Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112519\

Quantitation Report (Not Reviewed)

Data File : VW014114.D
Acq On : 25 Nov 2019 16:28
Operator : SY/VA
Sample : K6007-09
Misc : 4.33G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0BL7

Quant Time: Nov 26 07:49:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 26 07:45:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	220829	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	104790	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	13289	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	82513	23.42	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 93.68%			
7) Chloroethane-d5	2.89	69	81672	28.59	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 114.36%			
10) 1,1-Dichloroethene-d2	4.01	63	126988	17.56	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 70.24%			
20) 2-Butanone-d5	7.07	46	76734	74.97	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 149.94%#			
24) Chloroform-d	7.65	84	216724	31.92	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 127.68%			
26) 1,2-Dichloroethane-d4	8.31	65	102814	30.12	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 120.48%			
29) Benzene-d6	8.27	84	419016	56.36	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 225.44%#			
33) 1,2-Dichloropropane-d6	9.27	67	134110	61.58	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 246.32%#			
37) Toluene-d8	10.32	98	249472	35.38	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 141.52%#			
38) trans-1,3-Dichloropropene-	10.57	79	22524	24.15	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 96.60%			
39) 2-Hexanone-d5	10.92	63	38379	92.92	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 185.84%#			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	84607	51.44	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 205.76%#			
61) 1,2-Dichlorobenzene-d4	13.85	152	20510	38.41	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 153.64%#			
Target Compounds						Qvalue
13) Acetone	4.12	43	5676	5.450	ug/L	85
16) Methylene chloride	4.92	84	18541	4.361	ug/L	91
31) 1,1,1-Trichloroethane	7.87	97	3387	1.290	ug/L	99
35) Trichloroethene	8.84	95	6380	3.112	ug/L #	2
36) Methylcyclohexane	9.33	83	3317	0.902	ug/L #	77
42) cis-1,3-Dichloropropene	10.03	75	1873	0.641	ug/L	83
44) Toluene	10.38	91	2667	0.318	ug/L	85
54) m,p-Xylene	11.84	106	2266	0.634	ug/L	86
55) o-xylene	12.17	106	960	0.287	ug/L	64

