Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011620\
Data File : VW014669.D
Acq On : 16 Jan 2020 13:36
Operator : SY/VA
Sample : L1118-12
Misc : 5.05G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GASK3

Quant Time: Jan 17 02:57:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis
QLast Update : Fri Jan 17 01:19:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1046290	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	969932	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	464705	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	284692	19.30	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 77.20%			
7) Chloroethane-d5	2.89	69	232228	21.37	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 85.48%			
10) 1,1-Dichloroethene-d2	4.01	63	419316	15.54	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 62.16%			
20) 2-Butanone-d5	7.07	46	159950	45.57	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 91.14%			
24) Chloroform-d	7.65	84	542234	22.53	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 90.12%			
26) 1,2-Dichloroethane-d4	8.30	65	298566	23.90	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.60%			
29) Benzene-d6	8.27	84	1175044	22.78	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 91.12%			
33) 1,2-Dichloropropane-d6	9.27	67	367378	23.69	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 94.76%			
37) Toluene-d8	10.32	98	1074951	22.99	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 91.96%			
38) trans-1,3-Dichloropropene-	10.58	79	144214	22.51	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 90.04%			
39) 2-Hexanone-d5	10.92	63	129155	48.71	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 97.42%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	273163	23.46	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 93.84%			
61) 1,2-Dichlorobenzene-d4	13.85	152	377740	24.67	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 98.68%			

Target Compounds						Qvalue
13) Acetone	4.12	43	17626	3.627	ug/L	100
16) Methylene chloride	4.91	84	33703	1.975	ug/L	98
54) m,p-Xylene	11.83	106	9629	0.379	ug/L	90
55) o-xylene	12.16	106	6769	0.282	ug/L	90

