Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW061719\
Data File : VW010825.D
Acq On : 17 Jun 2019 14:11
Operator : SY/VA
Sample : K3363-06
Misc : 3.62G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 18 07:29:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM061119S.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 18 05:48:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	91901	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	44057	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	9349	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	47552	35.53	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 142.12%			
7) Chloroethane-d5	2.89	69	46649	45.96	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 183.84%#			
10) 1,1-Dichloroethene-d2	4.01	63	65497	23.61	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 94.44%			
20) 2-Butanone-d5	7.09	46	34319	65.35	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 130.70%			
24) Chloroform-d	7.65	84	61630	32.62	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 130.48%			
26) 1,2-Dichloroethane-d4	8.30	65	68786	44.71	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 178.84%#			
29) Benzene-d6	8.27	84	116574	44.32	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 177.28%#			
33) 1,2-Dichloropropane-d6	9.27	67	70956	84.08	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 336.32%#			
37) Toluene-d8	10.32	98	73783	31.22	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 124.88%			
38) trans-1,3-Dichloropropene-	10.58	79	18157	48.05	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 192.20%#			
39) 2-Hexanone-d5	10.93	63	31905	158.24	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 316.48%#			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	46560	65.14	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 260.56%#			
61) 1,2-Dichlorobenzene-d4	13.86	152	7808	21.94	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 87.76%			
Target Compounds						Qvalue
13) Acetone	4.14	43	4695	8.321	ug/L	65
16) Methylene chloride	4.92	84	9974	7.909	ug/L	98
18) trans-1,2-Dichloroethene	5.42	96	6270	5.262	ug/L	95
22) cis-1,2-Dichloroethene	7.16	96	43612	32.167	ug/L	99
35) Trichloroethene	9.09	95	842912	1213.801	ug/L	99
44) Toluene	10.38	91	1934	0.681	ug/L	91
47) Tetrachloroethene	10.86	164	2383	4.579	ug/L	91
54) m,p-Xylene	11.83	106	852	0.728	ug/L	80

