Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121719\
Data File : VW014387.D
Acq On : 17 Dec 2019 12:51
Operator : SY/VA
Sample : K6270-13MS
Misc : 4.92G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETK88MS

Quant Time: Dec 18 01:57:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 18 01:35:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1236648	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1117532	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	514193	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	358112	19.12	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 76.48%			
7) Chloroethane-d5	2.89	69	300109	21.55	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 86.20%			
10) 1,1-Dichloroethene-d2	4.02	63	701964	21.22	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 84.88%			
20) 2-Butanone-d5	7.07	46	226649	46.45	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 92.90%			
24) Chloroform-d	7.64	84	765027	24.30	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 97.20%			
26) 1,2-Dichloroethane-d4	8.31	65	414358	25.10	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.40%			
29) Benzene-d6	8.27	84	1594607	24.35	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 97.40%			
33) 1,2-Dichloropropane-d6	9.27	67	506938	25.16	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 100.64%			
37) Toluene-d8	10.32	98	1408568	23.78	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 95.12%			
38) trans-1,3-Dichloropropene-	10.57	79	198815	23.52	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 94.08%			
39) 2-Hexanone-d5	10.92	63	190199	47.47	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 94.94%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	395259	24.07	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 96.28%			
61) 1,2-Dichlorobenzene-d4	13.85	152	492799	25.08	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.32%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.04	96	314016	19.015	ug/L	83
13) Acetone	4.12	43	19123	4.064	ug/L	91
30) Cyclohexane	7.95	56	30310	1.087	ug/L #	80
34) Benzene	8.32	78	1632464	23.071	ug/L	100
35) Trichloroethene	9.09	95	371479	20.519	ug/L	94
36) Methylcyclohexane	9.33	83	51876	1.705	ug/L #	85
44) Toluene	10.38	91	1911643	25.769	ug/L	98
52) Chlorobenzene	11.65	112	986659	20.579	ug/L	93
53) Ethylbenzene	11.73	91	120617	1.498	ug/L	98
54) m,p-Xylene	11.84	106	70090	2.264	ug/L	92
55) o-xylene	12.16	106	29053	0.989	ug/L	100

