Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100518\

Quantitation Report (Not Reviewed)

Data File : VW005859.D
Acq On : 04 Oct 2018 16:53
Operator : SY/AP
Sample : J5251-02MS
Misc : 2.83G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : H2TS3MS

Quant Time: Oct 05 01:16:46 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 05 01:16:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	259657	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	261512	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	122964	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	43006	12.99	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 51.96%			
7) Chloroethane-d5	2.90	69	39842	15.43	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 61.72%			
10) 1,1-Dichloroethene-d2	4.02	63	133103	18.42	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 73.68%			
20) 2-Butanone-d5	7.09	46	42027	39.55	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 79.10%			
24) Chloroform-d	7.65	84	139664	20.94	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 83.76%			
26) 1,2-Dichloroethane-d4	8.31	65	84899	21.01	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 84.04%			
29) Benzene-d6	8.28	84	233649	18.05	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 72.20%			
33) 1,2-Dichloropropane-d6	9.27	67	70754	18.91	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 75.64%			
37) Toluene-d8	10.33	98	226181	17.70	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 70.80%			
38) trans-1,3-Dichloropropene-	10.58	79	36593	18.62	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 74.48%			
39) 2-Hexanone-d5	10.93	63	32812	37.45	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 74.90%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	72185	19.86	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 79.44%			
61) 1,2-Dichlorobenzene-d4	13.86	152	92522	21.27	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 85.08%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.04	96	95096	28.207	ug/L	88
13) Acetone	4.13	43	2733	2.470	ug/L	73
34) Benzene	8.32	78	414582	28.057	ug/L	100
35) Trichloroethene	9.10	95	105207	26.614	ug/L	100
40) 1,2-Dichloropropane	9.28	63	9612	2.669	ug/L #	87
44) Toluene	10.39	91	470712	28.506	ug/L	100
52) Chlorobenzene	11.66	112	305778	28.149	ug/L	98