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

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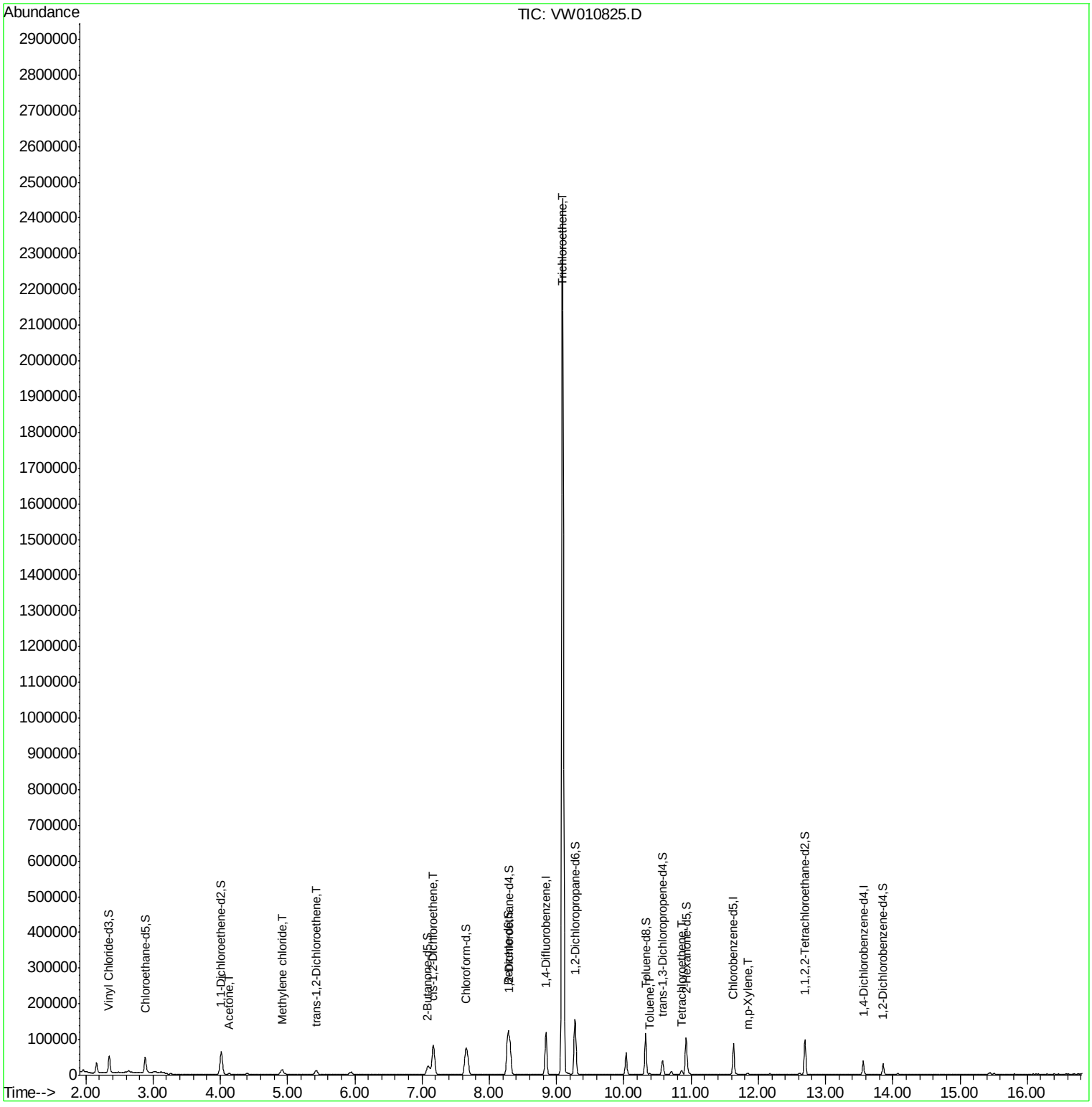
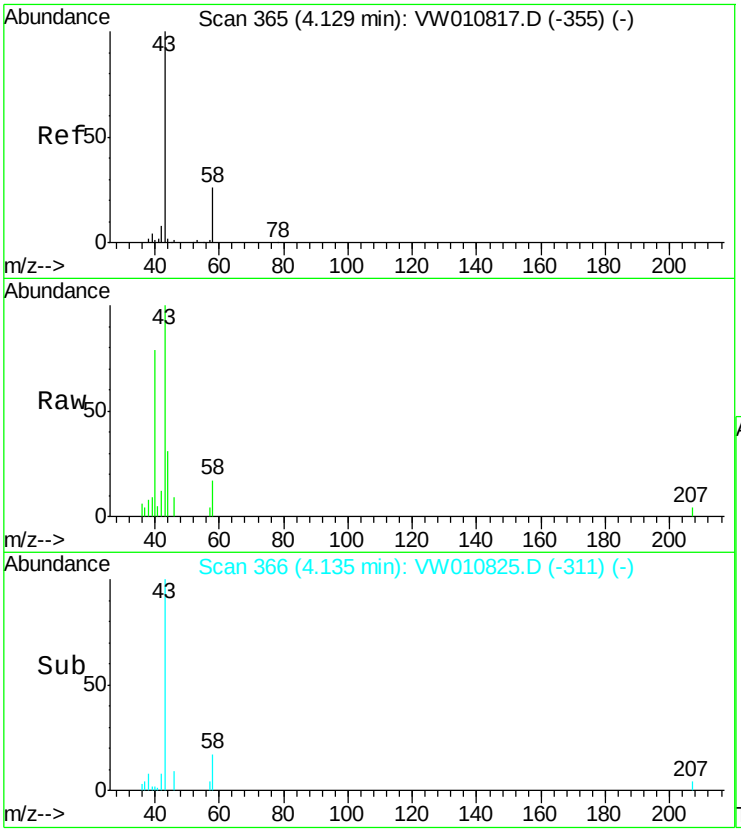
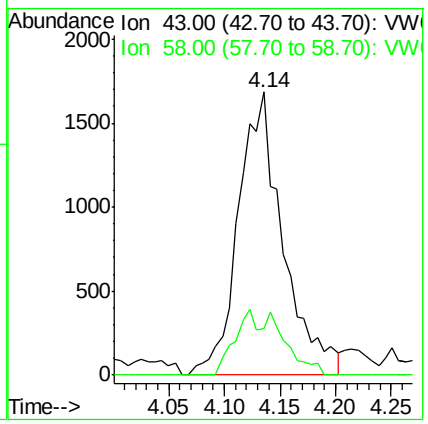


