Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW052220\
Data File : VW015455.D
Acq On : 22 May 2020 16:39
Operator : SY/VA
Sample : L2754-02
Misc : 10.42G/10.1mL/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAX92

Quant Time: May 23 05:40:40 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM050420S.M
Quant Title : VOC Analysis
QLast Update : Sat May 23 03:53:37 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	353095	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	313921	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	131819	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	55445	12.55	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 50.20%			
7) Chloroethane-d5	2.89	69	67862	15.93	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 63.72%			
10) 1,1-Dichloroethene-d2	4.01	63	106883	11.90	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 47.60%			
20) 2-Butanone-d5	7.08	46	59431	50.37	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 100.74%			
24) Chloroform-d	7.65	84	185102	20.76	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 83.04%			
26) 1,2-Dichloroethane-d4	8.31	65	112337	22.72	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 90.88%			
29) Benzene-d6	8.27	84	354843	20.66	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 82.64%			
33) 1,2-Dichloropropane-d6	9.27	67	113558	21.82	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 87.28%			
37) Toluene-d8	10.32	98	334319	20.24	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 80.96%			
38) trans-1,3-Dichloropropene-	10.58	79	50236	21.20	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 84.80%			
39) 2-Hexanone-d5	10.93	63	50591	52.61	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 105.22%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	91676	23.38	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 93.52%			
61) 1,2-Dichlorobenzene-d4	13.85	152	100565	21.76	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 87.04%			
Target Compounds						Qvalue
13) Acetone	4.12	43	8120	9.087	ug/L	97
34) Benzene	8.32	78	10736	0.585	ug/L	100
44) Toluene	10.39	91	19772	0.985	ug/L	99
47) Tetrachloroethene	10.86	164	10021	2.714	ug/L	97