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

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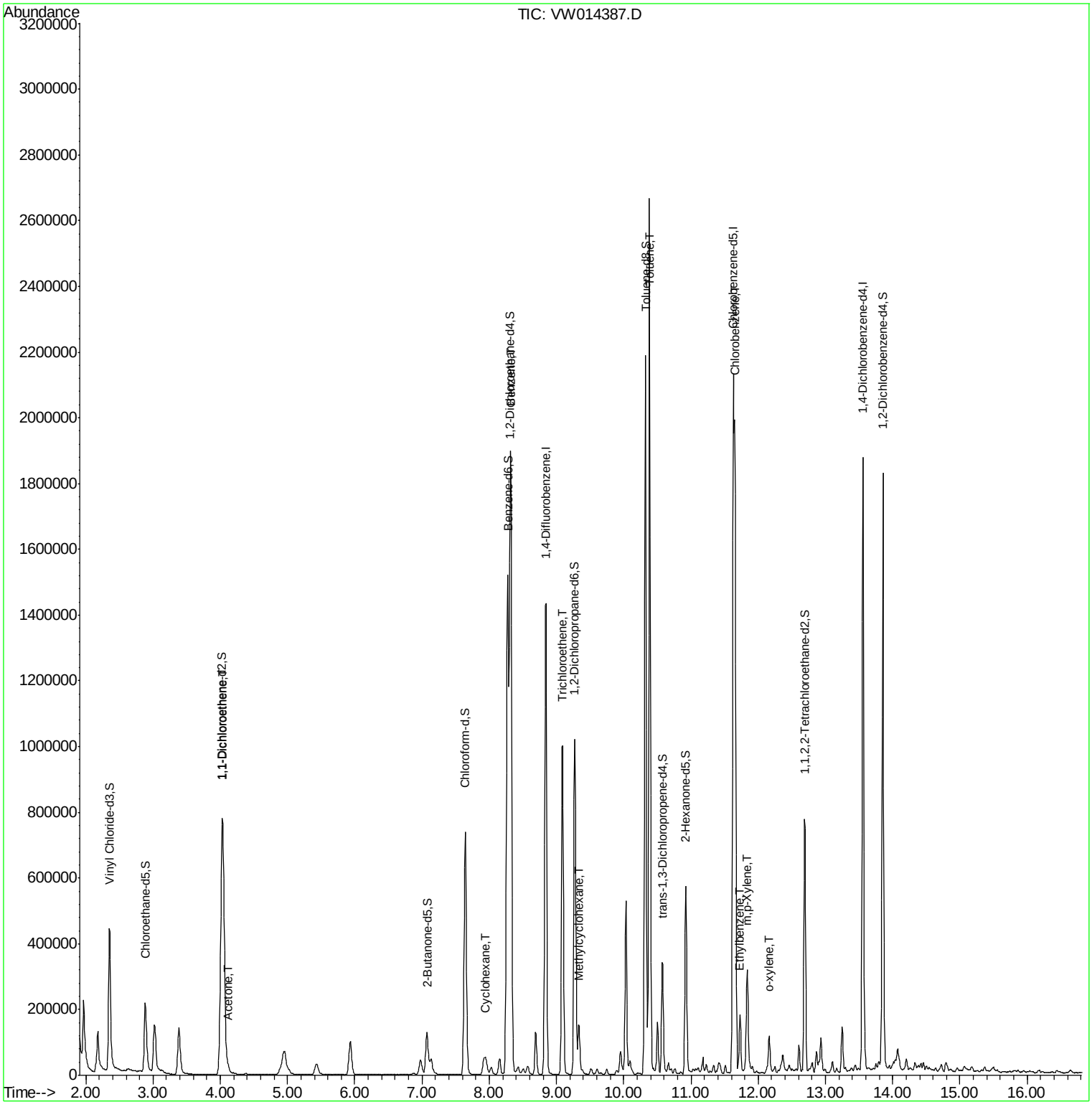
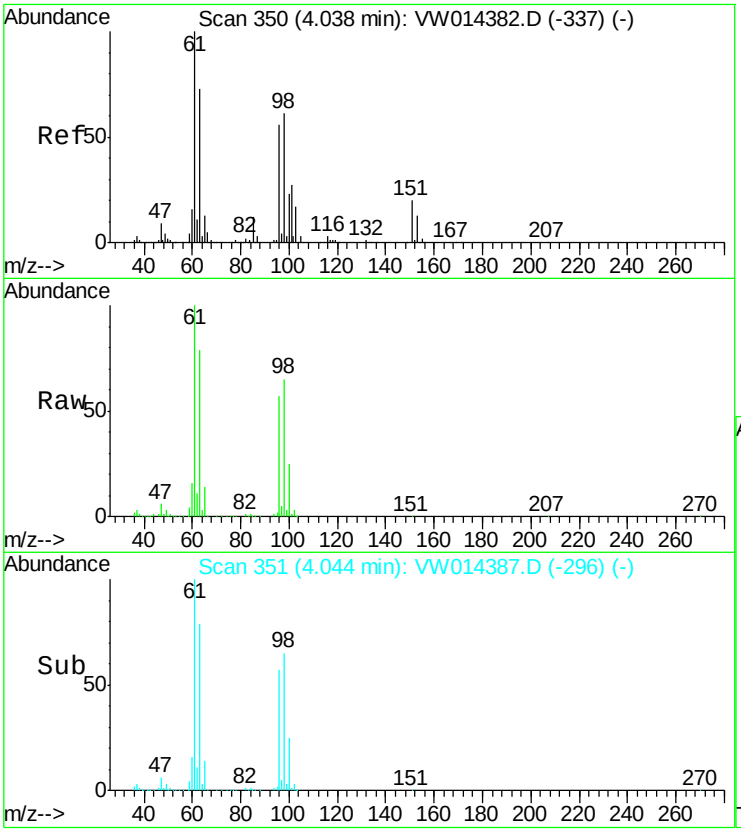
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK88MS

Quant Time: Dec 18 01:57:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 18 01:35:45 2019
Response via : Initial Calibration