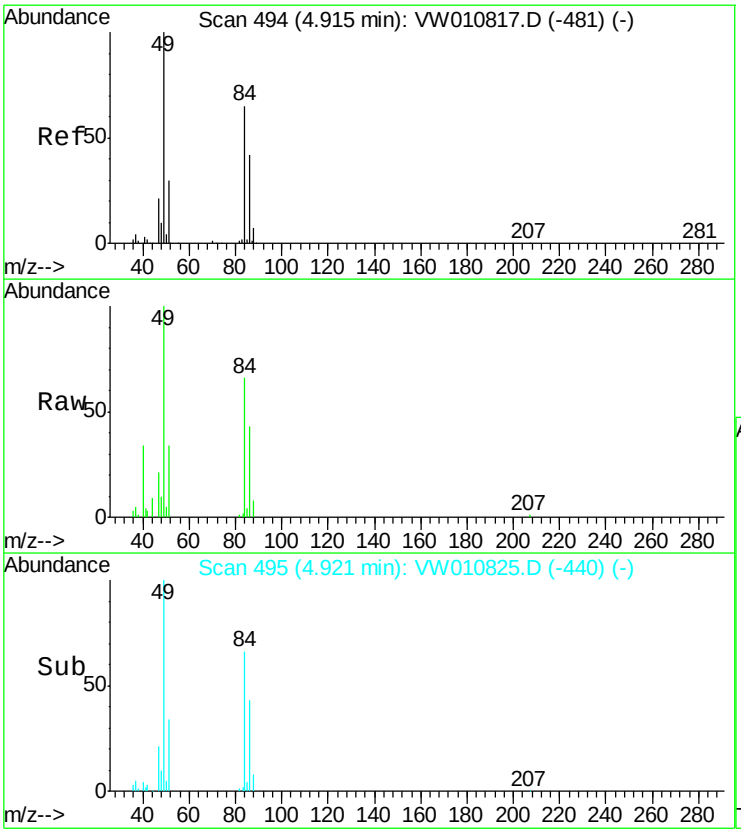


#13
Acetone
Concen: 8.321 ug/L
RT: 4.14 min Scan# 366
Delta R.T. 0.01 min
Lab File: VW010825.D
Acq: 17 Jun 2019 14:11