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

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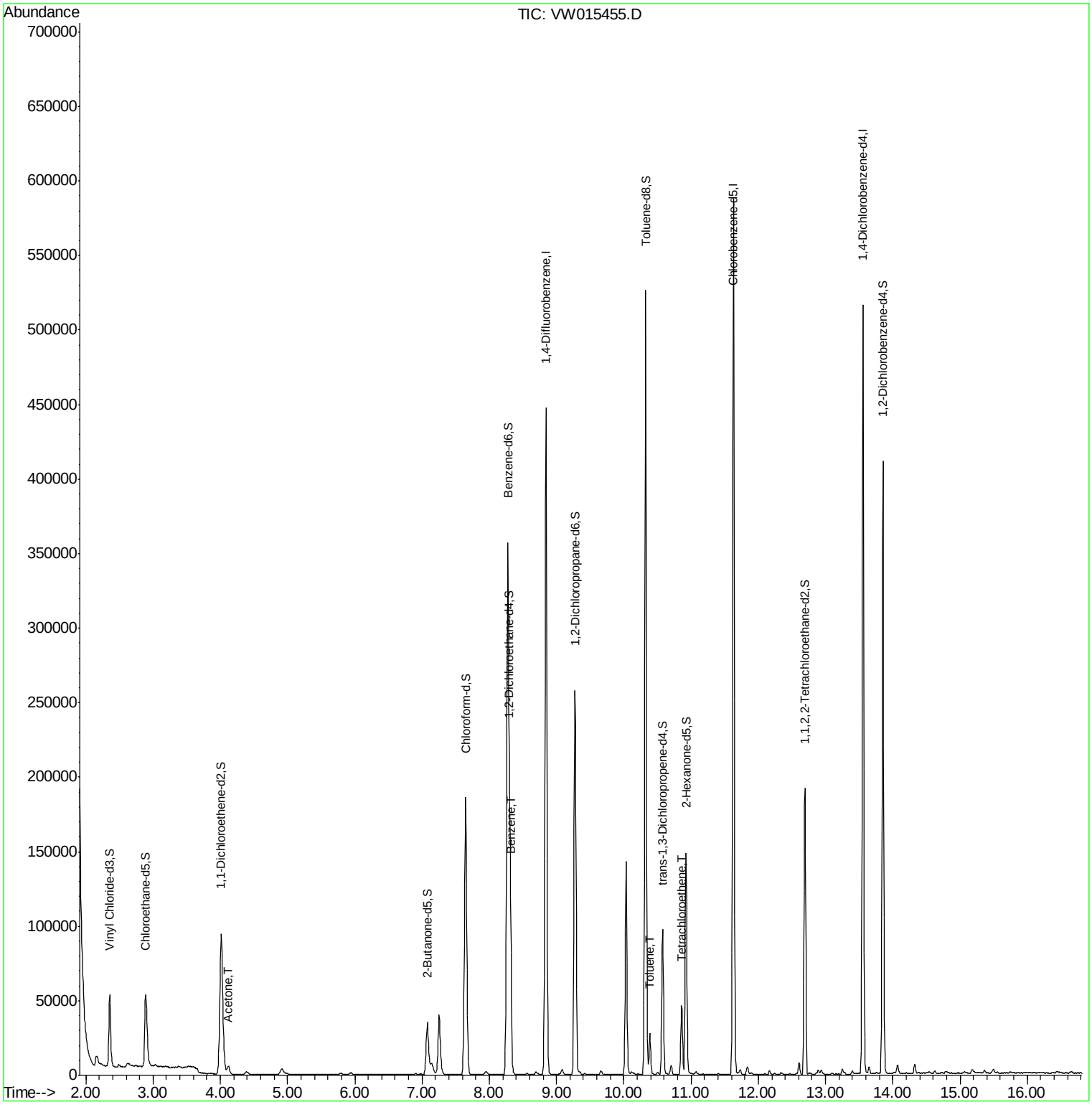
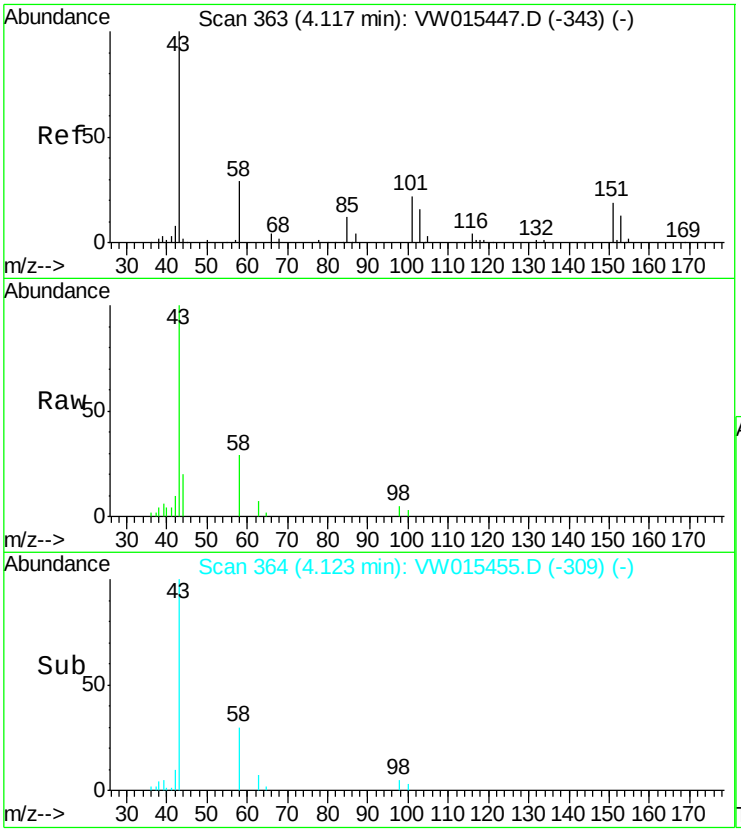


