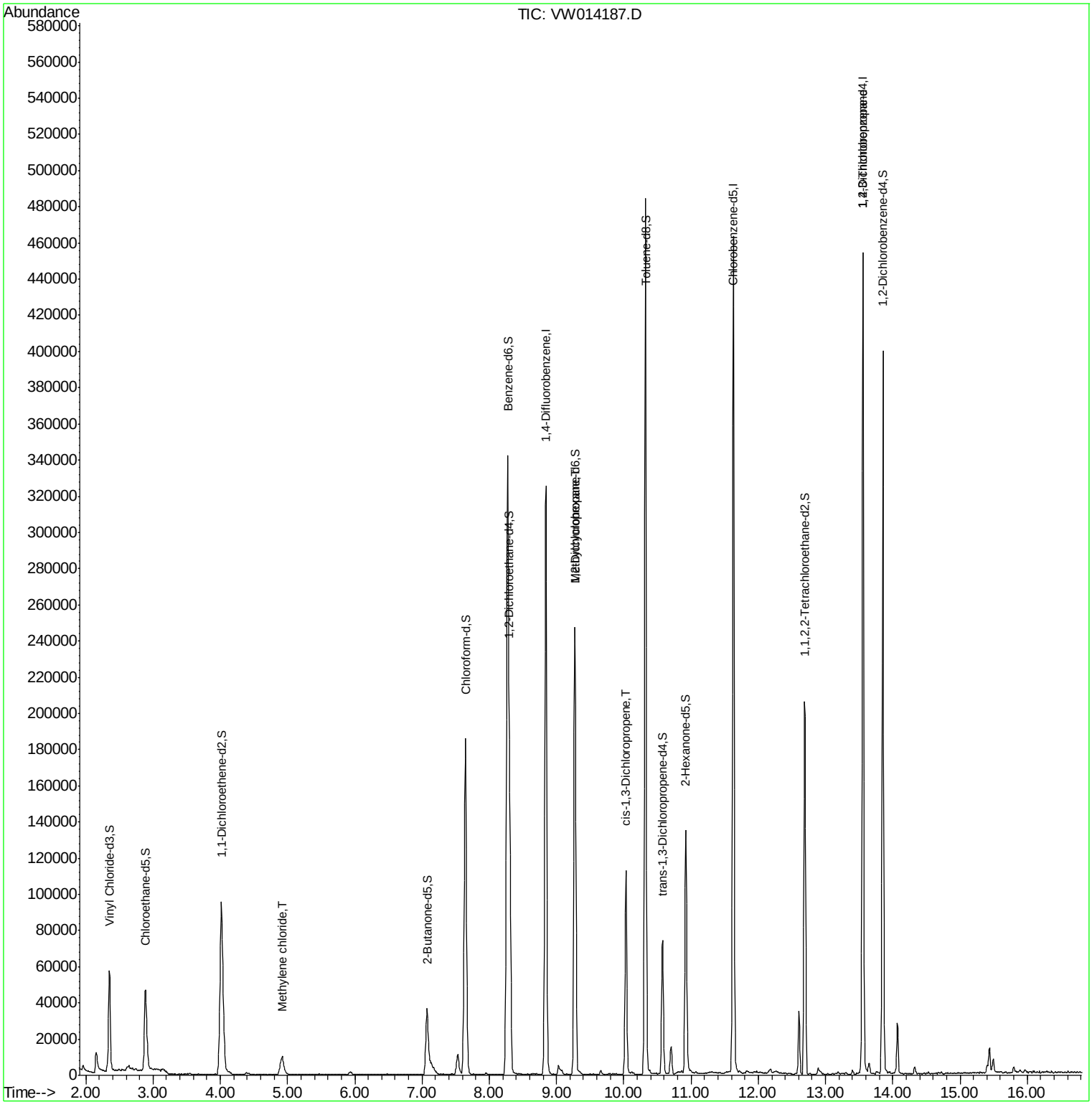
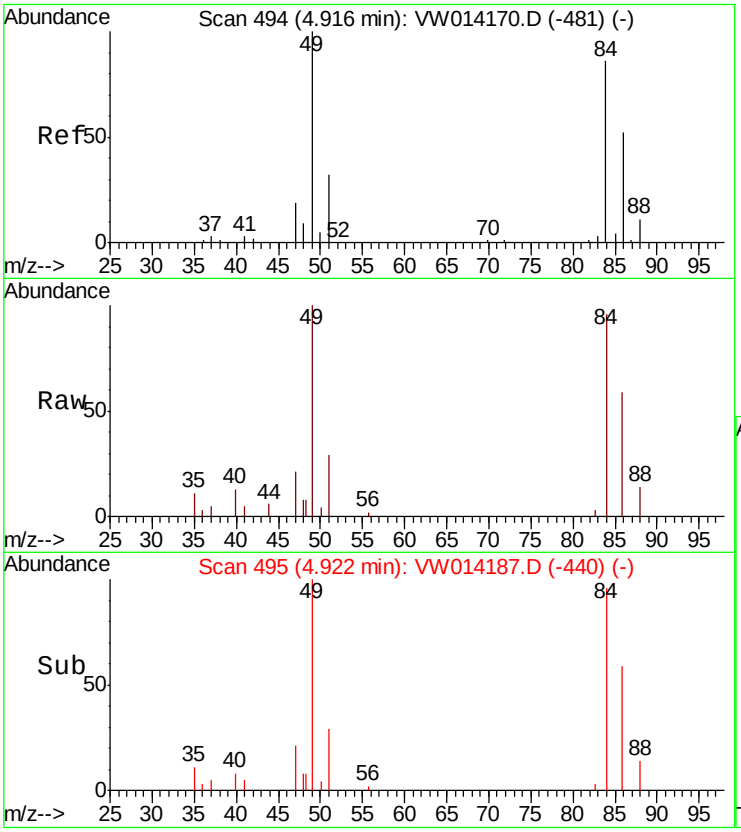