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

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Instrument : MSVOA_W
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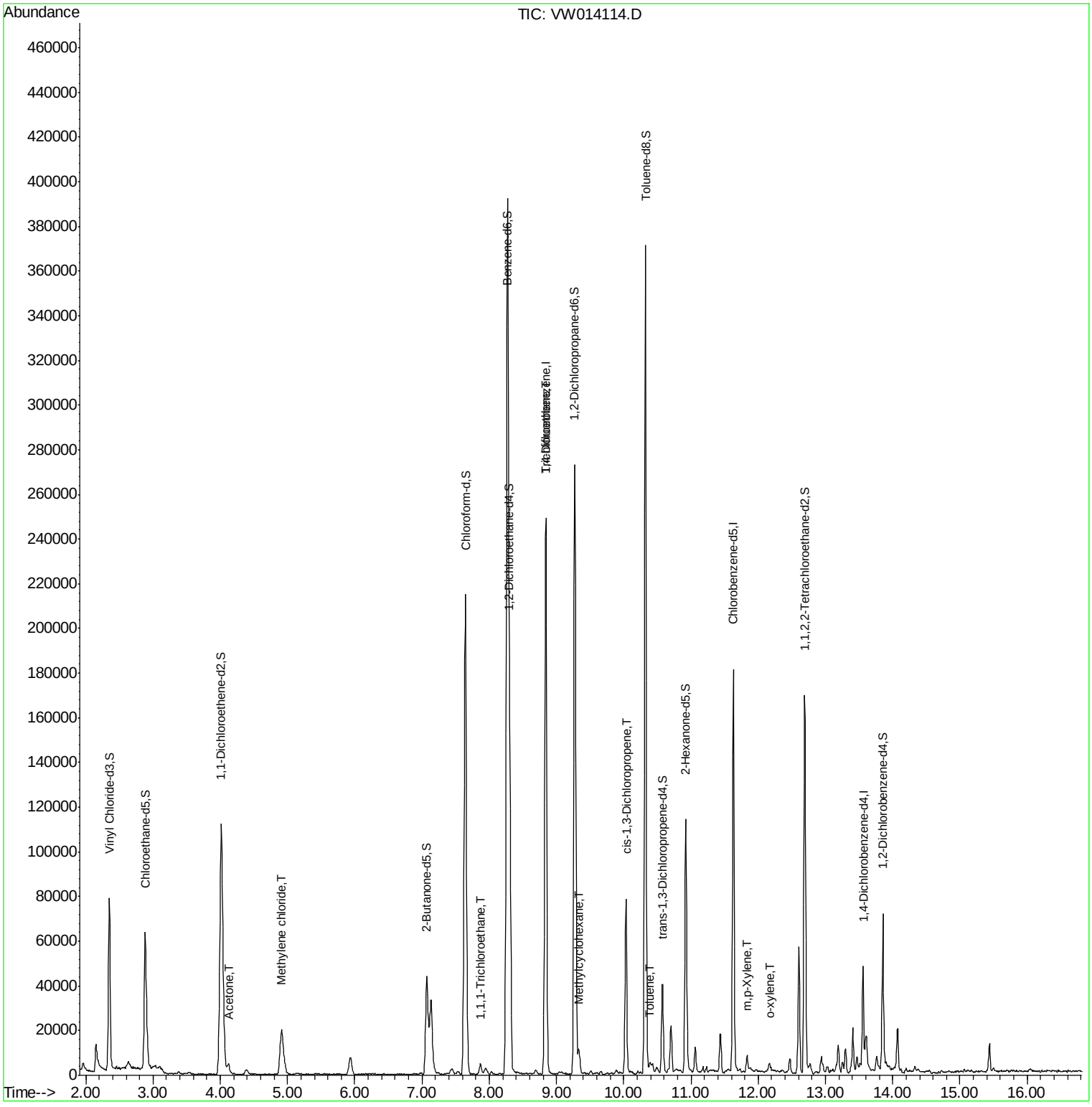
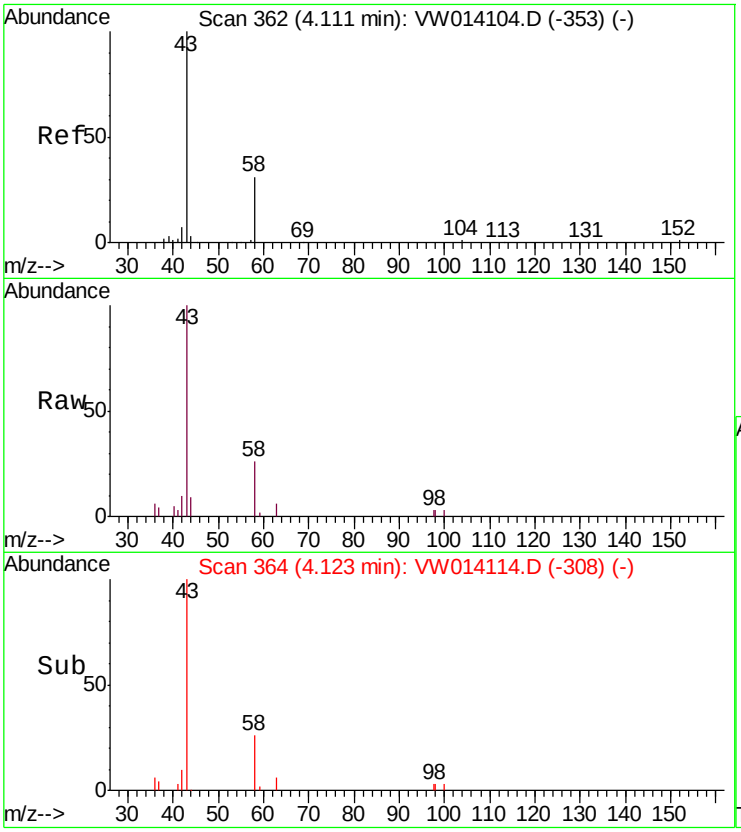
Quant Time: Nov 26 07:49:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 26 07:45:45 2019
Response via : Initial Calibration