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

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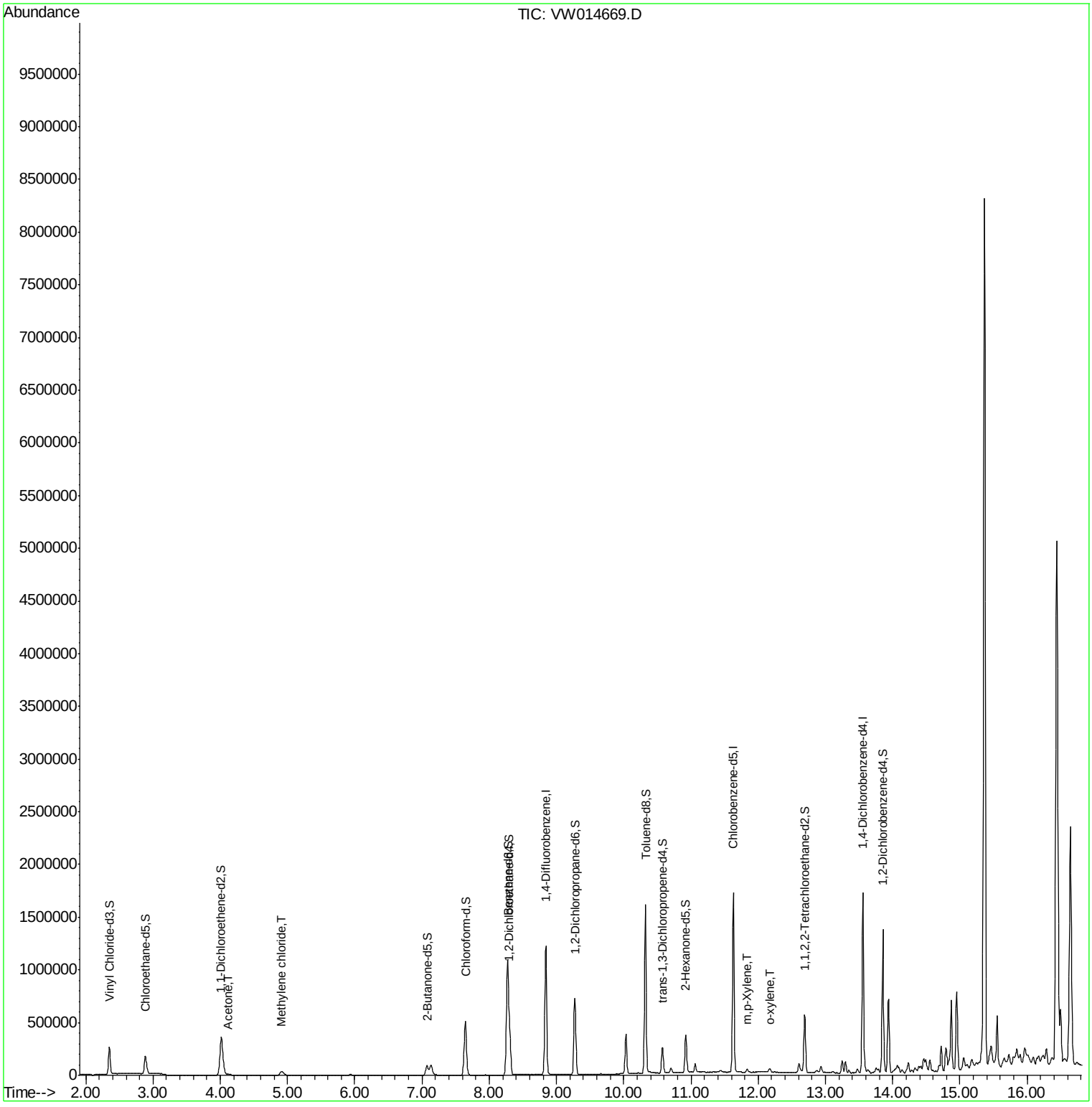
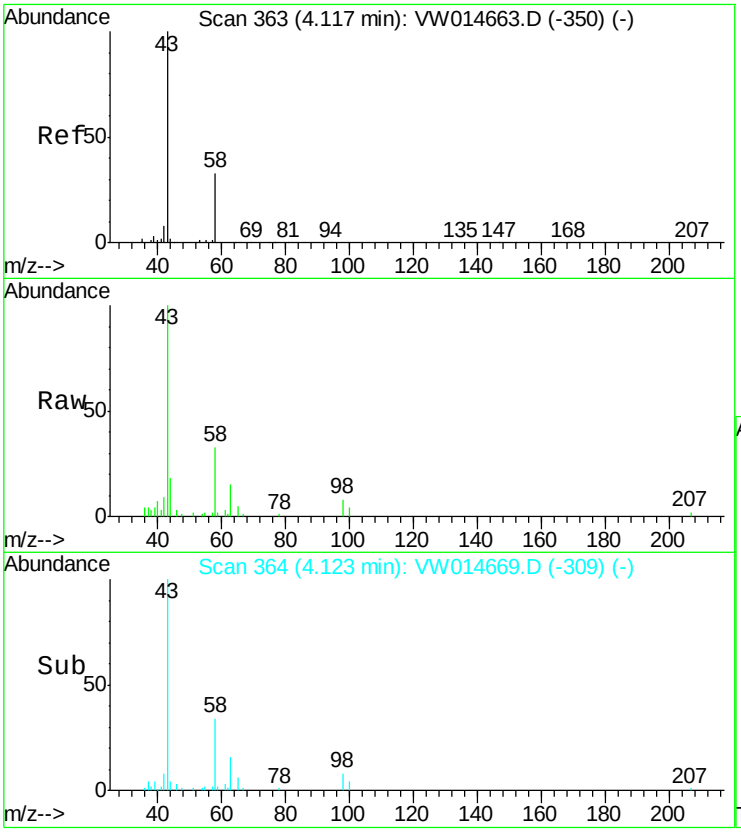