Tgt Ion: 43 Resp: 4695

Ion	Ratio	Lower	Upper
43	100		
58	9.3	0.0	54.6

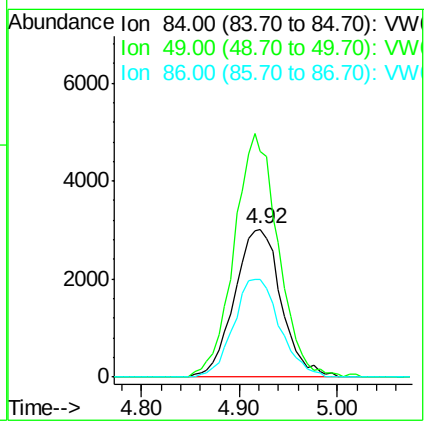


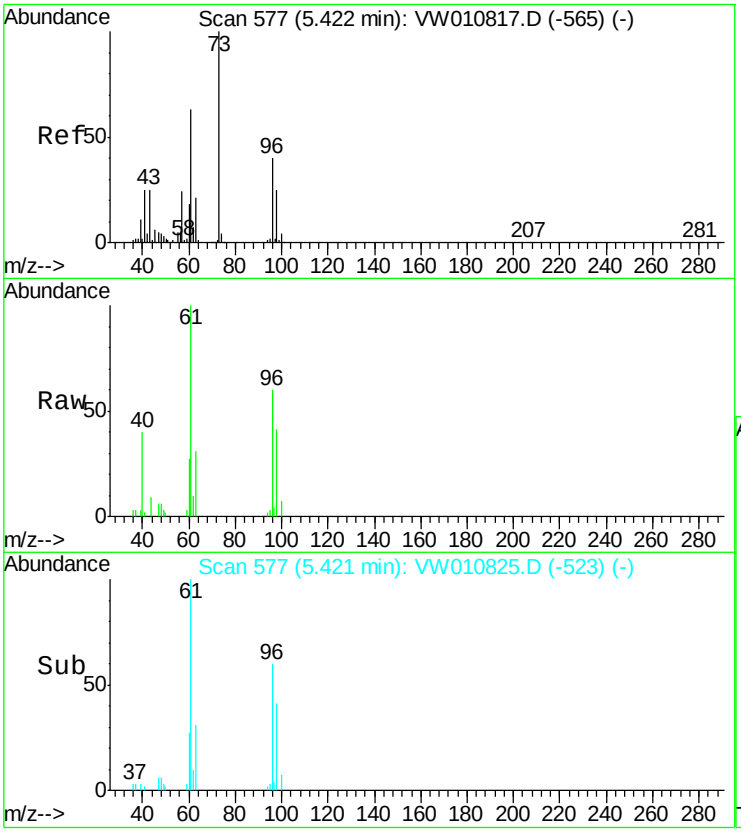


#16
Methylene chloride
Concen: 7.909 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW010825.D
Acq: 17 Jun 2019 14:11

Tgt Ion: 84 Resp: 9974

Ion	Ratio	Lower	Upper
84	100		
49	152.3	105.2	195.4
86	65.9	43.7	81.1

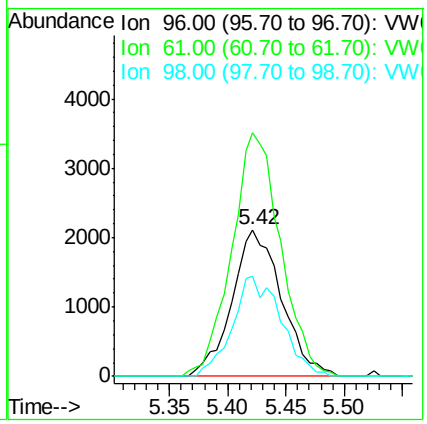


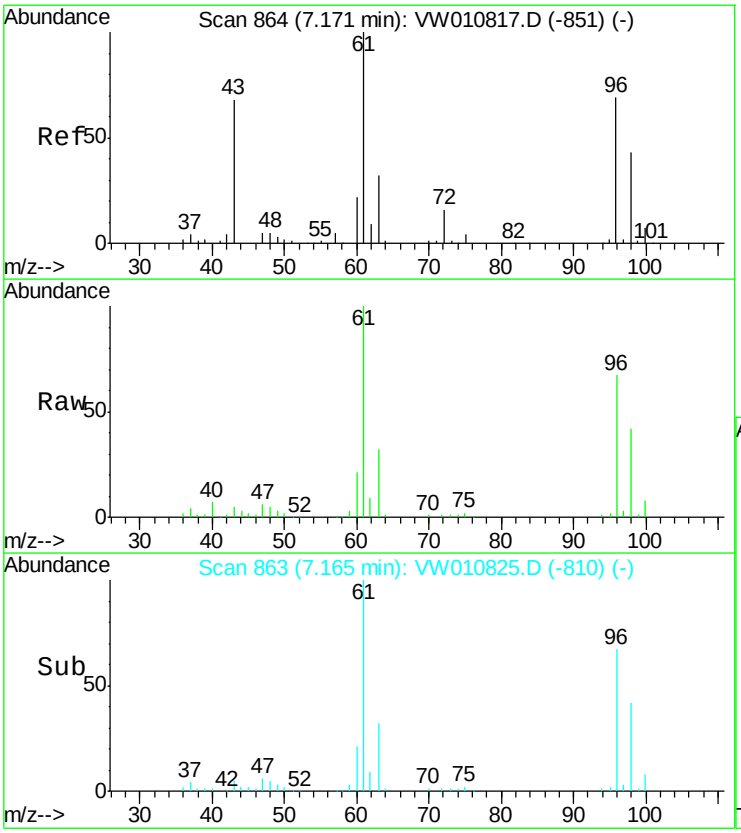


#18
trans-1,2-Dichloroethene
Concen: 5.262 ug/L
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW010825.D
Acq: 17 Jun 2019 14:11