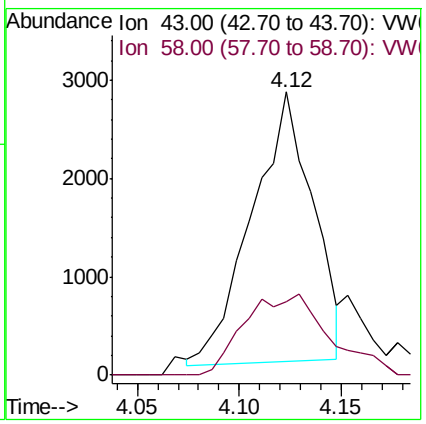


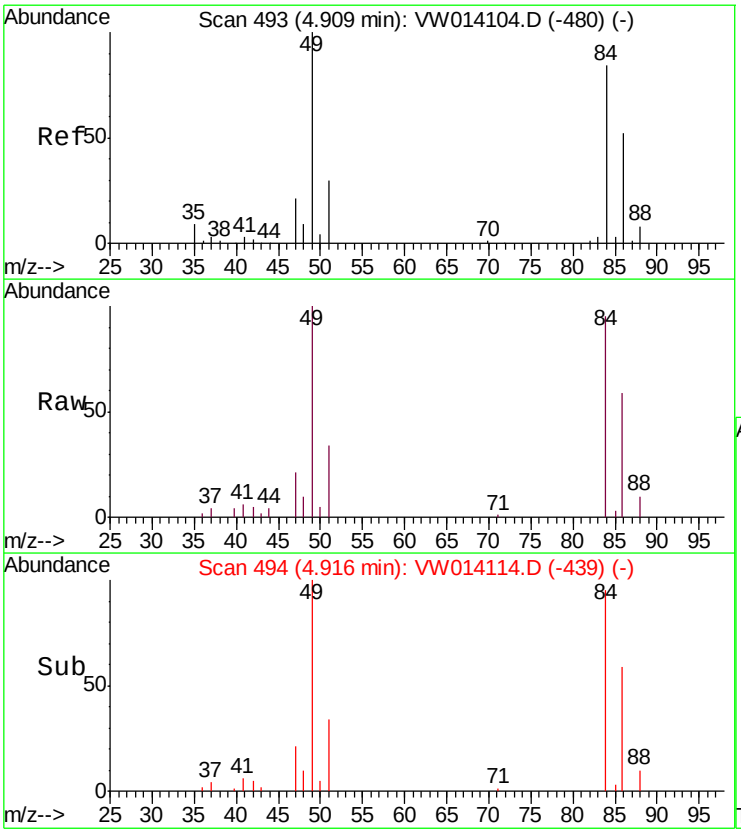
#13
Acetone
Concen: 5.450 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW014114.D
Acq: 25 Nov 2019 16:28