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

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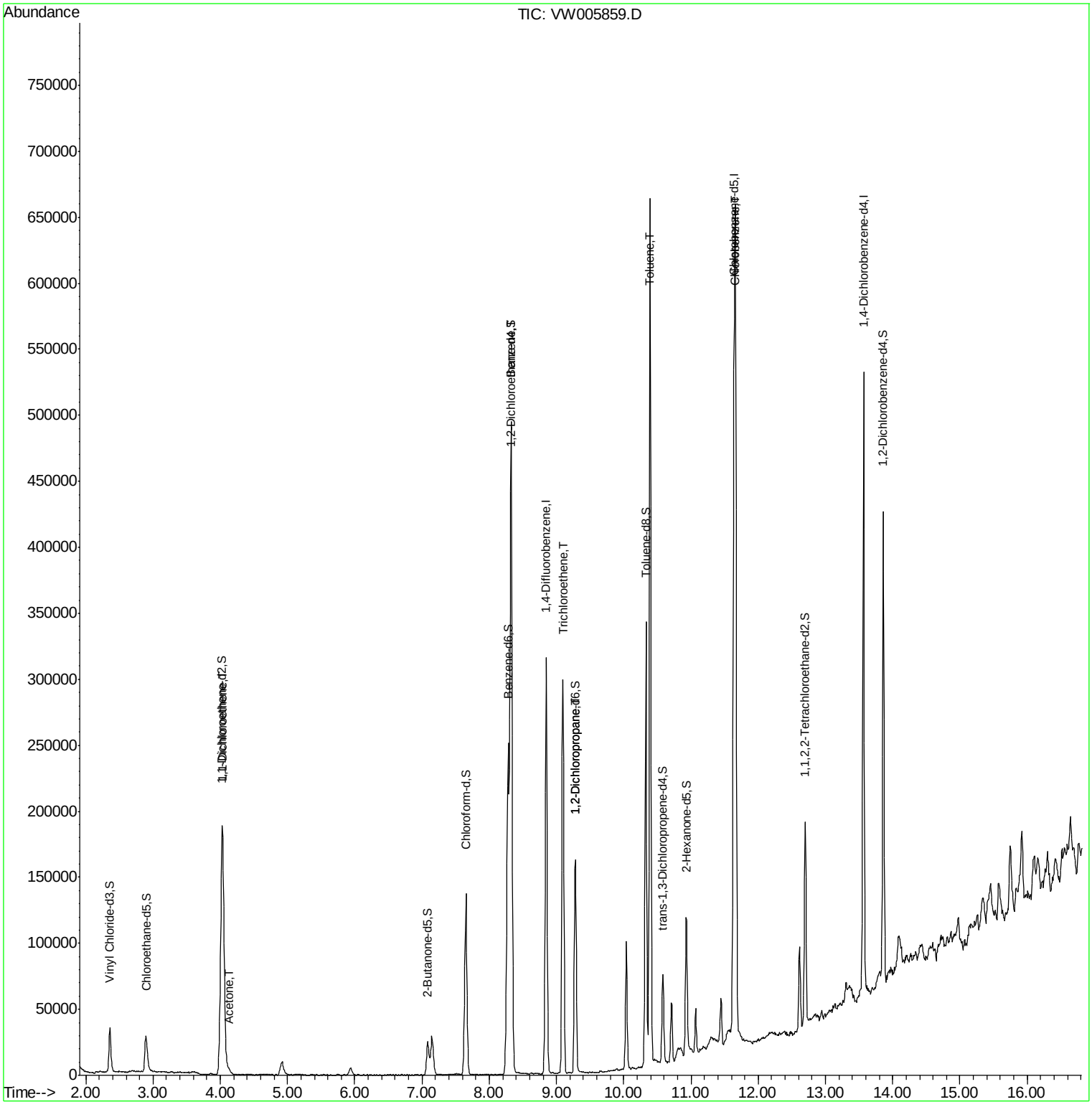
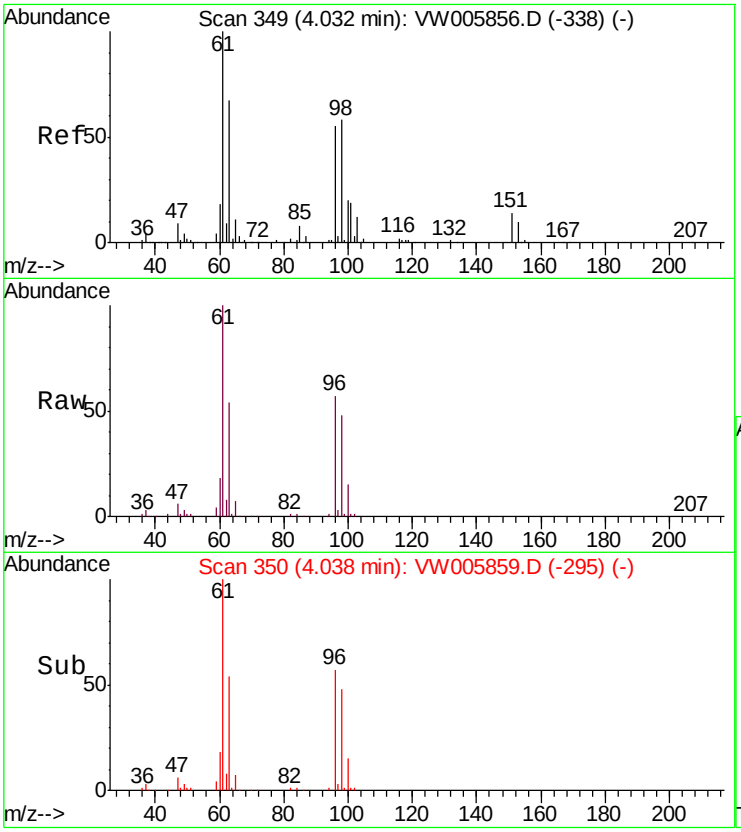