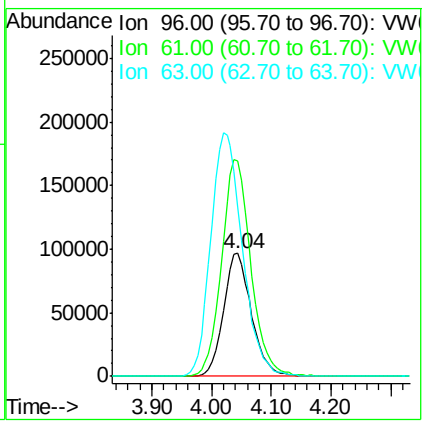


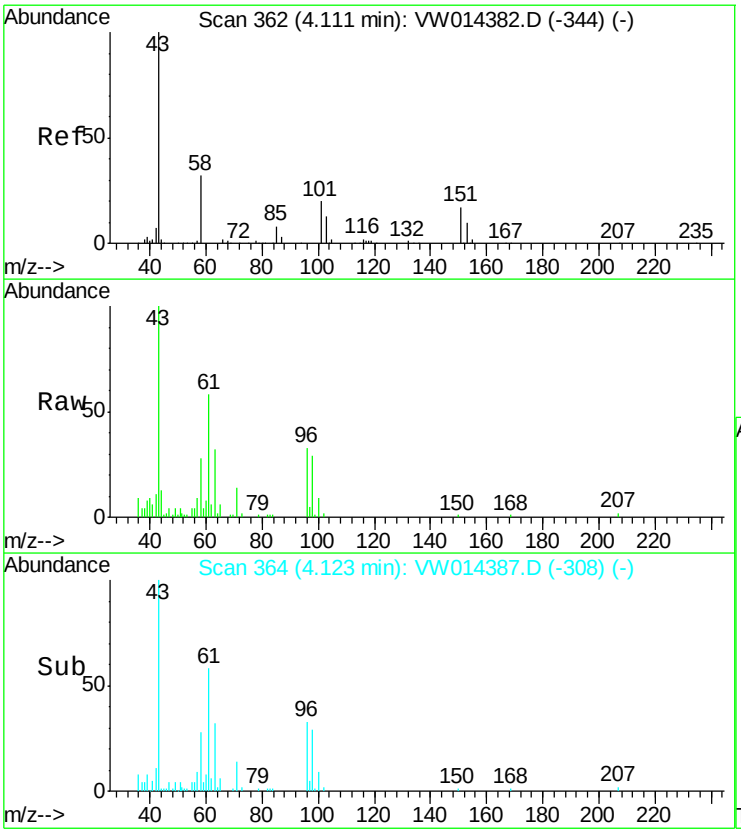
#12
1,1-Dichloroethene
Concen: 19.015 ug/L
RT: 4.04 min Scan# 351
Delta R.T. 0.01 min
Lab File: VW014387.D
Acq: 17 Dec 2019 12:51

Instrument : MSVOA_W
ClientSampleId : ETK88MS

Tgt Ion: 96 Resp: 314016

Ion	Ratio	Lower	Upper
96	100		
61	174.8	109.8	204.0
63	137.7	80.7	149.9

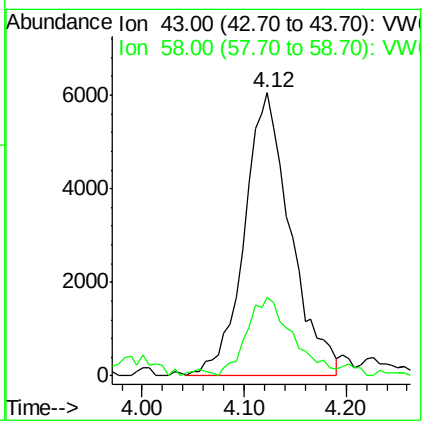


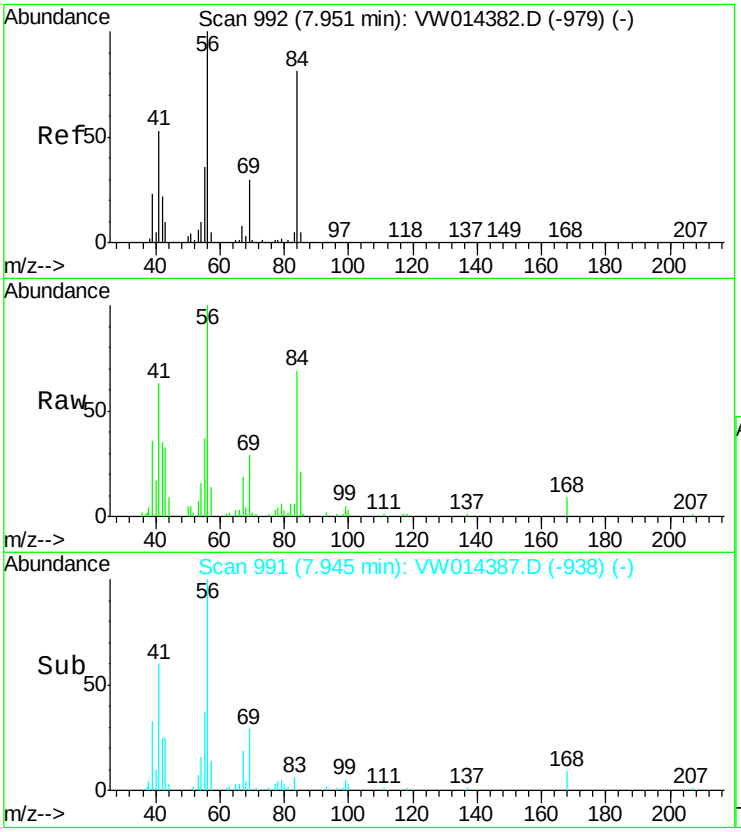


#13
Acetone
Concen: 4.064 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW014387.D
Acq: 17 Dec 2019 12:51