Instrument : MSVOA_W
ClientSampleId : C0BL7

Tgt Ion: 43 Resp: 5676

Ion	Ratio	Lower	Upper
43	100		
58	24.1	0.0	65.4

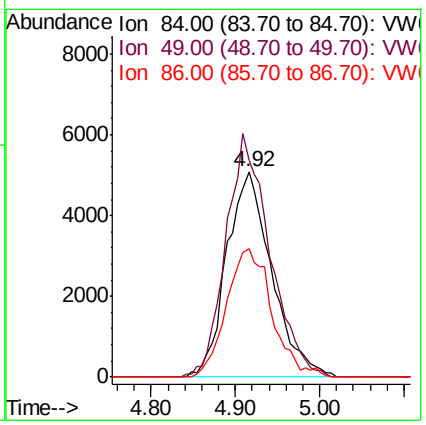


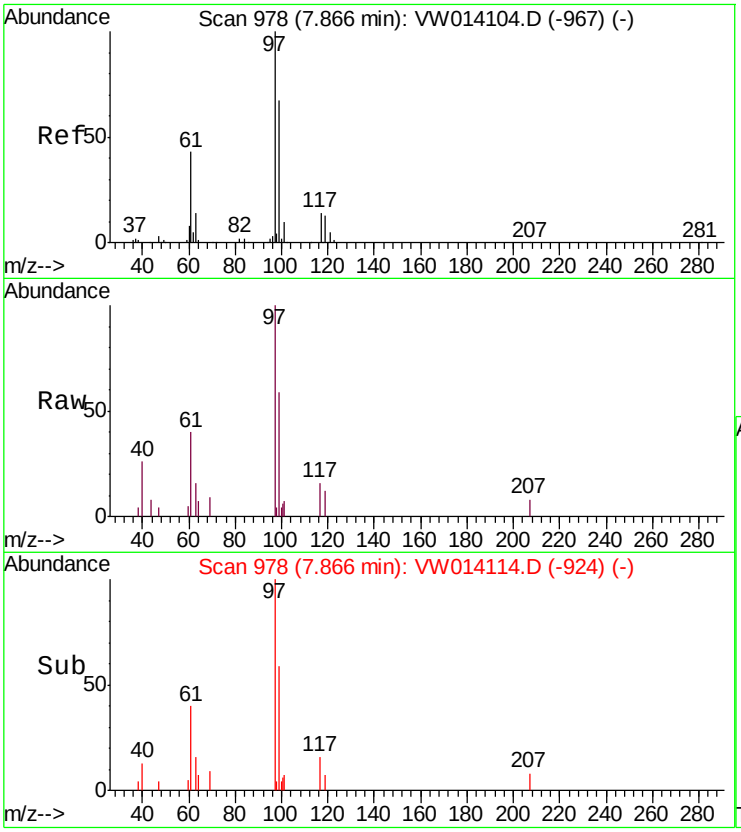


#16
Methylene chloride
Concen: 4.361 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW014114.D
Acq: 25 Nov 2019 16:28

Tgt Ion: 84 Resp: 18541

Ion	Ratio	Lower	Upper
84	100		
49	105.6	84.2	156.4
86	62.6	43.7	81.1



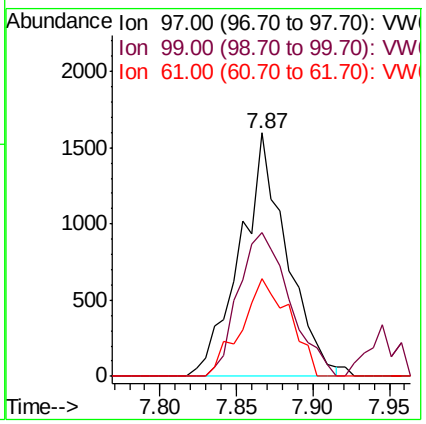


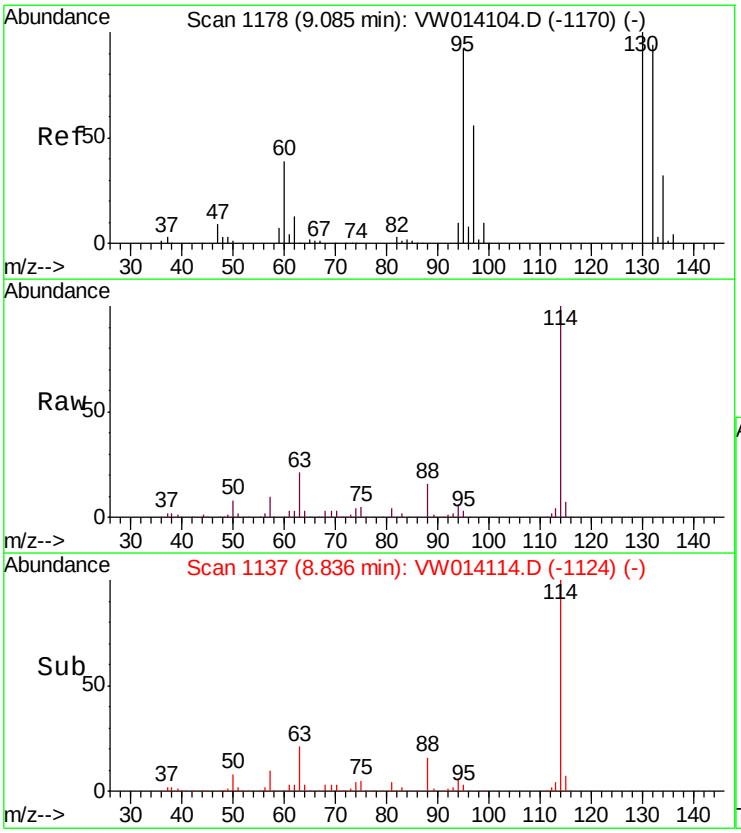
#31
1,1,1-Trichloroethane
Concen: 1.290 ug/L
RT: 7.87 min Scan# 978
Delta R.T. 0.00 min
Lab File: VW014114.D
Acq: 25 Nov 2019 16:28