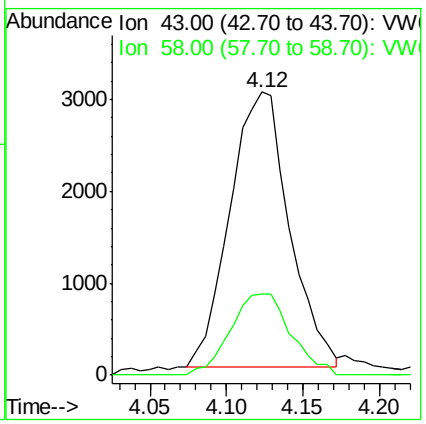


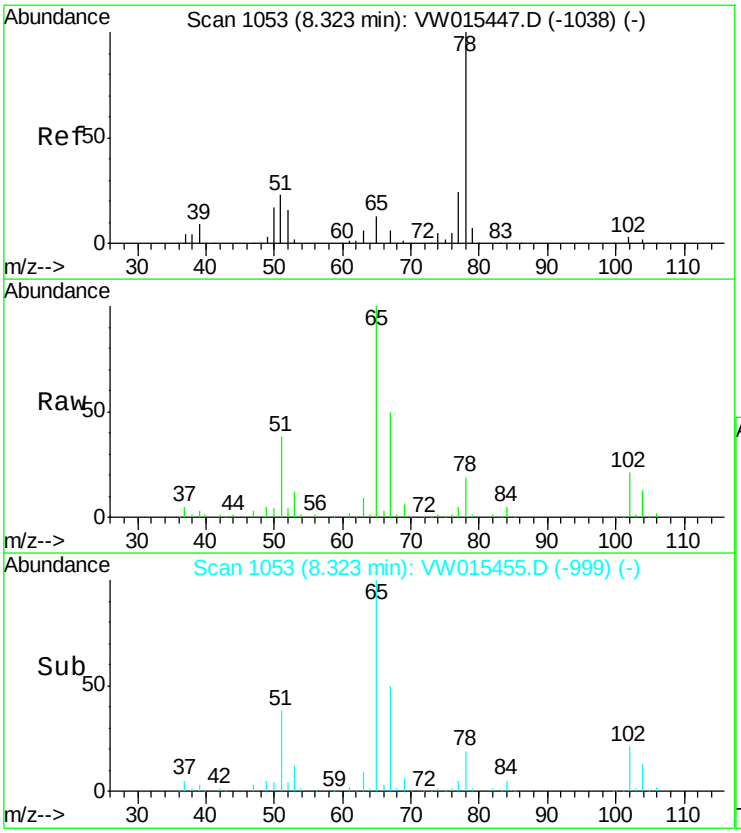
#13
Acetone
Concen: 9.087 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW015455.D
Acq: 22 May 2020 16:39

Instrument :
MSVOA_W
ClientSampleId :
GAX92

Tgt Ion: 43 Resp: 8120

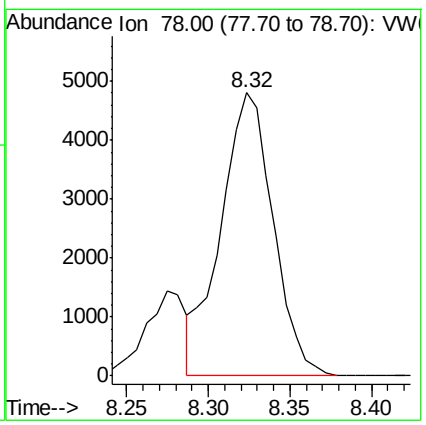
Ion	Ratio	Lower	Upper
43	100		
58	29.9	0.0	57.0