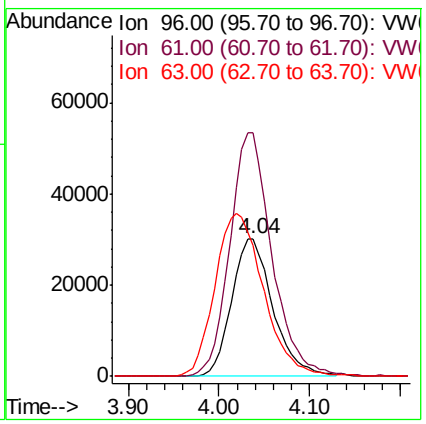


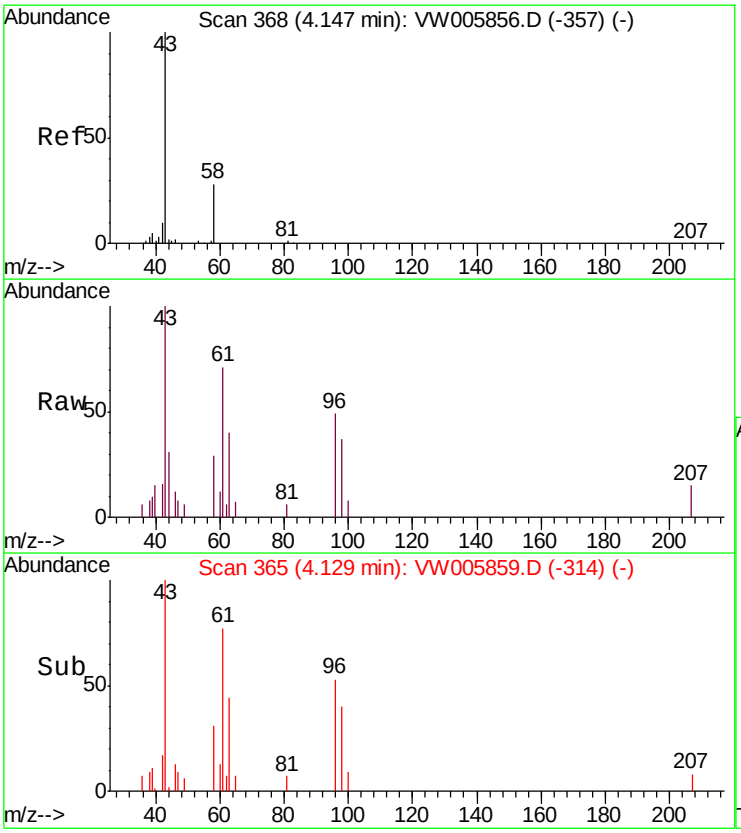
#12
1,1-Dichloroethene
Concen: 28.207 ug/L
RT: 4.04 min Scan# 350
Delta R.T. 0.01 min
Lab File: VW005859.D
Acq: 04 Oct 2018 16:53