Instrument :
MSVOA_W
ClientSampleId :
C0BL7

Tgt Ion: 97 Resp: 3387

Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.1	76.7
61	41.5	32.8	49.2

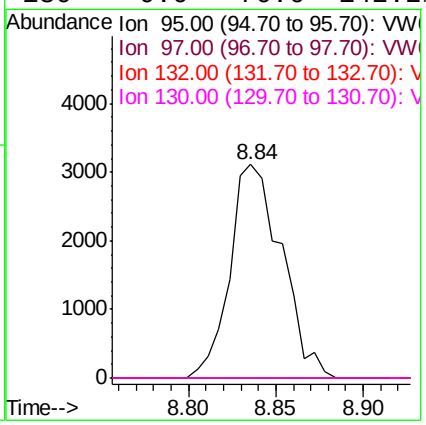


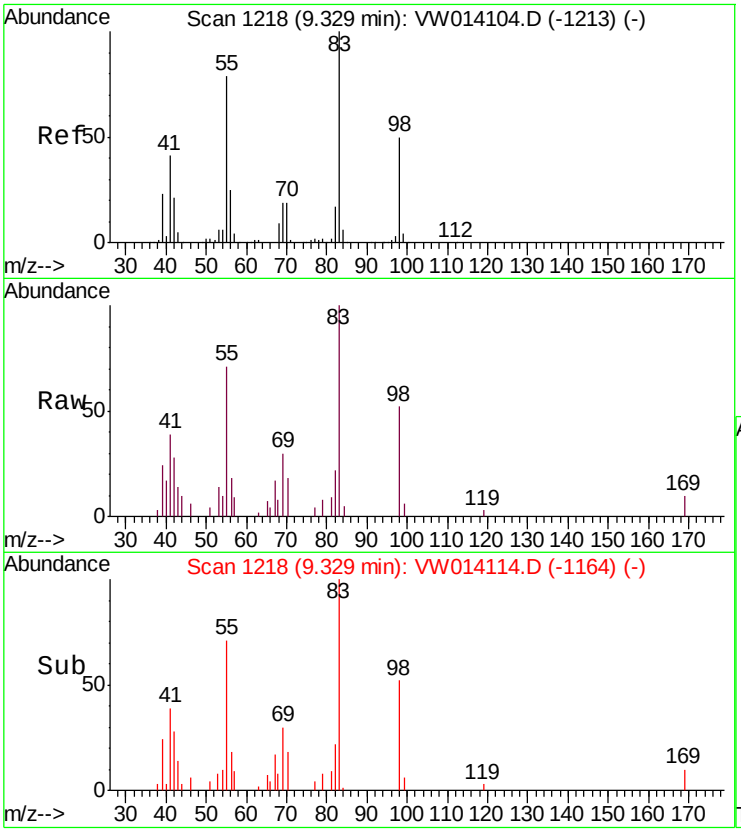


#35
Trichloroethene
Concen: 3.112 ug/L
RT: 8.84 min Scan# 1137
Delta R.T. -0.25 min
Lab File: VW014114.D
Acq: 25 Nov 2019 16:28

Tgt Ion: 95 Resp: 6380

Ion	Ratio	Lower	Upper
95	100		
97	0.0	45.1	83.9#
132	0.0	73.7	136.9#
130	0.0	76.6	142.2#