Tgt Ion: 96 Resp: 6270

Ion	Ratio	Lower	Upper
96	100		
61	165.9	111.5	207.1
98	68.1	44.1	81.9

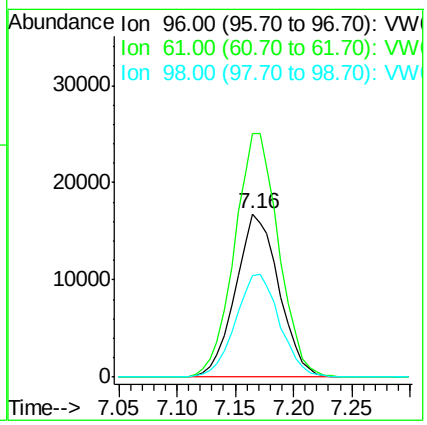


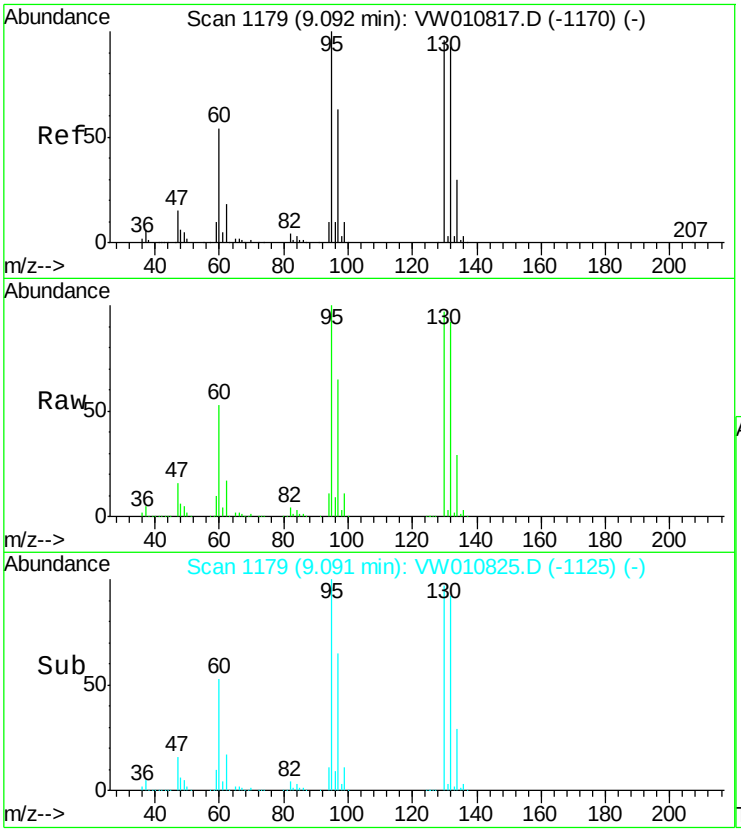


#22
cis-1,2-Dichloroethene
Concen: 32.167 ug/L
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW010825.D
Acq: 17 Jun 2019 14:11