Instrument : MSVOA_W
ClientSampleId : H2TS3MS

Tgt Ion: 96 Resp: 95096

Ion	Ratio	Lower	Upper
96	100		
61	176.9	121.4	225.6
63	95.0	87.2	161.9

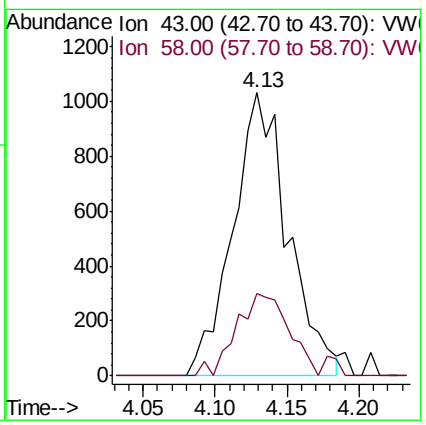


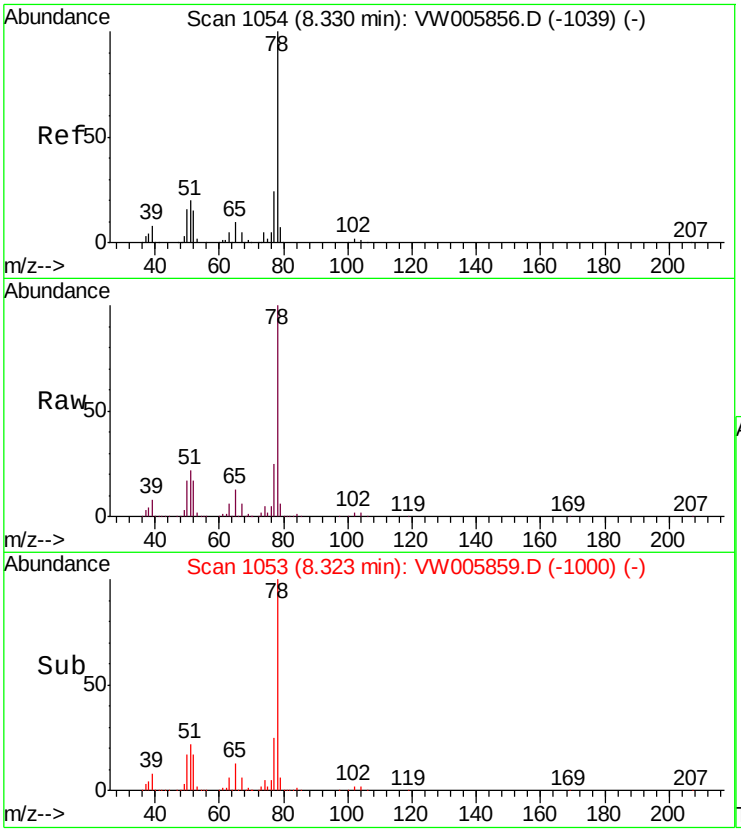


#13
Acetone
Concen: 2.470 ug/L
RT: 4.13 min Scan# 365
Delta R.T. -0.02 min
Lab File: VW005859.D
Acq: 04 Oct 2018 16:53

Tgt Ion: 43 Resp: 2733

Ion	Ratio	Lower	Upper
43	100		
58	27.1	0.0	31.8

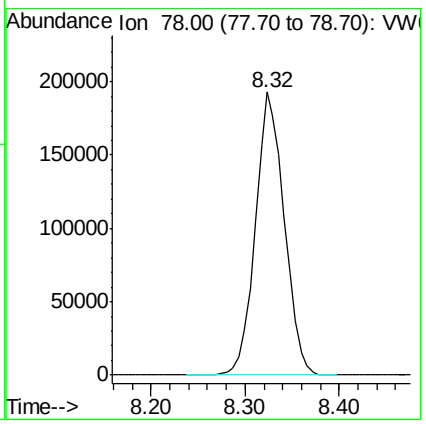


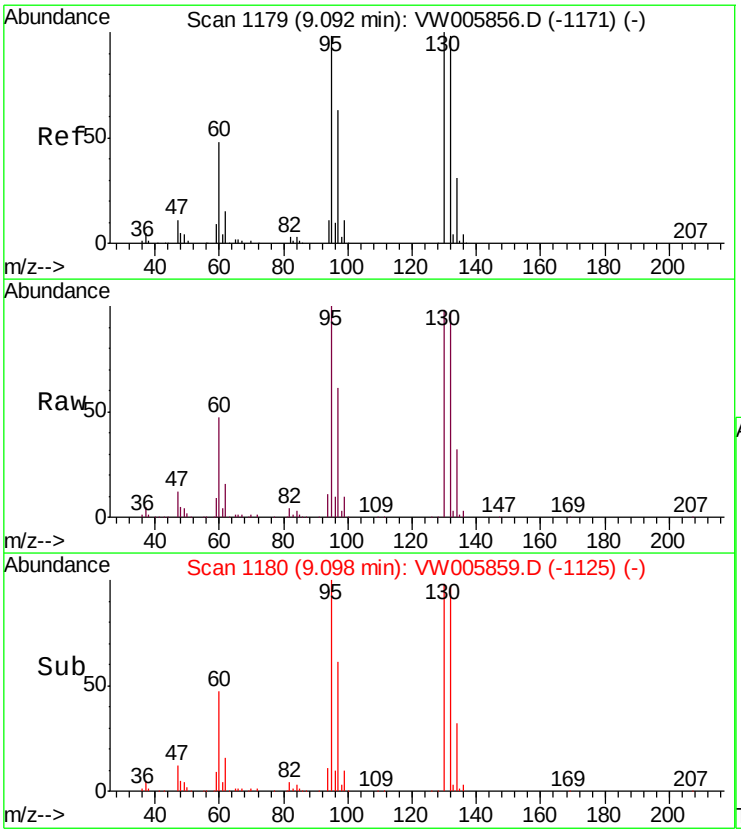


#34
Benzene
Concen: 28.057 ug/L
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW005859.D
Acq: 04 Oct 2018 16:53