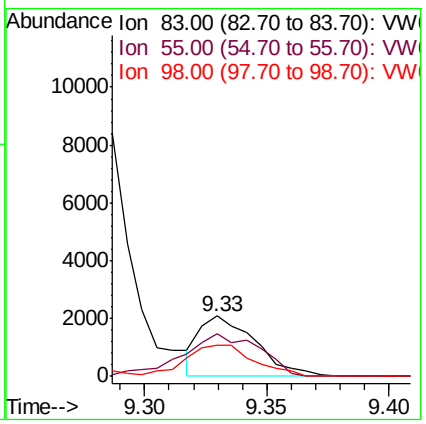


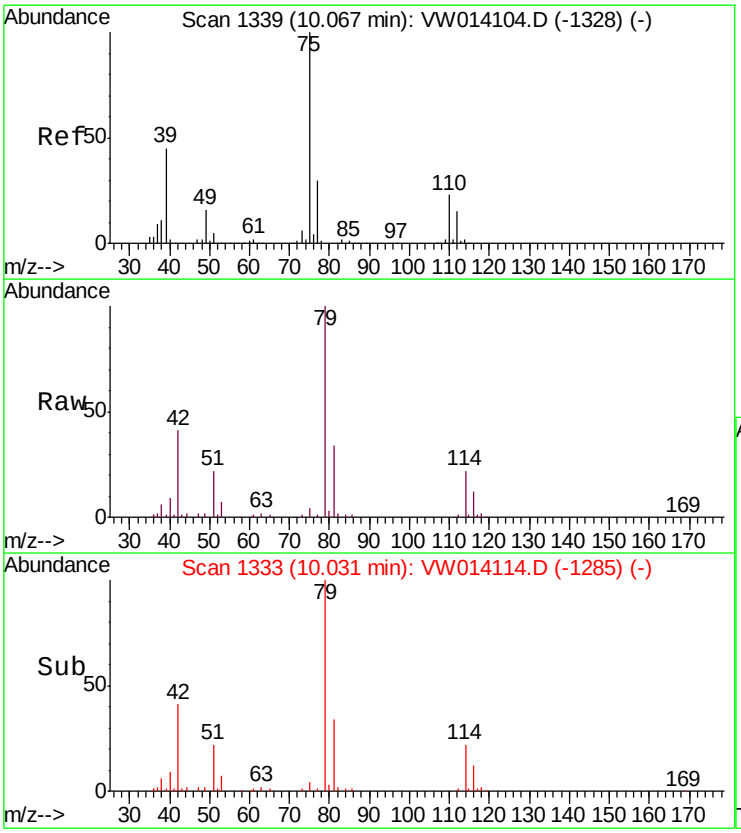
#36
Methylcyclohexane
Concen: 0.902 ug/L
RT: 9.33 min Scan# 1218
Delta R.T. 0.00 min
Lab File: VW014114.D
Acq: 25 Nov 2019 16:28