Tgt Ion: 43 Resp: 19123

Ion	Ratio	Lower	Upper
43	100		
58	27.5	0.0	65.4



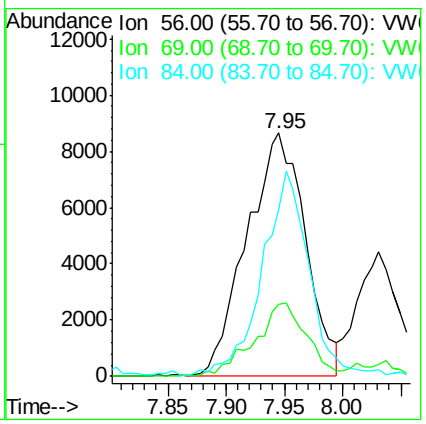


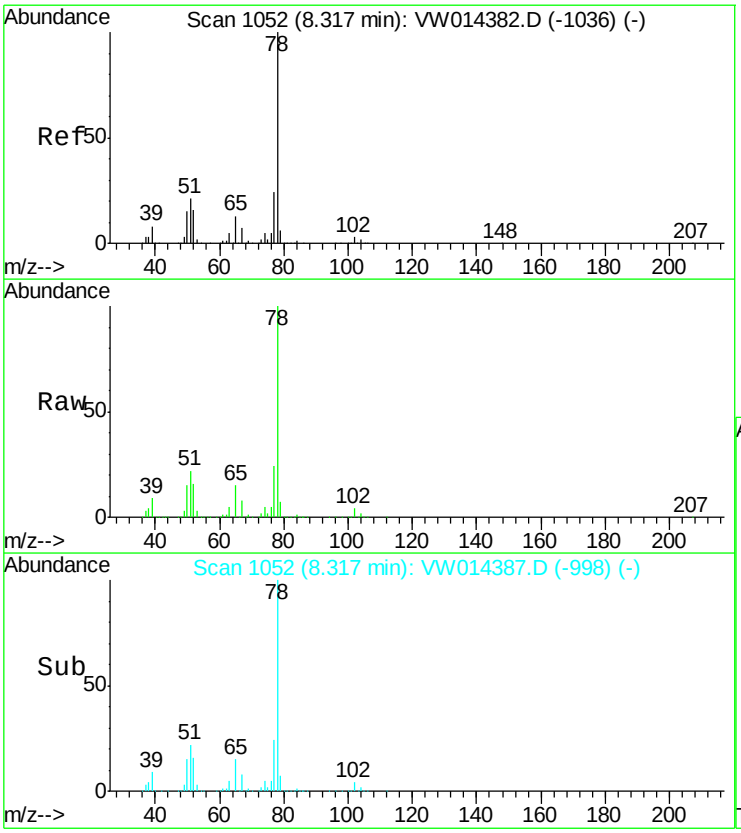
#30
Cyclohexane
Concen: 1.087 ug/L
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW014387.D
Acq: 17 Dec 2019 12:51

Instrument :
MSVOA_W
ClientSampleId :
ETK88MS

Tgt Ion: 56 Resp: 30310

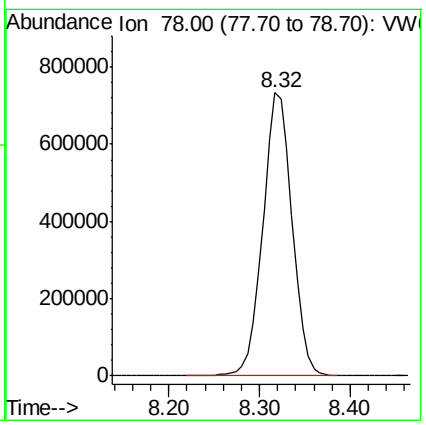
Ion	Ratio	Lower	Upper
56	100		
69	23.0	24.6	37.0#
84	66.7	70.2	105.2#