Instrument :
MSVOA_W
ClientSampleId :
H2TS3MS

Tgt Ion: 78 Resp: 414582

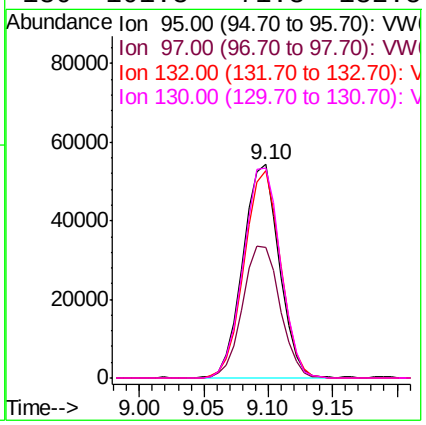


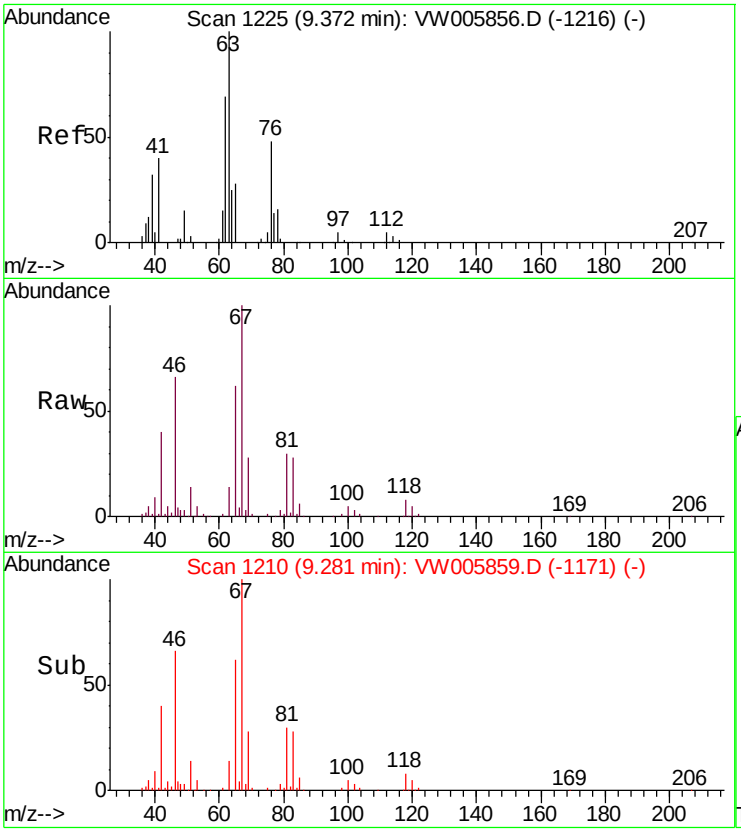


#35
Trichloroethene
Concen: 26.614 ug/L
RT: 9.10 min Scan# 1180
Delta R.T. 0.01 min
Lab File: VW005859.D
Acq: 04 Oct 2018 16:53

Tgt Ion: 95 Resp: 105207

Ion	Ratio	Lower	Upper
95	100		
97	64.3	45.2	84.0
132	97.6	68.0	126.4
130	101.3	71.3	132.5



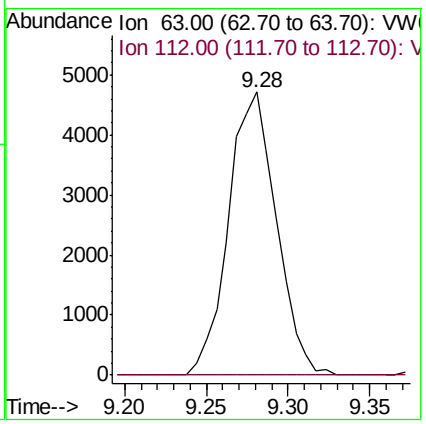


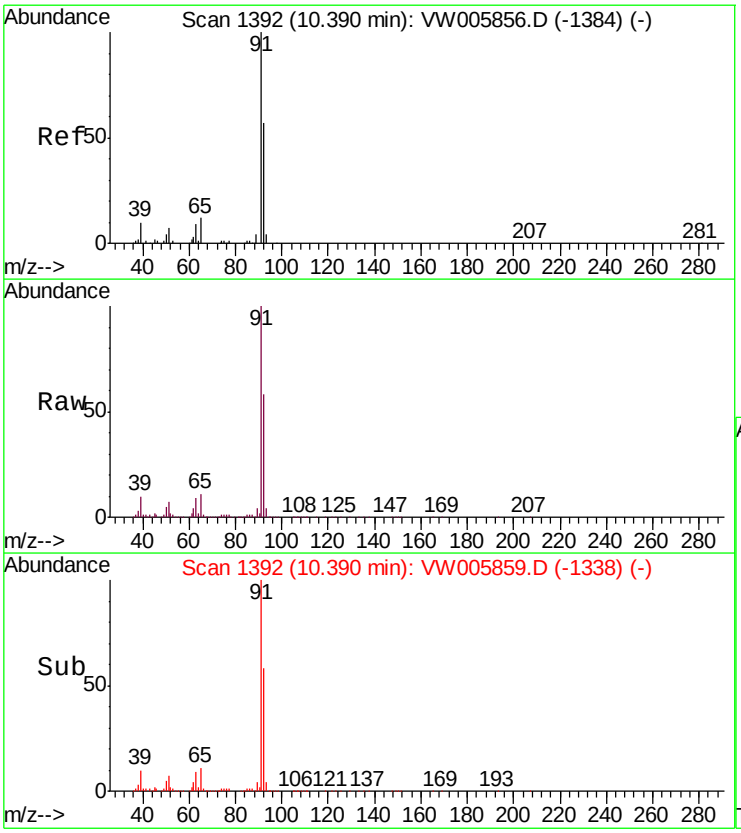
#40
1,2-Dichloropropane
Concen: 2.669 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.09 min
Lab File: VW005859.D
Acq: 04 Oct 2018 16:53