Instrument : MSVOA_W
ClientSampleId : C0BL7

Tgt Ion: 83 Resp: 3317

Ion	Ratio	Lower	Upper
83	100		
55	96.3	59.8	89.8#
98	62.7	39.5	59.3#

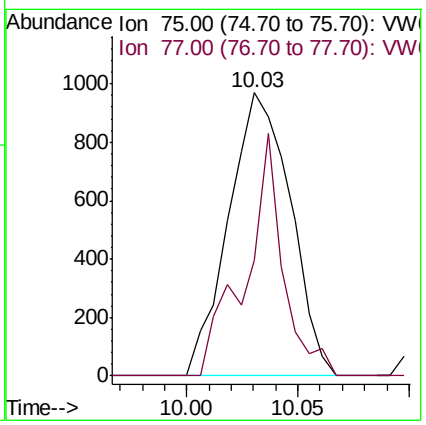


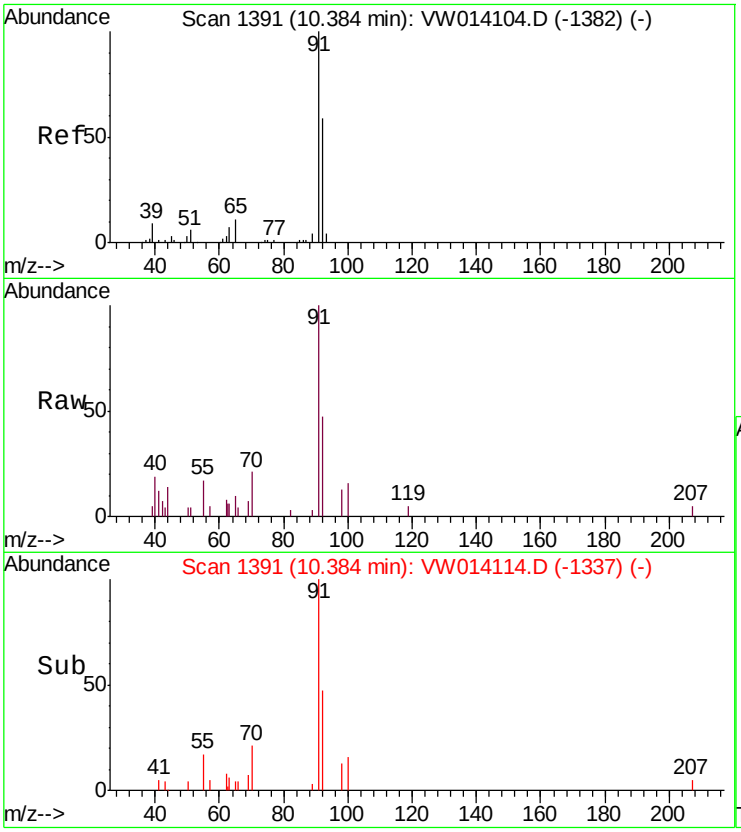


#42
cis-1,3-Dichloropropene
Concen: 0.641 ug/L
RT: 10.03 min Scan# 1333
Delta R.T. -0.04 min
Lab File: VW014114.D
Acq: 25 Nov 2019 16:28

Tgt Ion: 75 Resp: 1873

Ion	Ratio	Lower	Upper
75	100		
77	41.1	22.1	41.1



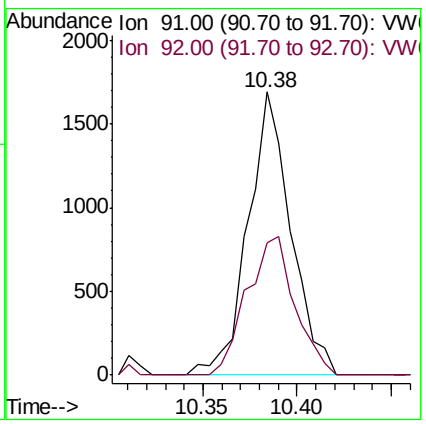


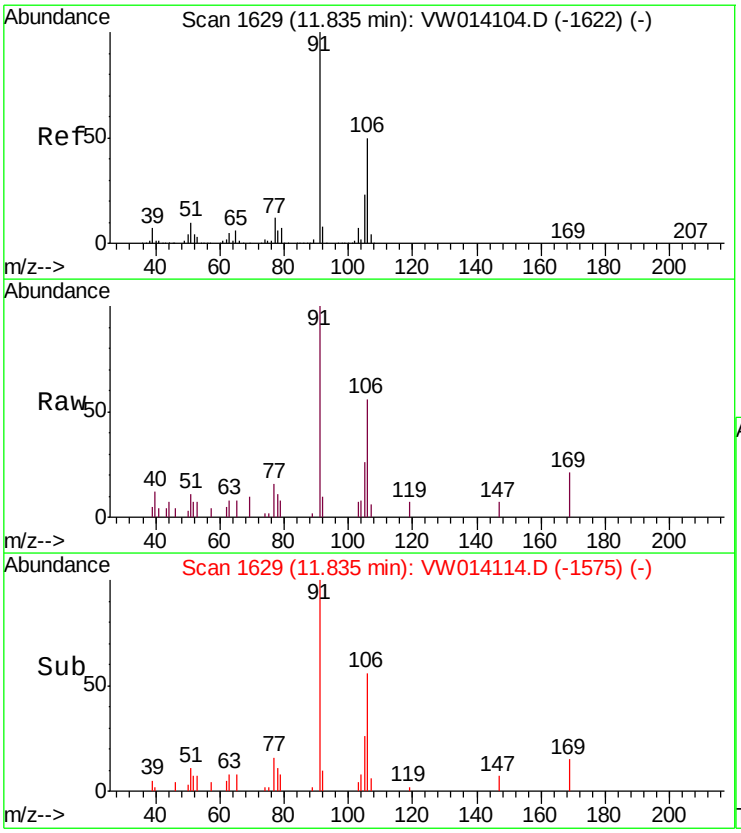
#44
Toluene
Concen: 0.318 ug/L
RT: 10.38 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VW014114.D
Acq: 25 Nov 2019 16:28