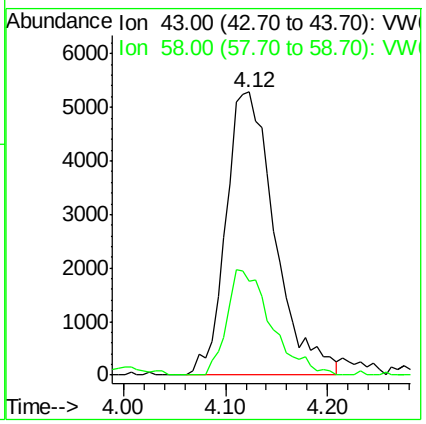


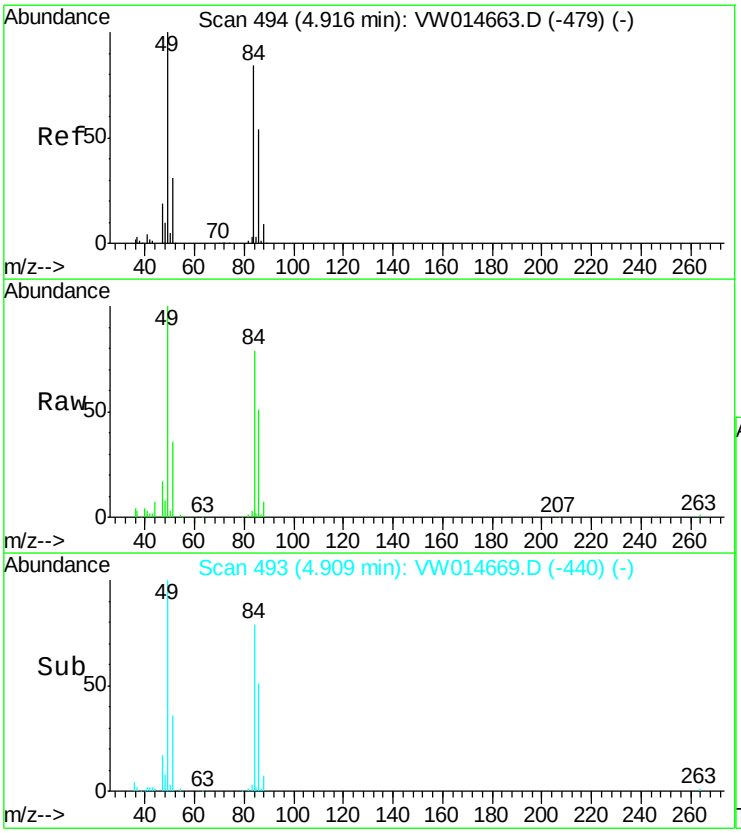
#13
Acetone
Concen: 3.627 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW014669.D
Acq: 16 Jan 2020 13:36