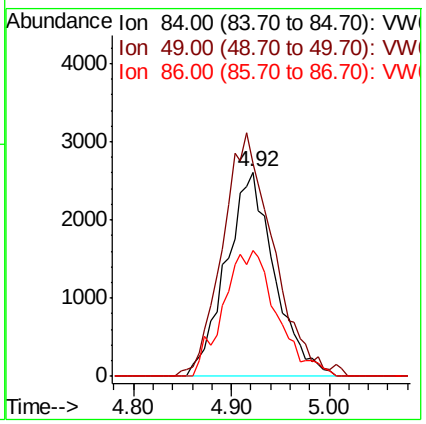


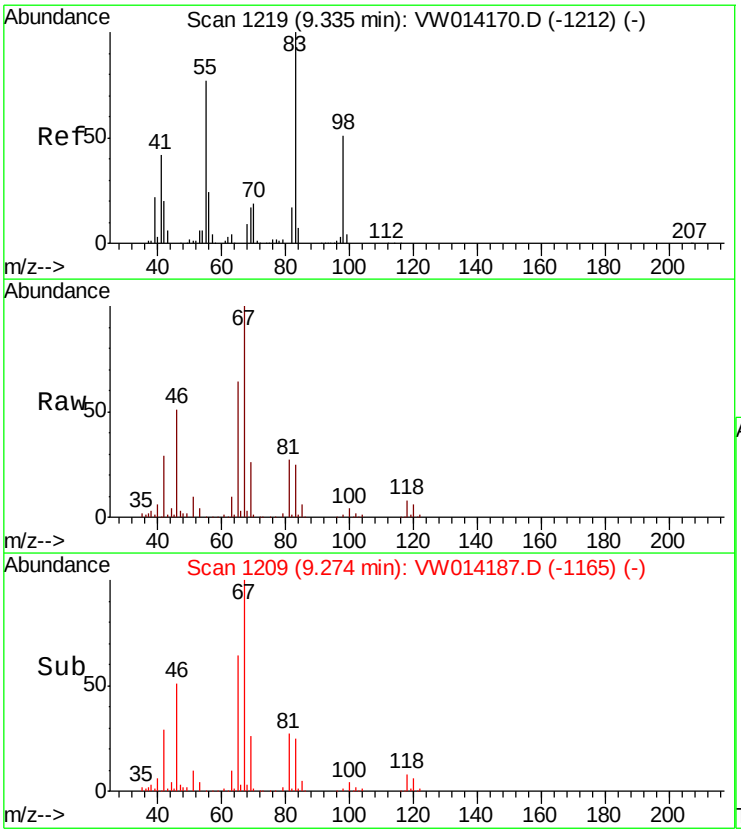
#16
Methylene chloride
Concen: 1.635 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW014187.D
Acq: 29 Nov 2019 17:45