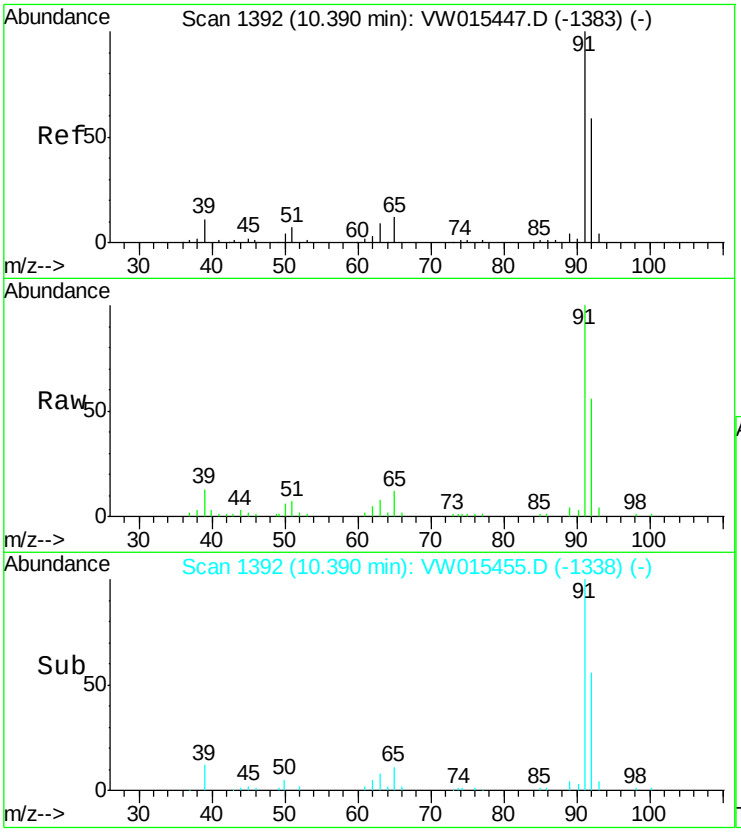




#34
Benzene
Concen: 0.585 ug/L
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW015455.D
Acq: 22 May 2020 16:39

Tgt Ion: 78 Resp: 10736



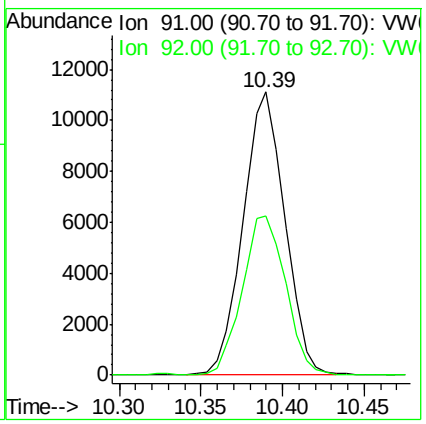


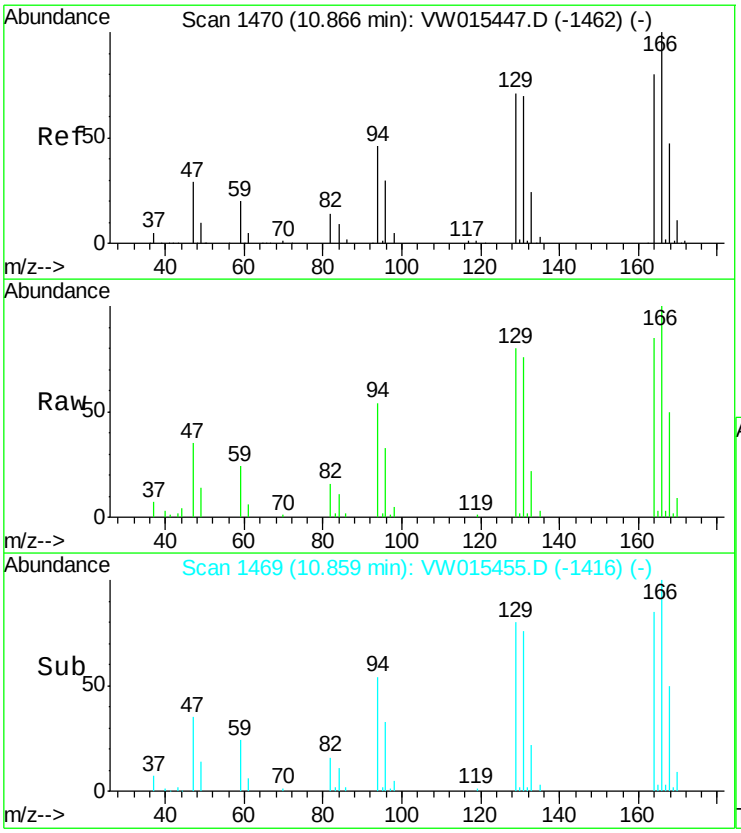
#44
Toluene
Concen: 0.985 ug/L
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW015455.D
Acq: 22 May 2020 16:39

Instrument : MSVOA_W
ClientSampleId : GAX92

Tgt Ion: 91 Resp: 19772

Ion	Ratio	Lower	Upper
91	100		
92	56.1	39.8	74.0





#47
Tetrachloroethene
Concen: 2.714 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW015455.D
Acq: 22 May 2020 16:39

Tgt Ion:164 Resp: 10021

Ion	Ratio	Lower	Upper
164	100		
129	94.2	65.8	122.2
131	89.0	63.7	118.3
166	121.4	88.8	165.0