Instrument : MSVOA_W
ClientSampleId : C0BL7

Tgt Ion: 91 Resp: 2667

Ion	Ratio	Lower	Upper
91	100		
92	46.9	40.7	75.7

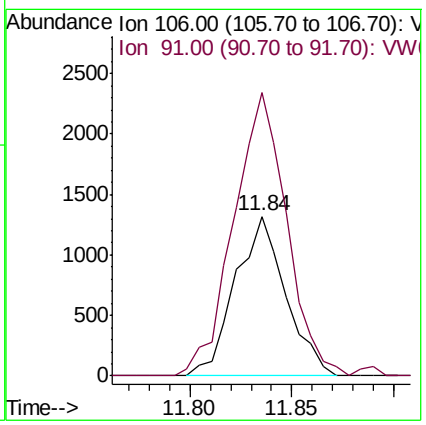


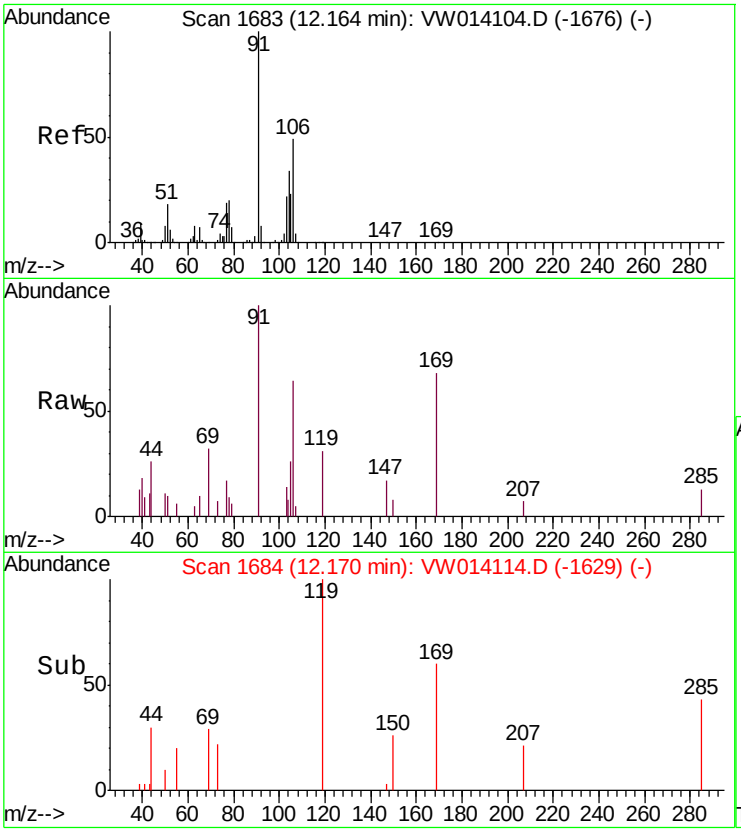


#54
m,p-Xylene
Concen: 0.634 ug/L
RT: 11.84 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VW014114.D
Acq: 25 Nov 2019 16:28

Tgt Ion:106 Resp: 2266

Ion	Ratio	Lower	Upper
106	100		
91	177.8	138.7	257.5





#55
o-xylene
Concen: 0.287 ug/L
RT: 12.17 min Scan# 1684
Delta R.T. 0.01 min
Lab File: VW014114.D
Acq: 25 Nov 2019 16:28

Instrument :
MSVOA_W
ClientSampleId :
C0BL7

Tgt Ion:106 Resp: 960

Ion	Ratio	Lower	Upper
106	100		
91	155.7	148.3	275.5