Instrument : MSVOA_W
ClientSampleId : H2TS3MS

Tgt Ion: 63 Resp: 9612

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.2#

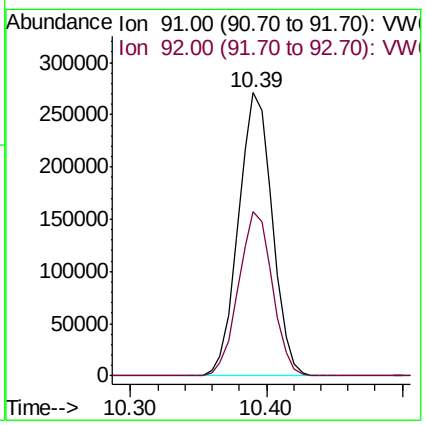


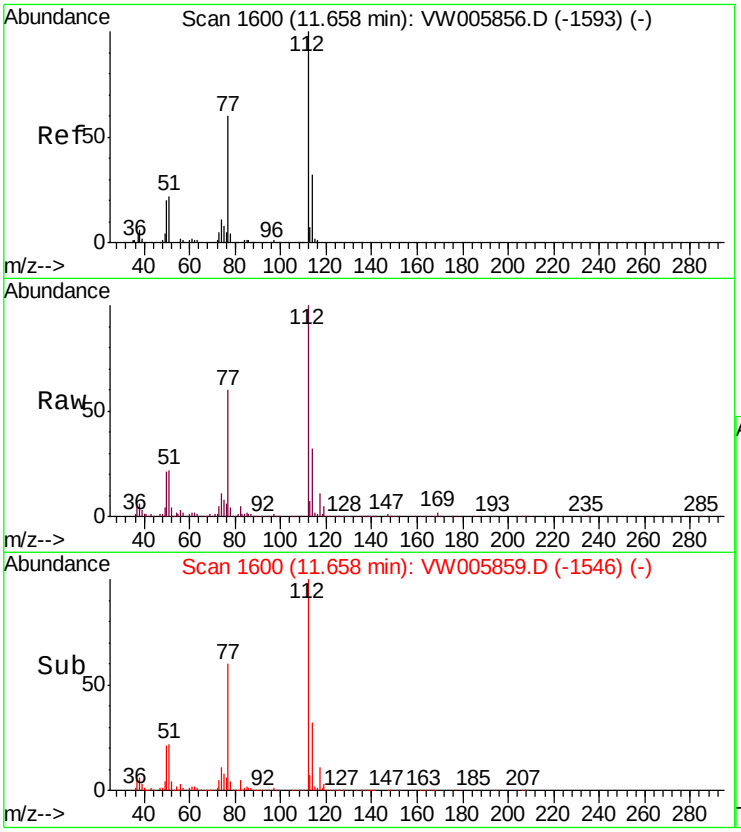


#44
Toluene
Concen: 28.506 ug/L
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW005859.D
Acq: 04 Oct 2018 16:53

Tgt Ion: 91 Resp: 470712

Ion	Ratio	Lower	Upper
91	100		
92	58.0	40.7	75.5





#52
Chlorobenzene
Concen: 28.149 ug/L
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW005859.D
Acq: 04 Oct 2018 16:53

Instrument :
MSVOA_W
ClientSampleId :
H2TS3MS

Tgt Ion:112 Resp: 305778

Ion	Ratio	Lower	Upper
112	100		
77	60.3	46.7	70.1
114	32.0	21.8	40.6