Tgt Ion: 96 Resp: 43612

Ion	Ratio	Lower	Upper
96	100		
61	149.1	105.3	195.6
98	62.0	44.6	82.8

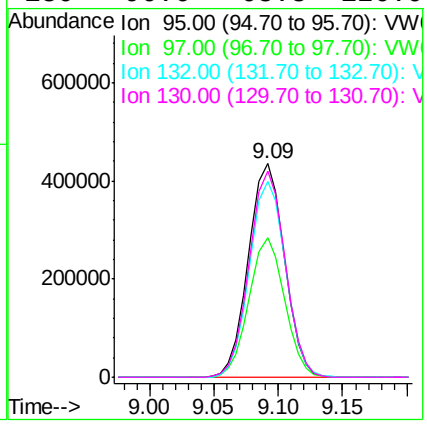


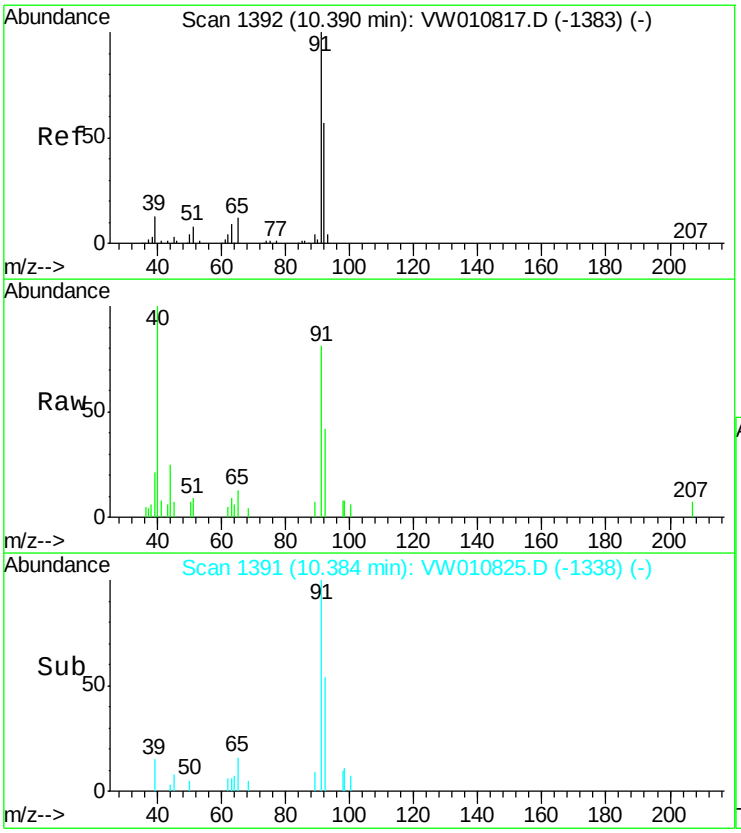


#35
Trichloroethene
Concen: 1213.801 ug/L
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW010825.D
Acq: 17 Jun 2019 14:11

Tgt Ion: 95 Resp: 842912

Ion	Ratio	Lower	Upper
95	100		
97	64.5	45.4	84.2
132	92.1	65.0	120.6
130	96.6	68.3	126.9