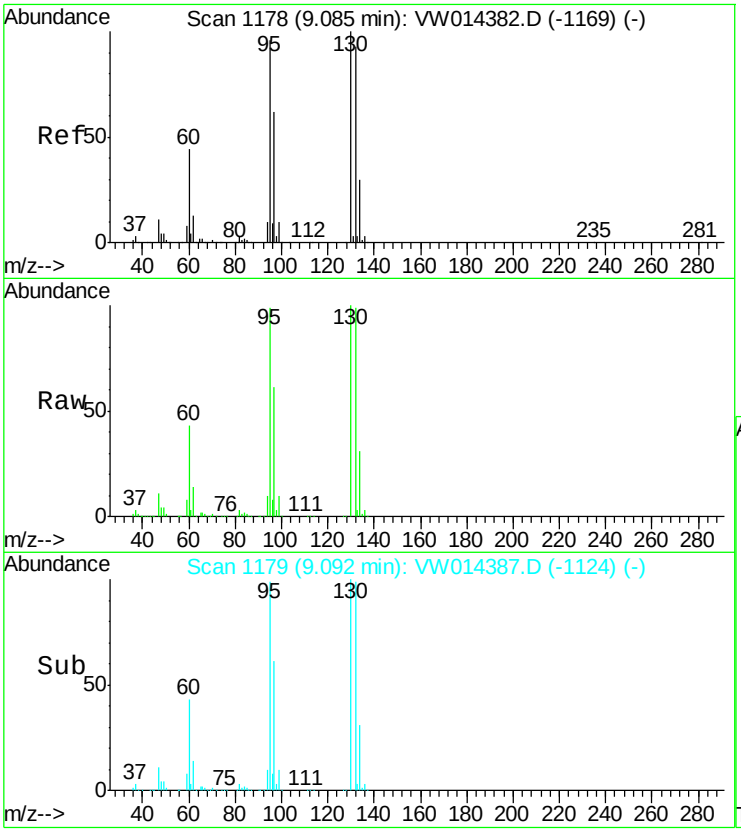




#34
Benzene
Concen: 23.071 ug/L
RT: 8.32 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VW014387.D
Acq: 17 Dec 2019 12:51

Tgt Ion: 78 Resp: 1632464



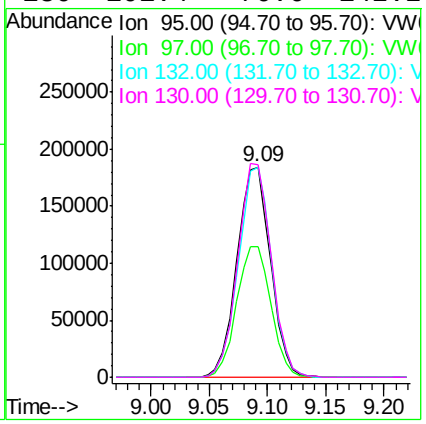


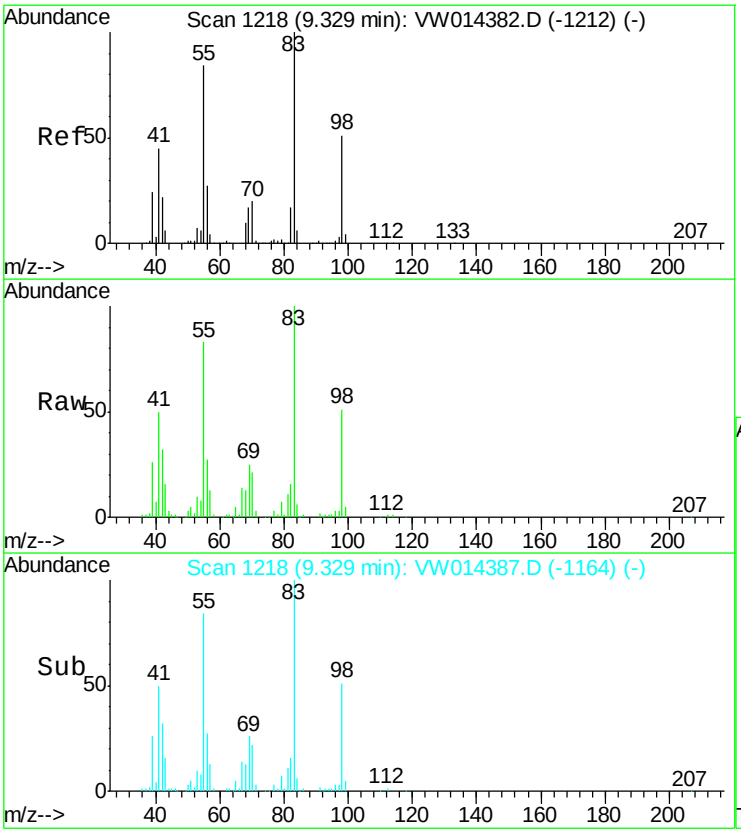
#35
Trichloroethene
Concen: 20.519 ug/L
RT: 9.09 min Scan# 1179
Delta R.T. 0.01 min
Lab File: VW014387.D
Acq: 17 Dec 2019 12:51

Instrument : MSVOA_W
ClientSampleId : ETK88MS

Tgt Ion: 95 Resp: 371479

Ion	Ratio	Lower	Upper
95	100		
97	63.3	45.1	83.9
132	98.4	73.7	136.9
130	101.4	76.6	142.2