Instrument : MSVOA_W
ClientSampleId : GASK3

Tgt Ion: 43 Resp: 17626

Ion	Ratio	Lower	Upper
43	100		
58	31.9	0.0	64.0

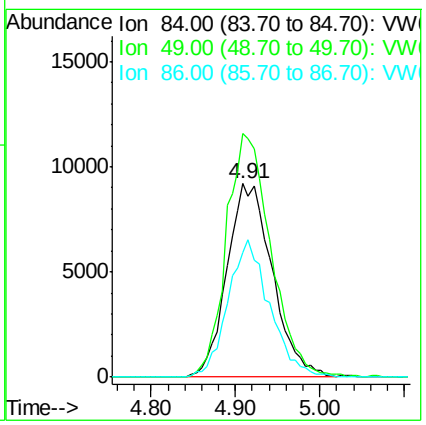


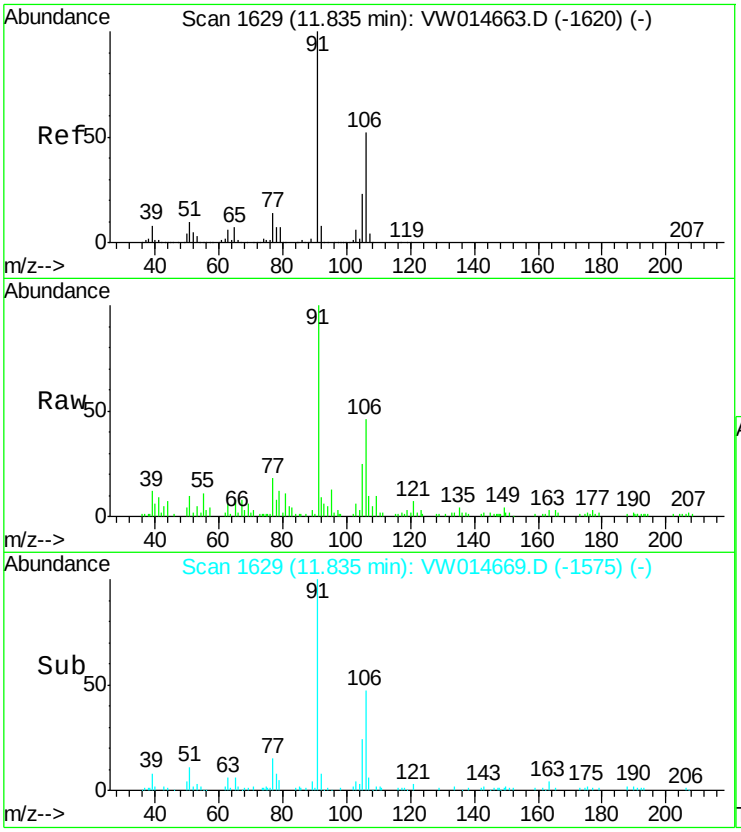


#16
Methylene chloride
Concen: 1.975 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW014669.D
Acq: 16 Jan 2020 13:36

Tgt Ion: 84 Resp: 33703

Ion	Ratio	Lower	Upper
84	100		
49	125.8	85.8	159.4
86	64.4	44.5	82.7



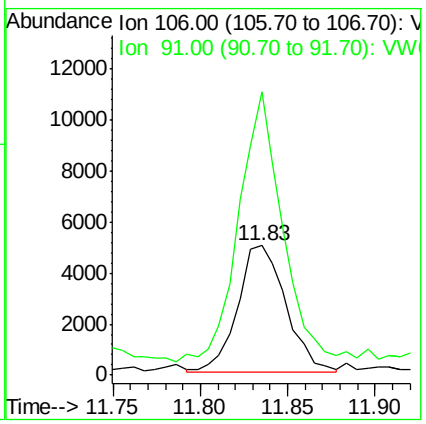


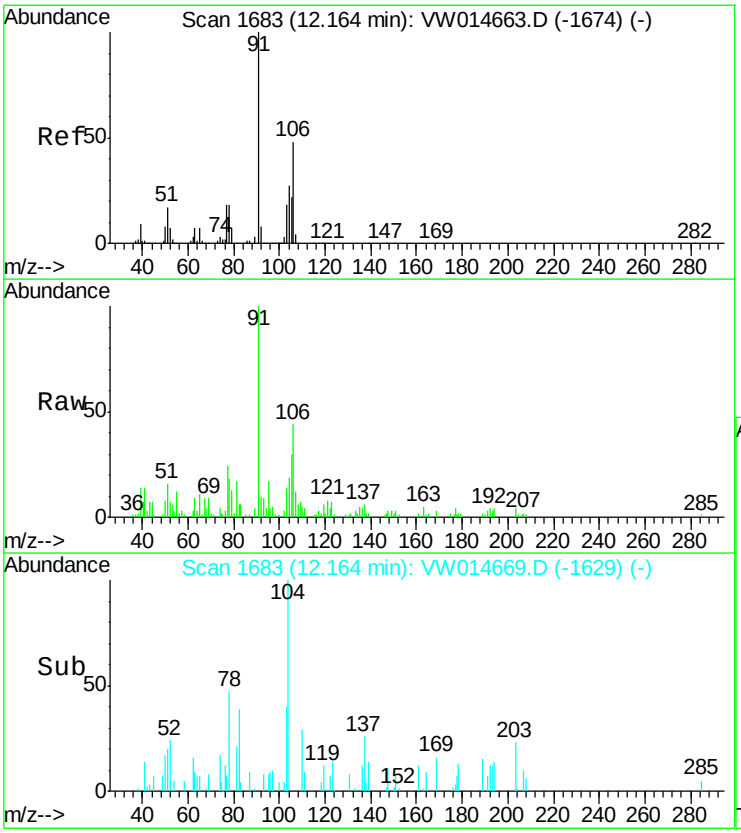
#54
m,p-Xylene
Concen: 0.379 ug/L
RT: 11.83 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VW014669.D
Acq: 16 Jan 2020 13:36

Instrument :
MSVOA_W
ClientSampleId :
GASK3

Tgt Ion:106 Resp: 9629

Ion	Ratio	Lower	Upper
106	100		
91	218.4	142.2	264.0





#55
o-xylene
Concen: 0.282 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW014669.D
Acq: 16 Jan 2020 13:36

Tgt Ion:106 Resp: 6769

Ion	Ratio	Lower	Upper
106	100		
91	228.2	148.7	276.1