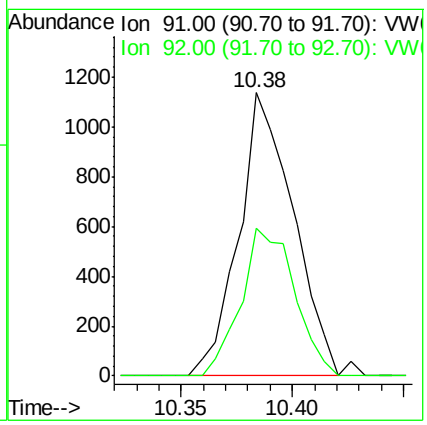


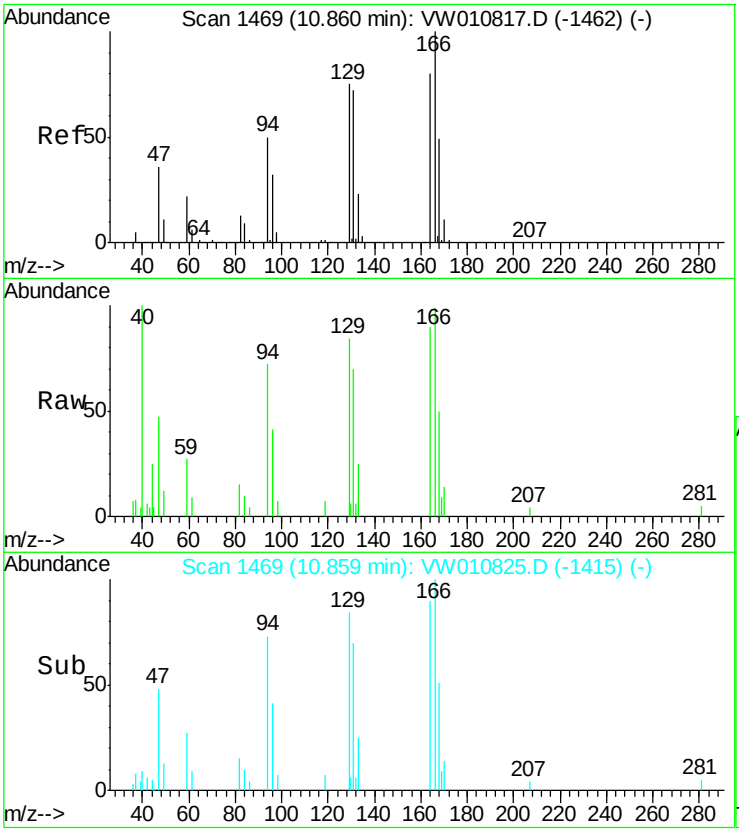


#44
Toluene
Concen: 0.681 ug/L
RT: 10.38 min Scan# 1391
Delta R.T. -0.01 min
Lab File: VW010825.D
Acq: 17 Jun 2019 14:11

Tgt Ion: 91 Resp: 1934

Ion	Ratio	Lower	Upper
91	100		
92	52.0	41.0	76.2

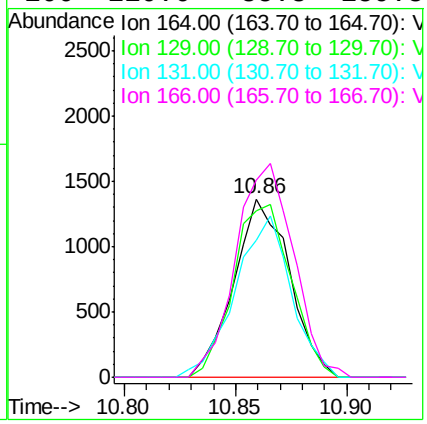


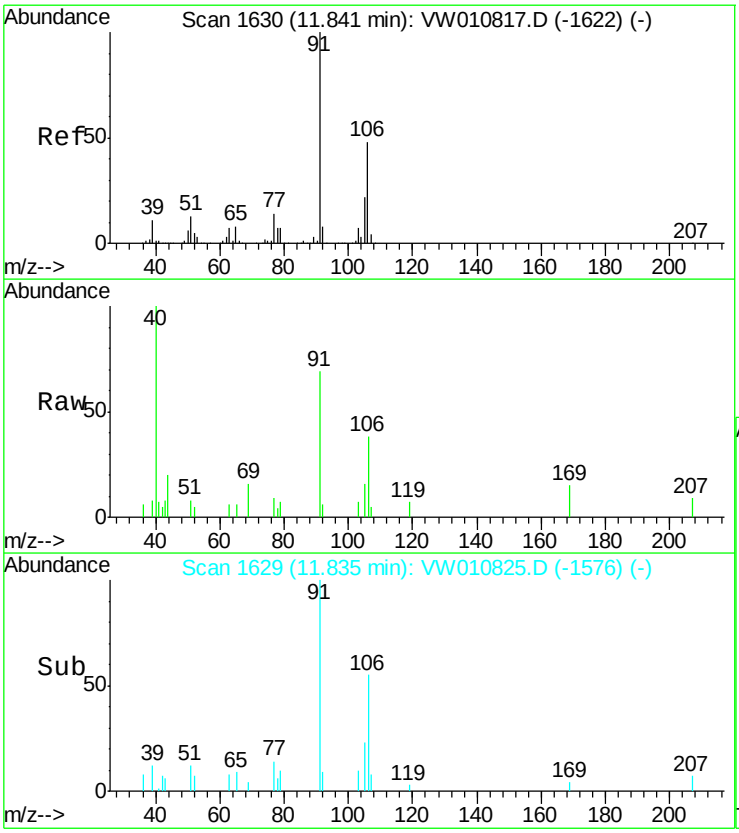


#47
Tetrachloroethene
Concen: 4.579 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW010825.D
Acq: 17 Jun 2019 14:11

Tgt Ion:164 Resp: 2383

Ion	Ratio	Lower	Upper
164	100		
129	93.3	64.5	119.7
131	77.3	63.6	118.0
166	110.6	85.8	159.3





#54
m,p-Xylene
Concen: 0.728 ug/L
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW010825.D
Acq: 17 Jun 2019 14:11

Tgt Ion:106 Resp: 852

Ion	Ratio	Lower	Upper
106	100		
91	180.4	148.7	276.1