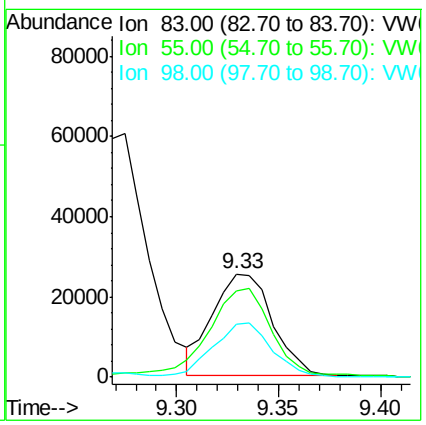


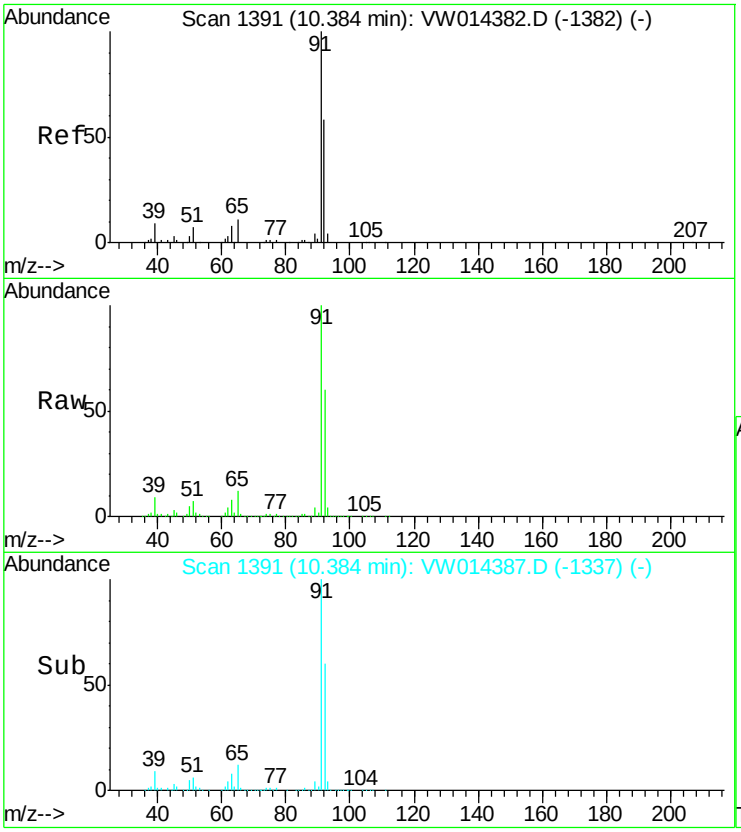


#36
Methylcyclohexane
Concen: 1.705 ug/L
RT: 9.33 min Scan# 1218
Delta R.T. 0.00 min
Lab File: VW014387.D
Acq: 17 Dec 2019 12:51

Tgt Ion: 83 Resp: 51876

Ion	Ratio	Lower	Upper
83	100		
55	93.8	59.8	89.8#
98	52.3	39.5	59.3



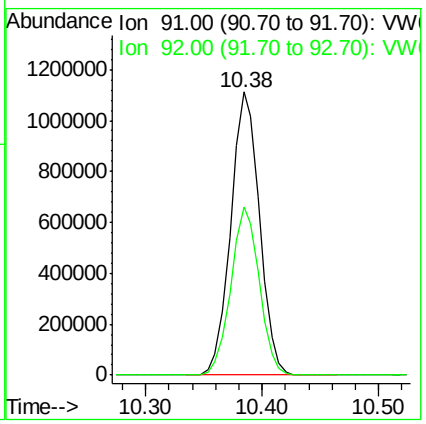


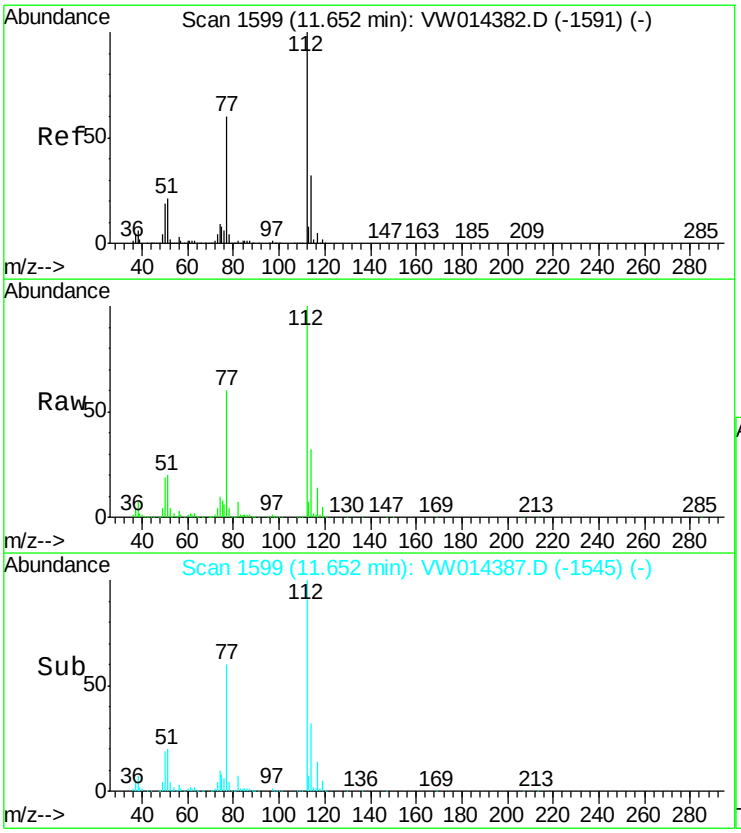
#44
Toluene
Concen: 25.769 ug/L
RT: 10.38 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VW014387.D
Acq: 17 Dec 2019 12:51