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 84 Resp: 8990

Ion	Ratio	Lower	Upper
84	100		
49	104.5	84.2	156.4
86	61.7	43.7	81.1

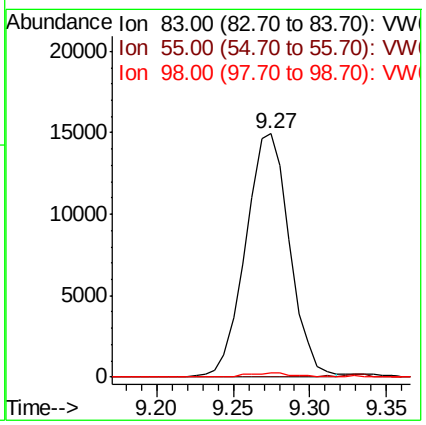


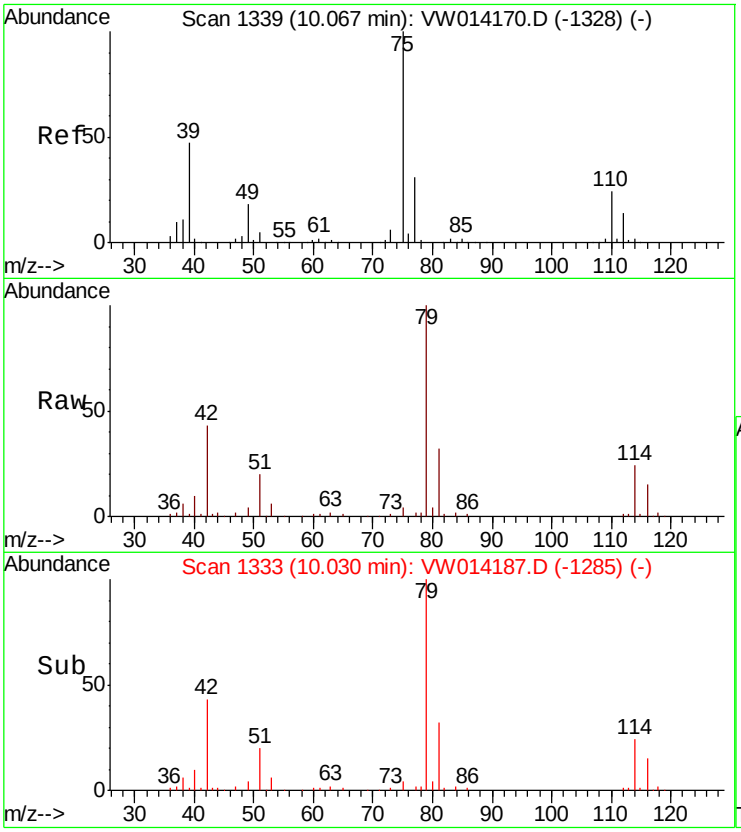


#36
Methylcyclohexane
Concen: 3.152 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW014187.D
Acq: 29 Nov 2019 17:45

Tgt Ion: 83 Resp: 29914

Ion	Ratio	Lower	Upper
83	100		
55	0.1	59.8	89.8#
98	0.8	39.5	59.3#



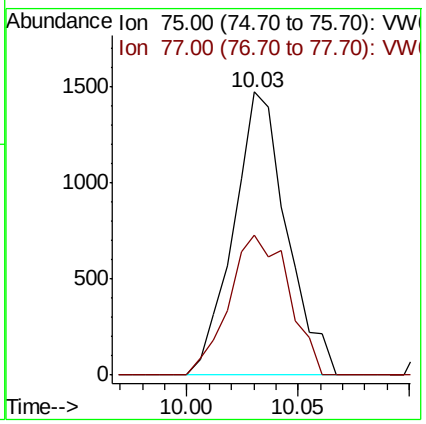


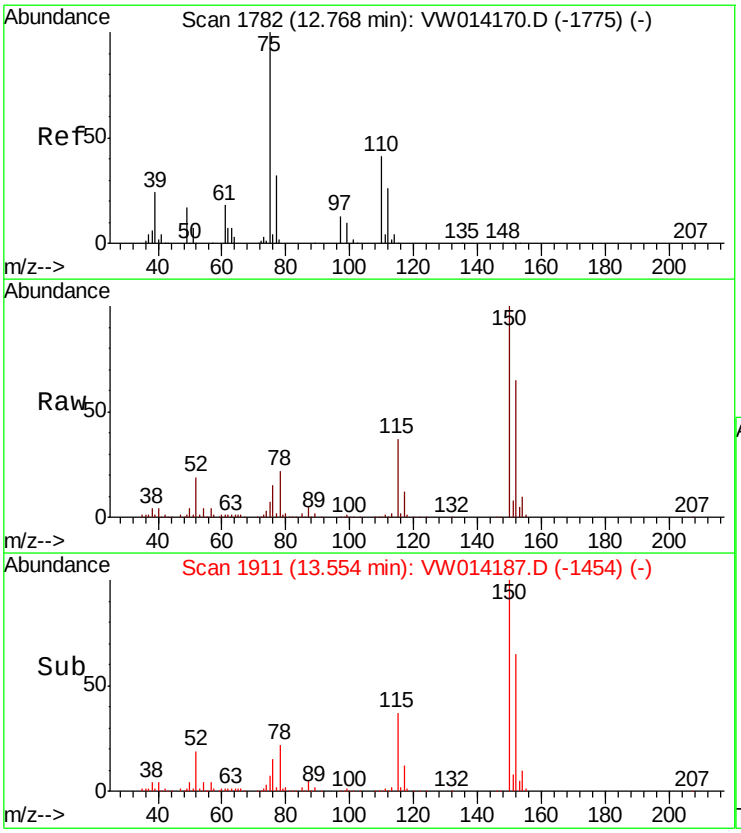
#42
cis-1,3-Dichloropropene
Concen: 0.326 ug/L
RT: 10.03 min Scan# 1333
Delta R.T. -0.04 min
Lab File: VW014187.D
Acq: 29 Nov 2019 17:45

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 75 Resp: 2456

Ion	Ratio	Lower	Upper
75	100		
77	49.6	22.1	41.1#





#59
1,2,3-Trichloropropane
Concen: 4.554 ug/L
RT: 13.55 min Scan# 1911
Delta R.T. 0.79 min
Lab File: VW014187.D
Acq: 29 Nov 2019 17:45

Tgt Ion: 75 Resp: 14034

Ion	Ratio	Lower	Upper
75	100		
77	35.2	25.9	38.9