Instrument : MSVOA_W
ClientSampleId : ETK88MS

Tgt Ion: 91 Resp: 1911643

Ion	Ratio	Lower	Upper
91	100		
92	59.6	40.7	75.7

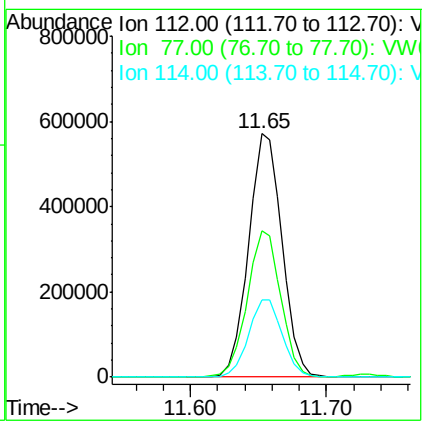


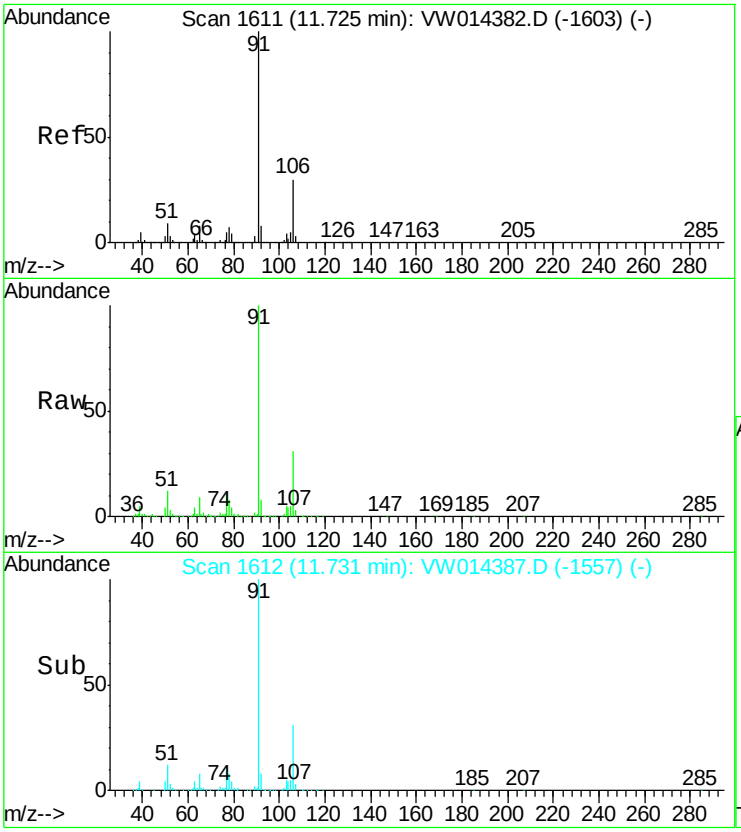


#52
Chlorobenzene
Concen: 20.579 ug/L
RT: 11.65 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VW014387.D
Acq: 17 Dec 2019 12:51

Tgt Ion:112 Resp: 986659

Ion	Ratio	Lower	Upper
112	100		
77	60.2	42.2	63.4
114	32.0	22.5	41.9



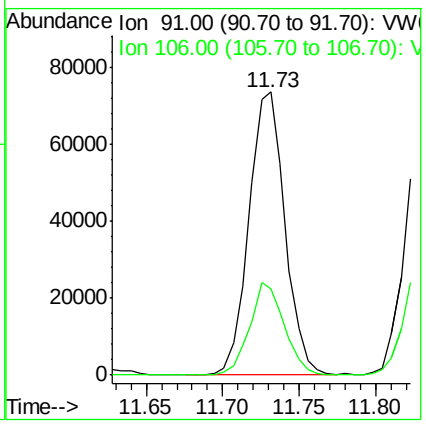


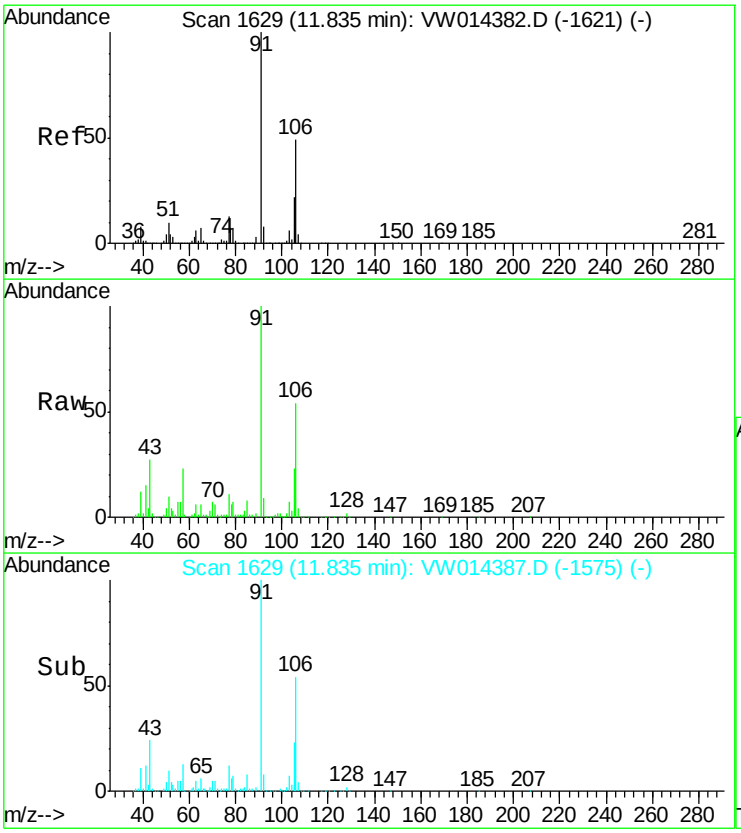
#53
Ethylbenzene
Concen: 1.498 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. 0.01 min
Lab File: VW014387.D
Acq: 17 Dec 2019 12:51

Instrument : MSVOA_W
ClientSampleId : ETK88MS

Tgt Ion: 91 Resp: 120617

Ion	Ratio	Lower	Upper
91	100		
106	30.6	22.3	41.5

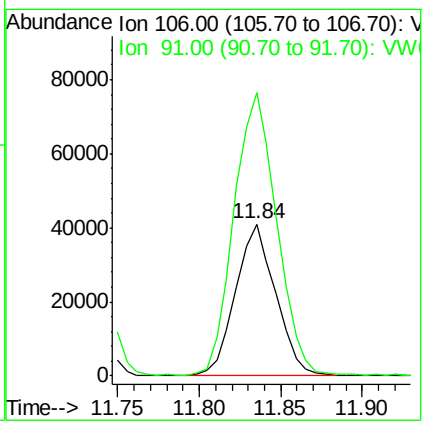


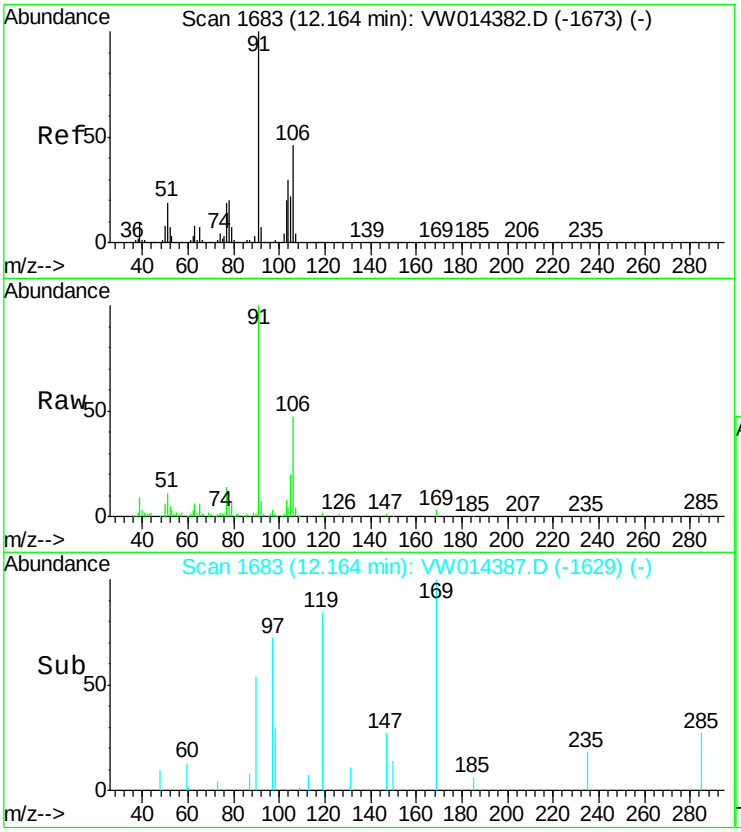


#54
m,p-Xylene
Concen: 2.264 ug/L
RT: 11.84 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VW014387.D
Acq: 17 Dec 2019 12:51

Tgt Ion:106 Resp: 70090

Ion	Ratio	Lower	Upper
106	100		
91	186.8	138.7	257.5





#55
o-xylene
Concen: 0.989 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW014387.D
Acq: 17 Dec 2019 12:51

Instrument :
MSVOA_W
ClientSampleId :
ETK88MS

Tgt Ion:106 Resp: 29053

Ion	Ratio	Lower	Upper
106	100		
91	211.5	148.3	275.5